

# **EUROPEAN (EUR) AIR NAVIGATION PLAN**

## **VOLUME II**

## RECORD OF AMENDMENTS

The European (EUR) Air Navigation Plan Volume II (Doc7754), based on the 2014 Council-approved eANP templates, was approved in 2016. It has since been updated with the following approved Proposals for Amendments (PfA):

| PfA<br>Serial No.                           | Originator                                  | Brief Description                                                                               | Date Approved          | Date Entered                                                                 |
|---------------------------------------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------|
| II 16/03<br>AOP/CNS/AT<br>M/MET/SAR/<br>AIM | ICAO Secretary<br>General                   | EUR eANP, Volume II, based on the<br>2014 Council-approved eANP<br>templates                    | 19 Jan 2017            | 19 Jan 2017                                                                  |
| II 17/08-SAR                                | France                                      | Modification to Table SAR II-1                                                                  | 16 Mar 2017            | 16 Mar 2017                                                                  |
| II 17/05-AOP-<br>MET                        | Israel                                      | Modification to Table AOP II-1 and<br>MET II-2                                                  | 15 Nov 2017            | 8 Jan 2018                                                                   |
| II 17/07-AOP-<br>MET                        | Poland                                      | Modification to Table AOP II-1 and<br>MET II-2                                                  | 29 Nov 2017            | 8 Jan 2018                                                                   |
| II 17/16 AOP-<br>MET                        | Finland                                     | Modification to Table AOP II-1 and<br>MET II-2                                                  | 10 Apr 2018            | 10 Apr 2018                                                                  |
| II 17/14 AOP-<br>MET                        | BUL,HRV,DEU,IT<br>A,KAZ,LVA,MDA<br>, ESP    | Modifications to Table AOP II-1,<br>MET II-1 and II-2                                           | 20 Apr 2018            | 30 Apr 2018                                                                  |
| II 18/04 AOP-<br>MET                        | FRA, SVN, SVK,<br>SWE                       | Modifications to Table AOP II-1,<br>MET II-2 and MET II-3.                                      | 9 May 2018             | 24 May 2018                                                                  |
| II 18/06 AOP-<br>MET-AIM-<br>SAR            | BEL-BGR-FRA-<br>DEU-LUX-NLD-<br>RUS-CHE-MCO | Modifications to Table AOP II-1,<br>MET II-1, MET II-2, SAR II-1, AIM<br>II-1 and AIM II-2      | 18 Sep 18              | 18 Sep 2018                                                                  |
| Editorial<br>amendment                      | ICAO Secretariat                            | Editorial corrections to Table GEN<br>II-1, Part III – CNS, Part V – MET,<br>and Part VII – AIM | -                      | 15 Nov 2018                                                                  |
| II 18/09 GEN-<br>MET-SAR                    | Finland                                     | Modifications to Table GEN II-1,<br>Table MET II-1, Table SAR II-1                              | 18 Jan 2019            | 23 Jan 2019                                                                  |
| II 18/11 AOP-<br>MET                        | Turkey                                      | Modifications to Table AOP II-1,<br>Table MET II-2                                              | 25 Jan 2019            | 25 Jan 2019                                                                  |
| II 19/03 MET                                | DEU-TUN-UKR                                 | Modifications to Table MET II-1<br>and Table MET II-2                                           | 11 Mar 2019            | 11 Mar 2019                                                                  |
| II 19/04 MET                                | DNK-GRB-ICAO                                | Modifications to Table MET II-3,<br>Table MET II-EUR-1                                          | 10 May 2019            | 10 May 2019                                                                  |
| <del>II 17/05 AOP-<br/>MET</del>            | <del>Israel</del>                           | <del>Modification to Table AOP II-1 and<br/>MET II-2</del>                                      | <del>15 Nov 2017</del> | <del>8 Jan 2018</del><br>Revoked by<br>Council and<br>removed<br>16 May 2019 |
| II 19/08<br>GEN/MET/AI<br>M                 | Norway                                      | To update Table GEN II-1, Table<br>MET II-1, Table AIM II-2                                     | 28 Aug 2019            | 2 Sep 2019                                                                   |
| II 19/09<br>GEN/AOP/ME<br>T/SAR/AIM         | DEU-GRC-KAZ-<br>ROU-UKR-ICAO                | Updates to Table GEN II-1, AOP II-<br>1, MET II-1, MET II-2, MET II-3,<br>AIM II-1, AIM II-2    | 24 Oct 2019            | 25 Oct 2019                                                                  |
| II 20/01 MET                                | Croatia and<br>Morocco                      | Updates to Table MET II-2                                                                       | 9 Mar 2020             | 9 Mar 2020                                                                   |
| II 20/02 CNS                                | EASPG                                       | Updates to Part III, Communications                                                             | 8 Apr 2020             | 9 Apr 2020                                                                   |
| II 20/03 MET                                | Italy                                       | Updates to Table MET II-2                                                                       | 4 May 2020             | 6 May 2020                                                                   |
| II 20/05 AOP<br>MET                         | Russian Federation                          | Updates to Table AOP II-1 and MET<br>II-1                                                       | 25 Aug 2020            | 26 Aug 2020                                                                  |
| II 20/09 AOP<br>MET SAR                     | Slovenia/Israel                             | Updates to Tables AOP II-1, MET<br>II-1 and SAR II-1                                            | 8 Oct 2020             | 8 Oct 2020                                                                   |

| <b>PfA<br/>Serial No.</b> | <b>Originator</b>                                                                       | <b>Brief Description</b>                                                                               | <b>Date Approved</b> | <b>Date Entered</b> |
|---------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------|---------------------|
| II 20/07 AOP<br>MET       | Ukraine                                                                                 | Updates to Tables AOP II-1, MET<br>II-2                                                                | 26 Nov 2020          | 27 Nov 2020         |
| II 20/10 MET              | Morocco                                                                                 | Update to Table MET II-1                                                                               | 2 Dec 2020           | 4 Dec 2020          |
| II 20/12 AIM              | Eurocontrol                                                                             | Update Part VII AIM, Section 3                                                                         | 8 Feb 2021           | 9 Feb 2021          |
| II 21/02 MET              | Secretariat on<br>behalf of EASPG                                                       | Updates to Table AOP II-1, Part V<br>MET, Table MET II-1 and II-2                                      | 16 Mar 2021          | 18 Mar 2021         |
| II 21/04<br>AOP/MET       | Switzerland and<br>Tunisia                                                              | Update to Table AOP II-1 Tunisia<br>(GAFSA) and Table MET II-1 for<br>Switzerland                      | 9 Apr 2021           | 9 Apr 2021          |
| II 21/08 GEN-<br>AOP-ATM  | Algeria, Armenia,<br>Belgium, Czech<br>Republic, Germany,<br>North Macedonia,<br>Poland | Updates to Table GEN II-1, Table<br>AOP II-1 and Table MET II-1 , II-2<br>and II-3                     | 18 Jun 2021          | 21 Jun 2021         |
| II 21/10 AOP-<br>MET-AIM  | Andorra, Austria,<br>France, Monaco,<br>Poland, Rep. Of<br>Moldova                      | Updates to Table MET II-1, Table<br>MET II-2, Table MET II-3, Table<br>AIM II-1, Table AIM II-2.       | 17 Aug 2021          | 19 Aug 2021         |
| II 21/13 AOP-<br>MET-AIM  | Italy, Switzerland                                                                      | Updates to Table AOP II-1, Table<br>MET II-2, Table AIM II-1 and AIM<br>II-2                           | 16 Feb 2022          | 16 Feb 2022         |
| II 22/04 MET              | France, Germany                                                                         | Updates to Table MET II-3                                                                              | 7 Mar 2022           | 8 Mar 2022          |
| II 22/06 AOP-<br>MET      | Kyrgyzstan, United<br>Kingdom                                                           | Update to Table AOP II-1, Table<br>MET II-2                                                            | 15 Jun 2022          | 20 Jun 2022         |
| II 22/08 AOP-<br>MET      | Romania,<br>Switzerland                                                                 | Update to Table AOP II-1, Table<br>MET II-1 and Table MET II-2                                         | 29 Sep 2022          | 30 Sep 2022         |
| II 22/13 AOP-<br>MET      | Czech Republic,<br>Netherlands,<br>Norway, Poland                                       | Update to Table AOP II-1, Table<br>MET II-1, Table MET II-2, Table<br>MET II-3 and Table MET II-EUR-1. | 6 Dec 2022           | 9 Jan 2023          |
| II 22/16 MET              | Russian Federation                                                                      | Update to Table MET II-1                                                                               | 3 Jan 2023           | 9 Jan 2023          |
| II 23/03 AIM              | EASPG/4                                                                                 | Update to Part VII, AIM, Section 3<br><i>specific regional requirements</i>                            | 3 Mar 2023           | 7 Mar 2023          |
| II 23/02 AOP-<br>MET      | Sweden                                                                                  | Update to Table AOP II-1 and Table<br>MET II-2                                                         | 17 Mar 2023          | 22 Mar 2023         |
| II 23/05 AOP-<br>MET      | Secretariat on<br>behalf of the<br>EASPG                                                | Update to Table AOP II-1 and Table<br>MET II-2                                                         | 25 Apr 2023          | 25 Apr 2023         |
| II 23/07 MET              | Poland, Secretariat                                                                     | Update in respect of Part V<br>Meteorology, Table MET II-1, Table<br>MET II-2                          | 8 Jun 2023           | 9 Jun 2023          |
| II 23/09 AOP-<br>MET      | Bosnia &<br>Herzegovina, Israel                                                         | Update to Table AOP II-I and Table<br>MET II-2                                                         | 27 Jul 2023          | 31 Jul 2023         |
| II 23/12 MET              | Italy                                                                                   | Update to Table MET II-1 and Table<br>MET II-2                                                         | 25 Oct 2023          | 25 Oct 2023         |
| II 23/11 AOP-<br>MET      | Albania                                                                                 | Update to Table AOP II-I and Table<br>MET II-2                                                         | 11 Dec 2023          | 11 Dec 2023         |
| II 23/15 AOP-<br>MET      | Kazakhstan                                                                              | Update to Table AOP II-I and Table<br>MET II-2                                                         | 10 May 2024          | 10 May 2024         |
| II 24/02 AOP-<br>MET      | Italy, Germany,<br>Norway, Slovakia,<br>United Kingdom                                  | Update to Tables AOP II-1, MET II-<br>2 and MET II-3                                                   | 13 August 2024       | 19 August 2024      |
| II 24/04 MET              | Armenia, Czech<br>Republic                                                              | Update to Tables MET II-1, II-2 and<br>II-3                                                            | 10 October 2024      | 10 October 2024     |

| <b>PfA<br/>Serial No.</b> | <b>Originator</b>                                      | <b>Brief Description</b>                         | <b>Date Approved</b> | <b>Date Entered</b> |
|---------------------------|--------------------------------------------------------|--------------------------------------------------|----------------------|---------------------|
| II 24/06 AOP-MET          | Cyprus, Norway,<br>Russian Federation,<br>Turkmenistan | Update to Tables AOP II-1, MET II-1 and MET II-2 | 14 January 2025      | 23 January 2025     |
| II 25/03 AOP-MET          | Kazakhstan,<br>Switzerland,<br>Turkmenistan            | Update to Table AOP II-1 and MET II-2            | 2 June 2025          | 3 June 2025         |
| II 25/06 AOP-MET          | Türkiye                                                | Update to Tables AOP II-1, MET II-1 and MET II-2 | 11 July 2025         | 16 July 2025        |
| II 25/11 AOP-MET          | Spain                                                  | Update to Table AOP II-1, MET II-1 and MET II-2  | 24 Sept 2025         | 14 Oct 2025         |
| II 25/09 AOP-MET          | Czech Republic,<br>Switzerland                         | Update to Table AOP II-1 and MET II-2            | 15 October 2025      | 4 November 2025     |
| II 25/13 AOP-MET          | Italy                                                  | Update to Table AOP II-1 and MET II-2            | 15 October 2025      | 7 November 2025     |

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General Regional Requirements

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## **EUR ANP, VOLUME II**

### **PART 0 – INTRODUCTION**

#### **1. GENERAL**

1.1 The background to the publication of ANPs in three volumes is explained in the Introduction in Volume I. The procedure for amendment of Volume II is also described in Volume I.

1.2 Volume II contains dynamic plan elements related to:

- a) the assignment of responsibilities to States for the provision of aerodrome and air navigation facilities and services; and
- b) the mandatory requirements related to aerodrome and air navigation facilities and services to be implemented by States in accordance with regional air navigation agreements.

1.3 Volume II does not list all facilities in the region but only those required for international civil aviation operations in accordance with regional air navigation agreements. A regional air navigation agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified. Documents from the Integrated Aeronautical Information Package and other publications should be consulted for information on additional facilities and for operational information in general. Detailed guidance material or concepts, complementary to the material in Volumes I, II and III are contained in documents that are referenced as EUR Documents.

#### **2. MANAGEMENT OF REGIONAL AIR NAVIGATION PLANS**

2.1 The elements in Volume II are reviewed by the European Air Navigation Planning Group (EANPG) in accordance with its schedule of meetings, in consultation with provider and user States, and with the assistance of the ICAO European and North Atlantic (EUR/NAT) Regional Office.

2.2 The information on States' facilities and services included in Volume II, should be updated following the process of regional air navigation agreements.

2.3 The development and maintenance of region-specific documents that provide detailed guidance material or concepts that are complementary to the material in Volumes I, II and III is the responsibility of the EANPG.

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## EUR ANP, VOLUME II

### PART I – GENERAL PLANNING ASPECTS (GEN)

#### 1. INTRODUCTION

1.1 The material in this part of Volume II of ANP is applicable to one or more parts of the ANP. It should be taken into consideration in the overall planning process for the EUR Region.

#### 2. GENERAL REGIONAL REQUIREMENTS

2.1 To facilitate air navigation systems planning and implementation, homogenous ATM areas and/or major traffic flows/routing areas have been defined for the Region. While these areas of routing do not encompass all movements in the Region, they include the major routes. This includes the domestic flights in that particular area of routing.

##### *Homogeneous ATM area*

2.2 A homogeneous ATM area is an airspace with a common ATM interest, based on similar characteristics of traffic density, complexity, air navigation system infrastructure requirements or other specified considerations. In such an ATM area a common detailed plan will foster the implementation of interoperable ATM systems. Homogeneous ATM areas may extend over States, specific portions of States, or groupings of States. They may also extend over large oceanic and continental areas. They are considered areas of shared interest and requirements.

2.3 The method of identifying homogeneous ATM areas involves consideration of the varying degrees of complexity and diversity of the worldwide air navigation infrastructure. Based on these considerations, planning could best be achieved at the global level if it was organized based on ATM areas of common requirements and interest, taking into account traffic density and the level of sophistication required.

##### *Major traffic flows/routing areas*

2.4 A major traffic flow refers to a concentration of significant volumes of air traffic on the same or proximate flight trajectories. Major traffic flows may cross several homogeneous ATM areas with different characteristics.

2.5 A routing area encompasses one or more major traffic flows, defined for the purpose of developing a detailed plan for the implementation of ATM systems and procedures. A routing area may cross several homogeneous ATM areas with different characteristics. A routing area specifies common interests and requirements of underlying homogeneous areas, for which a detailed plan for the implementation of ATM systems and procedures either for airspace or aircraft will be specified.

2.6 The homogeneous ATM areas and major traffic flows/routing areas identified are given in **Table GEN II-1**.

#### 3. SPECIFIC REGIONAL REQUIREMENTS

##### *Specific Regional Arrangements – Single European Sky, Functional Airspace Blocks*

3.1 Single European Sky (SES) is a project of European Union for the modernization of the ATM system. It was launched by the European Commission (EC) in order to cope with a sustained air traffic growth while reducing environmental impact and increasing the safety and efficiency of air traffic operations.

3.2 The establishment of Functional Airspace Blocks (FABs) is a key mechanism of the Single European Sky (SES) and enables an increased cooperation and integration across borders leading to a more rational organisation of airspace and service provision aimed at meeting the performance expectations of the airspace users and that of the European Union through its performance scheme. FABs are a major tool to reduce airspace fragmentation and are necessary to accommodate the steadily growing traffic and to minimise delays by managing the traffic more dynamically. Objectives of enhancing current safety standards and overall efficiency can best be achieved through an increase of the scale of operations, regardless of national borders. This also implies civil-military coordination in airspace and ATM. The concept of FABs was defined in the 1st legislative package (2004) of the SES and further developed in the 2nd legislative package (2009). The creation of FABs is one of the cornerstones of the SES.

3.3 Nine FABs have been defined and are in varying development stages. They are supposed to respond to the criteria defined under homogeneous ATM areas in 2.2 above. **Table GEN II-2** reflects the current Functional Airspace Blocks (FAB) arrangements as registered with ICAO in line with the *Rules for Registration with ICAO of Aeronautical Agreements and Arrangements* (Doc 6685).

#### *ASBU Implementation*

3.4 The EANPG established a process on the regional monitoring of the Aviation System Block Upgrade (ASBU) implementation. The prioritization of ASBU modules will be reviewed on an annual basis and be extended to cover other modules, as needed. Further details on ASBU implementation and monitoring can be found in Volume III.

#### *Regional Performance Framework*

3.5 The regional performance framework defined in the ICAO EUR Region comprises the definition of performance objectives, suitable Key Performance Areas (KPAs), Indicators (KPIs) and realistically measurable metrics to facilitate the regional implementation of a performance based approach. This regional performance framework, reflected in [EUR Doc 030](#), identifies a selection of key performance areas (KPAs), namely, Safety, Capacity, Efficiency, Environment, Cost Effectiveness and Participation by ATM community, objectives within these KPAs and a list of useful, realistic and measurable indicators to be applied in the whole EUR Region and be collected from all States without requiring huge effort.

3.6 The document also describes roles and responsibilities of the ‘actors’ involved in this work as well as the processes for the functioning of the performance framework within the Region. It must be stressed that the regional performance framework neither addresses performance targets nor measures like incentives/disincentives. The implementation of this performance framework will result in a report on the regional performance status at every EANPG meeting, so that the EANPG will be in the position to identify and decide on which areas improvements are needed and to define a strategy to address such needs. It should be noted that for the States in the ICAO EUR Region that are members of sub-regional institutional arrangements (e.g. European Union), a maximum (re-)use of existing data and processes, and notably stemming from their own performance framework, will be made.

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**TABLE GEN II-1 - HOMOGENEOUS AREAS AND MAJOR TRAFFIC FLOWS  
IDENTIFIED IN THE EUR REGION**

EXPLANATION OF TABLE

| Column |                                        |                                                                                                                                           |
|--------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | Area of routing (AR)                   | Sequential number of area of routing                                                                                                      |
| 2      | Homogeneous Areas and/or Traffic flows | Brief description and/or name                                                                                                             |
| 3      | FIRs involved                          | List of FIRs concerned                                                                                                                    |
| 4      | Type of area covered                   | Brief description of type of area, examples:<br>Oceanic or Continental<br>High or low density<br>Oceanic en-route or Continental en-route |
| 5      | Remarks                                | Homogeneous ATM Area and/or Major Traffic Flow and Region(s) concerned                                                                    |

| Area of routing (AR) | Homogeneous Areas and/or Traffic flows | FIRs involved                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Type of area covered                     | Remarks                                                                                  |
|----------------------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------|
| 1                    | 2                                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4                                        | 5                                                                                        |
| AR-1                 | High Density                           | Amsterdam, Ankara, Athinai, Barcelona, Beograd, Bodo Oceanic, Bordeaux, Bratislava, Bremen, Brest, Brindisi, Brussels, Bucuresti, Budapest, Canarias, France UIR, Hannover UIR, Istanbul, Kobenhavn, Langen, Lisboa, Ljubljana, London, Madrid, Marseille, Milano, Moscow, Muenchen, Nicosia, Paris, Polaris, Praha, Reims, Rhein UIR, Roma, Santa Maria, Sarajevo, Scottish, Shannon, Shanwick Oceanic, Skopje, Sofia, Sondrestrom, Sweden, Switzerland, Tirana, Warszawa, Wien, Zagreb | Continental and High Seas high density   | High density area with intra-EUR Region flights and flights to/from other ICAO regions   |
| AR-2                 | Medium Density                         | Casablanca, Chisinau, Dnipro, Kyiv, L'viv, Malta, Minsk, Odesa, Riga, Sankt-Peterburg, Simferopol', Tallinn, Vilnius                                                                                                                                                                                                                                                                                                                                                                     | Continental and High Seas medium density | Medium density area with intra-EUR Region flights and flights to/from other ICAO regions |
| AR-3                 | Low Density                            | Aktau, Aktyubinsk, Alger, Almaty, Ashgabat, Baku, Bishkek, Dashoguz, Dushanbe, Helsinki, Irkutsk, Kaliningrad, Khabarovsk, Krasnoyarsk, Kyzylorda, Magadan Oceanic, Magadan/Sokol, Murmansk Oceanic, Novosibirsk, Nukus, Nur-Sultan, Osh, Reykjavik, Rostov-Na-Donu, Samara, Samarkand, Shymkent, Simferopol', Tashkent, Tbilisi, Tel Aviv, Tunis, Turkmenabat, Turkmenbashi, Tyumen/Roschino, Yakutsk, Yekaterinburg, Yerevan                                                           | Continental and High Seas low density    | Low density area with intra-EUR Region flights and flights to/from other ICAO regions    |

| Area of routing (AR) | Homogeneous Areas and/or Traffic flows                                       | FIRs involved                                                                                                                                                                                                                                                                                                                    | Type of area covered                          | Remarks                                                                                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                    | 2                                                                            | 3                                                                                                                                                                                                                                                                                                                                | 4                                             | 5                                                                                                                                                                                                                                                                                                                |
| AR-4                 | Europe to/from North America                                                 | Bodo Oceanic, Brest, Canarias, France UIR, Lisboa, London, Madrid, Polaris, Santa Maria, Scottish, Shannon, Shanwick Oceanic, Sondrestrom,                                                                                                                                                                                       | Continental high density                      | Major traffic flow linking Europe to/from North America via North Atlantic;<br><br>Requires coordination on all ATM/CNS aspects between EUR and NAT Regions                                                                                                                                                      |
| AR-5                 | Western Europe/North America to Far East Asia via Trans-Polar Transit routes | Bodo Oceanic, Fukuoka, Helsinki, Irkutsk, Khabarovsk, Krasnoyarsk, Magadan/Sokol, Murmansk Oceanic, Polaris, Sankt-Peterburg, Yakutsk                                                                                                                                                                                            | Continental high/medium/low density           | Traffic flow via ATS route A333, all routes north of it and free route airspace<br><br>Requires coordination on all ATM/CNS aspects between EUR and APAC Regions                                                                                                                                                 |
| AR-6                 | Western Europe to Far East Asia via Trans-Siberian Transit routes            | Fukuoka, Helsinki, Irkutsk, Kaliningrad, Khabarovsk, Krasnoyarsk, Minsk, Moscow, Novosibirsk, Riga, Sankt-Peterburg, Tallinn, Tyumen/Roschino, Vilnius, Warszawa, Yakutsk, Yekaterinburg                                                                                                                                         | Continental high/medium/low density           | Traffic flow via ATS routes/free route airspace south of A333 (excluding), up to and including the ATS route R211<br><br>Requires coordination on all ATM/CNS aspects between EUR and APAC Regions                                                                                                               |
| AR-7                 | North America to Eastern Europe and Asia via Cross-Polar Transit routes      | Aktau, Aktyubinsk, Almaty, Anchorage Arctic, Anchorage Continental, Anchorage Oceanic, Edmonton, Irkutsk, Khabarovsk, Krasnoyarsk, Kyzylorda, Magadan Oceanic, Magadan/Sokol, Minsk, Moscow, Murmansk Oceanic, Novosibirsk, Nur-Sultan, Rostov-Na-Donu, Samara, Sankt-Peterburg, Shymkent, Sondrestrom, Tyumen/Roschino, Yakutsk | Continental low density / Oceanic low density | Traffic flow via ATS routes/free route airspace linking North America with Eastern Europe and Asia through the airspace of the Russian Federation east of the ATS routes G476 and A74 up to the ATS route A218 (excluding)<br><br>Requires coordination on all ATM/CNS aspects between EUR, NAT and APAC Regions |

| Area of routing (AR) | Homogeneous Areas and/or Traffic flows                              | FIRs involved                                                                                                                                                                                                                                                                                                                                  | Type of area covered                          | Remarks                                                                                                                                                                                                                                                           |
|----------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                    | 2                                                                   | 3                                                                                                                                                                                                                                                                                                                                              | 4                                             | 5                                                                                                                                                                                                                                                                 |
| AR-8                 | North America to Southeast Asia via Trans-Eastern Transit routes    | Anchorage Arctic, Anchorage Continental, Anchorage Oceanic, Edmonton, Khabarovsk, Lanzhou, Magadan Oceanic, Magadan/Sokol, Shenyang, Urumqi                                                                                                                                                                                                    | Continental low density / Oceanic low density | Traffic flow via ATS routes linking North America with Southeast Asia through the airspace of the Russian Federation including ATS route A218 and all routes east of it<br><br>Requires coordination on all ATM/CNS aspects between EUR, NAT and APAC Regions     |
| AR-9                 | Europe to Central and Southeast Asia via Trans-Asian Transit routes | Aktau, Aktyubinsk, Almaty, Helsinki, Irkutsk, Kaliningrad, Khabarovsk, Krasnoyarsk, Kyzylorda, Lanzhou, Magadan Oceanic, Magadan/Sokol, Moscow, Murmansk Oceanic, Novosibirsk, Nur-Sultan, Riga, Rostov-Na-Donu, Samara, Sankt-Peterburg, Shenyang, Shymkent, , Tallinn, Tyumen/Roschino, Ulaanbaatar, Urumqi, Vilnius, Yakutsk, Yekaterinburg | Continental medium/low density                | Traffic flow via ATS routes linking European States/free route airspace with Central and Southeast Asia, aligned south of ATS routes A222, B200 and A310, including ATS route G3<br><br>Requires coordination on all ATM/CNS aspects between EUR and APAC Regions |
| AR-10                | Europe to Middle and South East Asia via Asian Transit routes       | Aktau, Aktyubinsk, Almaty, Ankara, Ashgabat, Baku, Bishkek, Dashoguz, Dnipro, Dushanbe, Istanbul, Kabul, Kyiv, Kyzylorda, L'viv, Minsk, Moscow, Nukus, Nur-Sultan, Odesa, Osh, Rostov-Na-Donu, Samara, Samarkand, Shymkent, Simferopol', Tashkent, Tbilisi, Tehran, Turkmenabat, Turkmenbashi, Yerevan                                         | Continental high/medium/low density           | Traffic flow via ATS routes/free route airspace linking European States with Middle Asia, south of ATS route G3<br><br>Requires coordination on all ATM/CNS aspects between EUR, MID and APAC Regions                                                             |
| AR-11                | Europe/North America to Middle East                                 | Ankara, Ashgabat, Athinai, Baku, Dashoguz, Istanbul, Nicosia, Tbilisi, Turkmenabat, Turkmenbashi, Yerevan                                                                                                                                                                                                                                      | Continental high/medium/low density           | Traffic flow via ATS routes/free route airspace linking the EUR Region and North America with the Middle East<br><br>Requires coordination on all ATM/CNS aspects between EUR and MID Regions                                                                     |

| Area of routing (AR) | Homogeneous Areas and/or Traffic flows | FIRs involved                                                                                                                                                                     | Type of area covered                | Remarks                                                                                                                                                                              |
|----------------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                    | 2                                      | 3                                                                                                                                                                                 | 4                                   | 5                                                                                                                                                                                    |
| AR-12                | Europe/North America to Africa         | Alger, Athinai, Barcelona, Bordeaux, Brest, Brindisi, Canarias, Casablanca, France UIR, Lisboa, Madrid, Malta, Marseille, Milano, Nicosia, Paris, Reims, Roma, Santa Maria, Tunis | Continental high/medium/low density | <p>Traffic flow via ATS routes/free route airspace linking the EUR Region and Africa</p> <p>Requires coordination on all ATM/CNS aspects between EUR, MID and AFI Regions</p>        |
| AR-13                | Europe to South America                | Barcelona, Canarias, Casablanca, Lisboa, Madrid, Santa Maria                                                                                                                      | Continental high/medium/low density | <p>Traffic flow via ATS routes/free route airspace linking the EUR Region and South America</p> <p>Requires coordination on all ATM/CNS aspects between EUR, AFI and SAM Regions</p> |

**TABLE GEN II-2 – FUNCTIONAL AIRSPACE BLOCKS (FAB) ARRANGEMENTS**

| ICAO<br>Registration<br>Number | Name of the<br>FAB | Signatory States                                                                                | Date Signed | Date of entry<br>into force |
|--------------------------------|--------------------|-------------------------------------------------------------------------------------------------|-------------|-----------------------------|
| 5048                           | NEFAB              | Norway*, Estonia, Finland Latvia                                                                | 04/06/2012  | 23/12/2012                  |
| 5049                           | BLUEMED            | Cyprus*, Greece, Italy, Malta                                                                   | 12/10/2012  | 22/08/2014                  |
| 5050                           | DANUBE             | Romania*, Bulgaria                                                                              | 12/12/2011  | 16/11/2012                  |
| 5591                           | SW FAB             | Portugal*, Spain                                                                                | 17/05/2013  | 01/04/2014                  |
| 5658                           | BALTIC             | Lithuania, Poland*                                                                              | 17/07/2012  | 01/04/2014                  |
| 5622                           | FABCE              | Austria, Bosnia and Herzegovina,<br>Croatia, Czech Republic, Hungary,<br>Slovakia and Slovenia* | 05/05/2011  | 03/08/2012                  |
| 5640                           | FABEC              | Belgium*, France, Germany,<br>Luxembourg, the Netherlands and<br>Switzerland                    | 02/12/2010  | 01/06/2013                  |
| xxxx                           | UK-Ireland         | United Kingdom - Ireland                                                                        | 12/06/2008  | 14/07/2008                  |
| 5560                           | DK-SE              | Denmark* - Sweden                                                                               | 17/12/2009  | 10/07/2010                  |

*Nota bene:* \* = registering Party

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**EUR ANP, VOLUME II****PART II – AERODROMES / AERODROME OPERATIONS (AOP)****1. INTRODUCTION**

1.1 This part of the EUR ANP, Volume II, complements the provisions in ICAO SARPs and PANS related to aerodrome design and operations (AOP). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of AOP facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to AOP facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified.

**2. GENERAL REGIONAL REQUIREMENTS**

2.1 **Table AOP II-1** contains the list of facilities and services to be provided by the State concerned at each aerodrome that is listed in **Table AOP I-1** in Volume I. Table AOP II-1 shows the operational requirements at each aerodrome to be considered in planning the facilities and services for safe and efficient aircraft operations.

*Visual aids for low visibility aerodrome operations*

2.2 At aerodromes where there is a requirement to conduct low visibility operations, the appropriate visual and non-visual aids should be provided.

*Non-precision approach aids*

2.3 Where required by the topographic and/or environmental situation of an aerodrome, improved track guidance during departure and/or approach by specific non-visual and/or visual aids should be provided even if such aids would not normally be required in accordance with the SARPs.

*Reduced runway declared distances for take-off*

*Note.* — In the following operational requirements the term “intersection” is used to cover both intersection and junction concepts.

2.4 The reduced runway declared distances for take-off, as for those used for full runway declared distances, should consist of take-off run available (TORA), take-off distance available (TODA) and accelerate-stop distance available (ASDA).

2.5 The datum-line from which the reduced runway declared distances for take-off should be determined is defined by the intersection of the downwind edge of the specific taxiway with the runway edge. The loss, if any, of runway length due to alignment of the aircraft prior to take-off should be taken into account by the operators for the calculation of the aircraft’s take-off weight.

2.6 Intersections used as intermediate take-off positions should be identified by the “taxiway designator” to which the datum-line of the associated reduced runway declared distance for take-off refers.

2.7 At each international aerodrome, specific minima visibility for take-off should be established, regulating the use of intersection take-off positions. These minima should permit the appropriate ATC unit to maintain continuous a permanent surveillance of the ground movement operations, and the flight crews to constantly secure their position on the manoeuvring area, so as to exclude any potential risk of confusion as to the identification of the aircraft and intersections used for take-off. The minima should be consistent with the surface movement guidance and control system (SMGCS) provided at the aerodrome concerned.

2.8 The provision of marking and lighting aids together with signs should ensure the safe control and guidance of aircraft towards and at take-off intersections appropriate to the minima visibility criteria retained. At the runway holding position of the associated intersection take-off position, such signs should indicate the runway heading and the remaining TORA in metres.

2.9 At aerodromes regularly used by international commercial air transport, take-offs from runway/taxiway intersections may be justified for the following reasons:

- a) runway capacity improvement;
- b) taxi routes distances reduction;
- c) noise alleviation; and
- d) air pollution reduction.

2.10 The appropriate authorities should, upon prior consultation with aircraft operators, agree on the selection of suitable intermediate intersection take-off positions along the runway(s). Accordingly, authorities should determine the reduced runway declared distances for take-off associated with each selected intersection take-off position and establish the specific ATC rules and operational procedures/limitations. Such provisions should be published in the State aeronautical information publications (AIP).

#### *Aerodrome capacity management*

2.11 As an integral part of the air navigation system, the aerodrome should provide the needed ground infrastructure including, *inter alia*, lighting; taxiways; runway, including exits; aprons and precise surface guidance to improve safety and to maximize aerodrome capacity in all weather conditions. An efficient aerodrome capacity planning and management should include:

- a) reduction of runway occupancy time;
- b) the capability to safely manoeuvre in all weather conditions whilst maintaining capacity;
- c) precise surface guidance to and from a runway required in all conditions; and
- d) availability of information on the position (to an appropriate level of accuracy) and intent of all vehicles and aircraft operating on the movement area for the appropriate ATM community members.

2.12 States should ensure that adequate consultation and, where appropriate, cooperation between airport authorities and users/other involved parties are implemented at all international aerodromes to satisfy the provisions of aerodrome capacity assessment and requirement.

2.13 When international aerodromes are reaching designed operational capacity, a better and more efficient utilization of existing runways, taxiways and aprons is required. Runway selection procedures and standard taxi routes at aerodromes should ensure an optimum flow of air traffic with a minimum of delay and a maximum use of available capacity. They should also, if possible, take account of the need to keep taxiing times for arriving and departing aircraft as well as apron occupancy time to a minimum. The airport collaborative decision making (A-CDM) concept should be implemented to improve airport capacity as early as possible.

#### *Aerodrome capacity assessment and requirement*

2.14 The declared capacity/demand condition at aerodromes should be periodically reviewed in terms of a qualitative analysis for each system component and, when applicable, the result of the qualitative assessment upon mutual agreement be used for information.

2.15 The future capacity/demand, based on a forecast for the next five years, should be agreed upon after close cooperation between aerodrome authorities and affected users.

2.16 Operators should consult with aerodrome authorities when future plans indicate a significant increased requirement for capacity resulting in one of the elements reaching a limiting condition.

2.17 Aerodrome capacity should be assessed by aerodrome authorities in consultation with the parties involved for each component (terminal/apron/aircraft operations) using agreed methods and criteria for level of delays.

2.18 Where restrictions in aerodrome capacity are identified, a full range of options for their reduction or removal should be evaluated by the aerodrome authority, in close cooperation with the operators and other involved parties. Such options should include technical/operational/procedural and environmental improvements and facility expansion.

2.19 At many aerodromes, airspace capacity has influence on the aerodrome capacity. If the declared capacity of a specified airspace has influence on aerodrome operations, this should be indicated and action undertaken to reach a capacity in this airspace corresponding to the aerodrome capacity.

2.20 The possibility of overcoming capacity limitations should also take the use of other aerodromes in the vicinity into consideration.

#### *Closure of regular aerodromes*

2.21 When a regular aerodrome is to be closed, States should ensure that sufficient alternate aerodromes remain open to provide for the safety and efficiency of aircraft approaching the regular aerodrome that may be required to divert to an alternate.

#### *Scheduling aerodrome maintenance*

2.22 States, when planning major aerodrome maintenance work that would affect the regularity of international aircraft operations, should consider the need to notify aircraft operators sufficiently in advance prior to undertaking the scheduled work.

### **3. SPECIFIC REGIONAL REQUIREMENTS**

3.1 None.

## TABLE AOP II-1 – REQUIREMENTS AND CAPACITY ASSESSMENT IN INTERNATIONAL AERODROMES IN THE EUR REGION

### EXPLANATION OF THE TABLE

*Note: Columns 3 to 5 for physical characteristics relate to runways and taxiways. The physical characteristics of taxiways and aprons should be compatible with the aerodrome reference code (Column 3) and appropriate for the runways with which they are related.*

#### Column

- 1 Name of the city and aerodrome, preceded by the location indicator.  
  
*Note 1— When the aerodrome is located on an island and no particular city or town is served by the aerodrome, the name of the island is included instead of a city.*  
  
Designation of the aerodrome as:  
RS — international scheduled air transport, regular use;  
RNS — international non-scheduled air transport, regular use;  
AS — international scheduled air transport, alternate use; and  
ANS — international non-scheduled air transport, alternate use.
- 2 Required rescue and firefighting service (RFF). The required level of protection expressed by means of an aerodrome RFF category number, in accordance with Annex 14, Volume I, 9.2.
- 3 Aerodrome reference code (RC). The aerodrome reference code for aerodrome characteristics expressed in accordance with Annex 14, Volume I, chapter 1. The code letter or number within an element selected for design purposes is related to the critical aeroplane characteristics for which the facilities are provided.
- 4 Runway Designation numbers
- 5 Type of each of the runways to be provided. The types of runways, as defined in Annex 14, Volume I, Chapter 1, are:  
NINST — non-instrument runway;  
NPA — non-precision approach runway;  
PA1 — precision approach runway, Category I;  
PA2 — precision approach runway, Category II;  
PA3 — precision approach runway, Category III.
- 6 Remarks. Additional information including critical design aircraft selected for determining RC, critical aircraft selected for determining the RFF category and critical aircraft for pavement strength. Only one critical aircraft type is shown if it is used to determine all the above three elements: otherwise different critical aircraft types need to be shown for different elements.

| City / Aerodrome / Designation                               | RFF category | Physical characteristics |                          |                                | Remarks                   |
|--------------------------------------------------------------|--------------|--------------------------|--------------------------|--------------------------------|---------------------------|
|                                                              |              | RC                       | RWY No.                  | RWY type                       |                           |
| 1                                                            | 2            | 3                        | 4                        | 5                              | 6                         |
| <b>Albania</b>                                               |              |                          |                          |                                |                           |
| <b>TIRANA</b><br>LATI RS                                     | 7            | 4C                       | 17<br>35                 | PA-1<br>NPA                    |                           |
| <b>KUKES AERODROME</b><br>LAKU RS                            | 6            | 3C                       | 01<br>19                 | -<br>NINST                     | No landing from runway 01 |
| <b>Algeria</b>                                               |              |                          |                          |                                |                           |
| <b>ADRAR / Touat-Cheikh Sidi Mohamed Belkebir</b><br>DAUA RS | 7            | 4C                       | 04<br>22                 | NPA<br>NINST                   |                           |
| <b>ALGER / Houari Boumediene</b><br>DAAG RS                  | 9            | 4E                       | 05<br>23<br>09<br>27     | NPA<br>PA-2<br>PA-1<br>NPA     |                           |
| <b>ANNABA / Rabah Bitat</b><br>DABB RS                       | 8            | 4D                       | 01<br>19<br>05<br>23     | NINST<br>PA-1<br>NINST<br>NPA  |                           |
| <b>BATNA / Mostapha Ben Boulaid</b><br>DABT RS               | 5            | 4D                       | 05<br>23                 | NINST<br>NPA                   |                           |
| <b>BEJAIA / Soummam-Abane Ramdane</b><br>DAAE RS             | 7            | 4C                       | 08<br>26                 | NINST<br>NPA                   |                           |
| <b>BISKRA / Mohamed Khider</b><br>DAUB RS                    | 6            | 4C                       | 13<br>31                 | NINST<br>PA-1                  |                           |
| <b>CHLEF</b><br>DAOI RS                                      | 6            | 4D                       | 08<br>26<br>07<br>25     | NINST<br>NPA<br>NINST<br>NINST |                           |
| <b>CONSTANTINE / Mohamed Boudiaf</b><br>DABC RS              | 8            | 4E                       | 16<br>34<br>14<br>32     | NINST<br>PA-1<br>NINST<br>PA-1 |                           |
| <b>DJANET / Tiska</b><br>DAAJ RS                             | 7            | 4D                       | 13<br>31<br>02<br>20     | NPA<br>NINST<br>NPA<br>NINST   |                           |
| <b>GHARDAIA / Noumerat-Moufdi Zakaria</b><br>DAUG RS         | 8            | 4D                       | 12<br>30<br>18<br>36     | NINST<br>PA-1<br>NINST<br>NPA  |                           |
| <b>HASSI MESSAOUD / Oued Irara-Krim Belkacem</b><br>DAUH RS  | 7            | 4D                       | 18<br>36                 | NPA<br>PA-1                    |                           |
| <b>JIJEL / Ferhat Abbas</b><br>DAAV RS                       | 5            | 4C                       | 17<br>35                 | NPA<br>NINST                   |                           |
| <b>ORAN / Ahmed Benbella</b><br>DAOO RS                      | 9            | 4E                       | 07L<br>25R<br>07R<br>25L | NINST<br>NPA<br>NINST<br>PA-1  |                           |
| <b>SETIF / 8 Mai 45</b><br>DAAS RS                           | 5            | 4C                       | 09<br>27                 | NPA<br>NINST                   |                           |
| <b>TAMANRASSET / Aguenar-Hadj Bey Akhamok</b><br>DAAT RS     | 8            | 4D                       | 02<br>20<br>08<br>26     | NPA<br>PA-1<br>NINST<br>NINST  |                           |
| <b>TEBESSA / Cheikh Larbi Tebessi</b><br>DABS RS             | 5            | 4D                       | 11<br>29                 | NPA<br>NINST                   |                           |

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| City / Aerodrome / Designation      | RFF category | Physical characteristics |            |                | Remarks |
|-------------------------------------|--------------|--------------------------|------------|----------------|---------|
|                                     |              | RC                       | RWY No.    | RWY type       |         |
| 1                                   | 2            | 3                        | 4          | 5              | 6       |
|                                     |              |                          | 14R<br>32L | NINST<br>NINST |         |
| <b>Belarus</b>                      |              |                          |            |                |         |
| <b>BREST</b>                        | 8            | 4F                       | 11<br>29   | NPA<br>NPA     |         |
| UMBB RNS                            |              |                          |            |                |         |
| <b>HOMIEL</b>                       | 6            | 4D                       | 11<br>29   | NPA<br>NPA     |         |
| UMGG RNS,AS                         |              |                          |            |                |         |
| <b>HRODNA</b>                       | 6            | 4D                       | 17<br>35   | NPA<br>NPA     |         |
| UMMG RNS                            |              |                          |            |                |         |
| <b>MAHILIOU</b>                     | 6            | 4D                       | 13<br>31   | NPA<br>NPA     |         |
| UMOO RNS                            |              |                          |            |                |         |
| <b>MINSK-1</b>                      | 5            | 3D                       | 12<br>30   | NPA<br>NPA     |         |
| UMMM RNS                            |              |                          |            |                |         |
| <b>MINSK-2</b>                      | 8            | 4F                       | 13<br>31   | PA-1<br>PA-2   |         |
| UMMS RS                             |              |                          |            |                |         |
| <b>VICIEBSK</b>                     | 6            | 4D                       | 06<br>24   | NPA<br>NPA     |         |
| UMII RNS                            |              |                          |            |                |         |
| <b>Belgium</b>                      |              |                          |            |                |         |
| <b>ANTWERPEN / Deurne</b>           | 7            | 3C                       | 11<br>29   | NINST<br>PA-1  |         |
| EBAW RS                             |              |                          |            |                |         |
| <b>BRUSSELS / Brussels-National</b> | 9            | 4E                       | 07L<br>25R | NPA<br>PA-3    |         |
| EBBR RS                             |              |                          |            |                |         |
|                                     |              | 4E                       | 07R<br>25L | NPA<br>PA-3    |         |
|                                     |              | 4E                       | 01<br>19   | PA-1<br>PA-1   |         |
| <b>CHARLEROI / Brussels South</b>   | 7 (8 O/R)    | 4D                       | 07<br>25   | NINST<br>PA-3  |         |
| EBCI RS                             |              |                          |            |                |         |
| <b>KORTRIJK / Wevelgem</b>          | 6            | 2B                       | 06<br>24   | NINST<br>NPA   |         |
| EBKT RS                             |              |                          |            |                |         |
| <b>LIEGE / Liege</b>                | 10           | 4E                       | 05R<br>23L | PA-1<br>PA-3   |         |
| EBLG RS                             |              |                          |            |                |         |
|                                     |              | 4E                       | 05L<br>23R | NINST<br>PA-1  |         |
| <b>OOSTENDE-BRUGGE / Oostende</b>   | 9            | 4E                       | 08<br>26   | NPA<br>PA-1    |         |
| EBOS RS                             |              |                          |            |                |         |
| <b>Bosnia and Herzegovina</b>       |              |                          |            |                |         |
| <b>BANJA LUKA</b>                   | 6            | 4D                       | 17<br>35   | PA-1<br>NINST  |         |
| LQBK RS                             |              |                          |            |                |         |
| <b>MOSTAR</b>                       | 6            | 4C                       | 16<br>34   | NINST<br>NPA   |         |
| LQMO RS                             |              |                          |            |                |         |
| <b>SARAJEVO</b>                     | 8            | 4D                       | 12<br>30   | PA-1<br>NINST  |         |
| LQSA RS                             |              |                          |            |                |         |
| <b>TUZLA</b>                        | 6 (7 O/R)    | 4C                       | 09<br>27   | PA-1<br>NPA    |         |
| LQTZ RS                             |              |                          |            |                |         |
| <b>Bulgaria</b>                     |              |                          |            |                |         |
| <b>BURGAS</b>                       | 8            | 4E                       | 04<br>22   | NPA<br>PA-1    |         |
| LBBG RS                             |              |                          |            |                |         |
| <b>GORNA ORYAHOVITSA</b>            | 6            | 4D                       | 09<br>27   | NPA<br>NPA     |         |
| LBGO RNS                            |              |                          |            |                |         |
| <b>PLOVDIV</b>                      | 7            | 4D                       | 12<br>30   | NPA<br>PA-1    |         |
| LBPD RS                             |              |                          |            |                |         |
| <b>SOFIA</b>                        | 8            | 4E                       | 09<br>27   | PA-1<br>PA-2/3 |         |
| LBSF RS                             |              |                          |            |                |         |
| <b>VARNA</b>                        | 8            | 4E                       | 09         | PA-1           |         |

| City / Aerodrome / Designation | RFF category              | Physical characteristics |         |          | Remarks                       |
|--------------------------------|---------------------------|--------------------------|---------|----------|-------------------------------|
|                                |                           | RC                       | RWY No. | RWY type |                               |
| 1                              | 2                         | 3                        | 4       | 5        | 6                             |
| LBWN RS                        |                           |                          | 27      | NPA      |                               |
| <b>Croatia</b>                 |                           |                          |         |          |                               |
| BRAC / Brac I.                 | 3                         | 3C                       | 04      | NPA      |                               |
| LDSB RNS                       |                           |                          | 22      | NPA      |                               |
| DUBROVNIK / Cilipi             | 6 (7 O/R)                 | 4E                       | 12      | PA-1     |                               |
| LDDU RS                        |                           |                          | 30      | NPA      |                               |
| LOSINJ / Losinj I.             | 2                         | 2B                       | 02      | NPA      |                               |
| LDLO RNS                       |                           |                          | 20      | NPA      |                               |
| OSIJEK / Klisa                 | 3                         | 4E                       | 11      | NPA      |                               |
| LDOS RS                        |                           |                          | 29      | PA-1     |                               |
| PULA                           | 3 (6 O/R)                 | 4E                       | 09      | NPA      |                               |
| LDPL RS                        |                           |                          | 27      | PA-1     |                               |
| RIJEKA / Krk I.                | 3 (6 O/R)                 | 4E                       | 14      | PA-1     |                               |
| LDRI RS                        |                           |                          | 32      | NPA      |                               |
| SPLIT / Kastela                | 6 (8 O/R)                 | 4E                       | 05      | PA-1     |                               |
| LDSP RS                        |                           |                          | 23      | NPA      |                               |
| ZADAR / Zemunik                | 3 (6 O/R)                 | 4E                       | 04      | NPA      |                               |
| LDZD RS                        |                           | 4E                       | 22      | NINST    |                               |
|                                |                           |                          | 14      | PA-1     |                               |
|                                |                           |                          | 32      | NPA      |                               |
| ZAGREB / Pleso                 | 6 (9 O/R)                 | 4E                       | 05      | PA-2/3   |                               |
| LDZA RS                        |                           |                          | 23      | PA-1     |                               |
| <b>Cyprus</b>                  |                           |                          |         |          |                               |
| LARNACA / Intl                 | 8 (9 from 01May to 31Oct) | 4E                       | 04      | NPA      |                               |
| LCLK RS                        |                           |                          | 22      | PA-1     |                               |
| NICOSIA / Intl DCA             | -                         | -                        | -       | -        | Aerodrome temporarily closed. |
| LCNC AS                        |                           | -                        | -       | -        |                               |
| PAFOS / Intl                   | 7                         | 4E                       | 11      | NPA      |                               |
| LCPH RS                        |                           |                          | 29      | PA-1     |                               |
| <b>Czech Republic</b>          |                           |                          |         |          |                               |
| BRNO / Turany                  | 7                         | 4D                       | 09      | NPA      |                               |
| LKTb RNS                       |                           |                          | 27      | PA-1     |                               |
| CESKE BUDEJOVICE               | 7                         | 4C                       | 09      | NINST    |                               |
| LKCS RNS                       |                           |                          | 27      | PA-1     |                               |
| KARLOVY VARY                   | 4 (7 O/R)                 | 3C                       | 11      | NPA      |                               |
| LKKV RS                        |                           |                          | 29      | PA-1     |                               |
| OSTRAVA / Mosnov               | 7 (10 O/R)                | 4E                       | 04      | NPA      |                               |
| LKMT RS                        |                           |                          | 22      | PA-2     |                               |
| PARDUBICE                      | 7                         | 4D                       | 09      | NPA      |                               |
| LKPD RNS                       |                           |                          | 27      | PA-1     |                               |
| PRAHA / Ruzyně                 | 10                        | 4E                       | 12      | NPA      |                               |
| LKPR RS                        |                           | 4E                       | 30      | PA-1     |                               |
|                                |                           |                          | 06      | PA-1     |                               |
|                                |                           |                          | 24      | PA-3     |                               |
|                                |                           | 4E                       | 04      | NINST    | CLSD                          |
|                                |                           |                          | 22      | NINST    | CLSD                          |
| <b>Denmark</b>                 |                           |                          |         |          |                               |
| AALBORG                        | 7                         | 4C                       | 08L     | PA-1     |                               |
| EKYT RS                        |                           |                          | 26R     | PA-1     |                               |
| AARHUS                         | 7                         | 4C                       | 10R     | PA-1     |                               |
| EKAH RS                        |                           |                          | 28L     | PA-2     |                               |
| BILLUND                        | 9                         | 4                        | 09      | PA-3     |                               |
| EKBI RS                        |                           |                          | 27      | PA-3     |                               |
|                                |                           | 4E                       | 12      | PA-2     |                               |

| City / Aerodrome / Designation                      | RFF category | Physical characteristics |                                      |                                              | Remarks                                                                                                                                                                            |
|-----------------------------------------------------|--------------|--------------------------|--------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                     |              | RC                       | RWY No.                              | RWY type                                     |                                                                                                                                                                                    |
| 1                                                   | 2            | 3                        | 4                                    | 5                                            | 6                                                                                                                                                                                  |
|                                                     |              |                          | 30                                   | PA-2                                         |                                                                                                                                                                                    |
| <b>ESBJERG</b><br>EKEB RS                           | 9            | 4D                       | 08<br>26                             | PA-1<br>PA-1                                 |                                                                                                                                                                                    |
| <b>KOBENHAVN / Kastrup</b><br>EKCH RNS              | 9            | 4E<br>4E<br>4D           | 04R<br>22L<br>04L<br>22R<br>12<br>30 | PA-1<br>PA-3<br>PA-2<br>PA-1<br>PA-1<br>PA-1 |                                                                                                                                                                                    |
| <b>KOBENHAVN / Roskilde</b><br>EKRK RNS             | 3            | 3C<br>3C                 | 03<br>21<br>11<br>29                 | NPA<br>PA-1<br>PA-1<br>NINST                 |                                                                                                                                                                                    |
| <b>KOLDING / Vamdrup</b><br>EKVD RNS                | 4            | 2B                       | 10<br>28                             | NPA<br>NPA                                   |                                                                                                                                                                                    |
| <b>ODENSE / Hans Christian Andersen</b><br>EKOD RNS | 6            | 3C                       | 06<br>24                             | NPA<br>PA-1                                  |                                                                                                                                                                                    |
| <b>RONNE</b><br>EKRN RS                             | 7            | 4C                       | 11<br>29                             | PA-1<br>PA-1                                 |                                                                                                                                                                                    |
| <b>SINDAL</b><br>EKSN RNS                           | 4            | 2B                       | 09<br>27                             | NPA<br>NINST                                 |                                                                                                                                                                                    |
| <b>SONDERBORG</b><br>EKSB RNS                       | 5            | 3C                       | 14<br>32                             | NPA<br>PA-1                                  |                                                                                                                                                                                    |
| <b>STAUNING</b><br>EKVJ RNS                         | 4            | 3C                       | 10<br>28                             | NPA<br>PA-1                                  |                                                                                                                                                                                    |
| <b>Estonia</b>                                      |              |                          |                                      |                                              |                                                                                                                                                                                    |
| <b>KARDLA</b><br>EEKA RNS                           | 4            | 3C                       | 14<br>32                             | NPA<br>NPA                                   | Within AD OPR HR: CAT 4 is ensured for scheduled traffic *<br><br>* CAT 4 emergency and fire service is provided for other flights with at least 1 hour prior notice.              |
| <b>KURESSAARE</b><br>EEKE RNS                       | 5            | 3C                       | 05<br>23<br>17<br>35                 | NINST<br>NINST<br>PA-1<br>NPA                | Within AD OPR HR: CAT 5<br><br>Outside AD OPR HR, CAT 5 is provided on request. Request to be submitted not later than 1500 (1400) to ATS unit.                                    |
| <b>LENNART MERI TALLINN</b><br>EETN RS              | 8            | 4D                       | 08<br>26                             | PA-1<br>PA-1                                 |                                                                                                                                                                                    |
| <b>PARNU</b><br>EEMU RNS                            | 3            | 1C                       | 03<br>21                             | NINST<br>NINST                               | Service available during hours of scheduled operations: CAT 3.<br><br>For other than scheduled operations the CAT 3 rescue and fire fighting service will be available on request. |
| <b>TARTU</b>                                        | 5            | 3C                       | 08                                   | NPA                                          | Within AD OPR HR                                                                                                                                                                   |

| City / Aerodrome / Designation  | RFF category | Physical characteristics |                                      |                                             | Remarks                                                                                                                                                   |
|---------------------------------|--------------|--------------------------|--------------------------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |              | RC                       | RWY No.                              | RWY type                                    |                                                                                                                                                           |
| 1                               | 2            | 3                        | 4                                    | 5                                           | 6                                                                                                                                                         |
| EETU RNS                        |              |                          | 26                                   | PA-1                                        | CAT 5. *<br><br>* Outside AD OPR HR, CAT 5 is provided on request. Request to be submitted to the AD operator not later than 1500 (1400) on previous day. |
| <b>Finland</b>                  |              |                          |                                      |                                             |                                                                                                                                                           |
| ENONTEKIO<br>EFET RNS           | 5/7          | 4C                       | 03<br>21                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| HALLI<br>EFHA RNS               | 0            | 4C                       | 08<br>26                             | NINST<br>PA-1                               |                                                                                                                                                           |
| HELSINKI-VANTAA<br>EFHK RS      | 9            | 4E<br>4E<br>4E           | 04R<br>22L<br>04L<br>22R<br>15<br>33 | PA-1<br>PA-2<br>PA-3<br>PA-2<br>PA-1<br>NPA |                                                                                                                                                           |
| IVALO<br>EFIV RNS               | 7            | 4C                       | 04<br>22                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| JOENSUU<br>EFJO RNS             | 5/7          | 4C                       | 10<br>28                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| JYVÄSKYLÄ<br>EFJY RNS           | 5/7          | 4D                       | 12<br>30                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| KAJAANI<br>EFKI RNS             | 5/7          | 4C                       | 07<br>25                             | PA-1<br>NPA                                 |                                                                                                                                                           |
| KEMI-TORNIO<br>EFKE RNS         | 5/7          | 4C                       | 18<br>36                             | PA-1<br>NPA                                 |                                                                                                                                                           |
| KITILÄ<br>EFKT RNS              | 5/7          | 4D                       | 16<br>34                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| KOKKOLA-PIETARSAARI<br>EFKK RNS | 5/7          | 4C<br>2B                 | 01<br>19<br>11<br>29                 | NPA<br>PA-1<br>NINST<br>NINST               |                                                                                                                                                           |
| KUOPIO<br>EFKU RNS              | 5/7          | 4D                       | 15<br>33                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| KUUSAMO<br>EFKS RNS             | 5/7          | 4C                       | 12<br>30                             | PA-1<br>NPA                                 |                                                                                                                                                           |
| LAPPEENRANTA<br>EFLP RNS        | 5/7          | 4D                       | 06<br>24                             | PA-1<br>NPA                                 |                                                                                                                                                           |
| MARIEHAMN<br>EFMA RS            | 5            | 4C                       | 03<br>21                             | NPA<br>PA-1                                 |                                                                                                                                                           |
| MIKKELI<br>EFMI RNS             | 5 (6 O/R)    | 3C                       | 11<br>29                             | PA-1<br>NPA                                 |                                                                                                                                                           |
| OULU<br>EFOU RS                 | 5 (7 O/R)    | 4D                       | 12<br>30                             | PA-2<br>NPA                                 |                                                                                                                                                           |
| PORI<br>EFPO RNS                | 5 (7 O/R)    | 4C<br>2B                 | 12<br>30<br>17<br>35                 | NPA<br>PA-1<br>NINST<br>NINST               |                                                                                                                                                           |
| ROVANIEMI<br>EFRO RNS           | 5/7 (8 O/R)  | 4D                       | 03<br>21                             | NPA<br>PA-2                                 |                                                                                                                                                           |
| SAVONLINNA                      | 5/7          | 4C                       | 12                                   | PA-1                                        |                                                                                                                                                           |

| City / Aerodrome / Designation                 | RFF category | Physical characteristics |                      |                                 | Remarks                     |
|------------------------------------------------|--------------|--------------------------|----------------------|---------------------------------|-----------------------------|
|                                                |              | RC                       | RWY No.              | RWY type                        |                             |
| 1                                              | 2            | 3                        | 4                    | 5                               | 6                           |
| EFSA RNS                                       |              |                          | 30                   | NPA                             |                             |
| <b>SEINÄJOKI</b><br>EFSI RNS                   | 5 (7 O/R)    | 4C                       | 14<br>32             | NPA<br>PA-1                     |                             |
| <b>TAMPERE-PIRKKALA</b><br>EFTP RS             | 5/7          | 4D                       | 06<br>24             | NPA<br>PA-1                     |                             |
| <b>TURKU</b><br>EFTU RS                        | 5/7          | 4D                       | 08<br>26             | NPA<br>PA-1                     |                             |
| <b>UTTI</b><br>EFUT RNS                        | 0            | 4C                       | 07<br>25             | NPA<br>PA-1                     |                             |
| <b>VAASA</b><br>EFVA RS                        | 5/7 (8 O/R)  | 4D<br>2B                 | 16<br>34<br>11<br>29 | PA-1<br>NPA<br>NINST<br>NINST   |                             |
| <b>France</b>                                  |              |                          |                      |                                 |                             |
| <b>AJACCIO / Napoleon Bonaparte</b><br>LFKJ RS | 7            | 4C                       | 02<br>20             | PA-1<br>NINST                   |                             |
| <b>AVIGNON-CAUMONT</b><br>LFMV RS              | 5            | 4C                       | 17<br>35             | PA-1<br>NINST                   |                             |
| <b>BALE-MULHOUSE</b><br>LFSB RS                | 8            | 4E                       | 15<br>33             | PA-3, T/O<br>PA-1               | See also under Switzerland. |
| <b>BASTIA-PORETTA</b><br>LFKB RS               | 7            | 4C                       | 16<br>34             | NINST<br>PA-1                   |                             |
| <b>BEAUVAIS-TILLE</b><br>LFOB RS               | 7            | 4D                       | 12<br>30             | PA-3, T/O<br>PA-1               |                             |
| <b>BERGERAC-ROUMANIERE</b><br>LFBE RS          | 7            | 4C                       | 10<br>28             | NPA<br>PA-1                     |                             |
| <b>BEZIERS-VIAS</b><br>LFMU RS                 | 7            | 4C                       | 09<br>27             | PA-1<br>NPA                     |                             |
| <b>BIARRITZ-ANGLET</b><br>LFBZ RS              | 7            | 4D                       | 09<br>27             | NPA<br>PA-1                     |                             |
| <b>BORDEAUX-MERIGNAC</b><br>LFBD RS            | 8            | 4E                       | 05<br>23<br>11<br>29 | NPA<br>PA-3, T/O<br>NPA<br>PA-1 |                             |
| <b>BREST / Bretagne</b><br>LFRB RS             | 7            | 4D                       | 07R<br>25L           | NPA<br>PA-3/TO                  |                             |
| <b>BRIVE-SOULLAC</b><br>LFSL RS                | 7            | 4C                       | 11<br>29             | NPA<br>PA-1                     |                             |
| <b>CALVI / Sainte-Catherine</b><br>LFKC RS     | 5            | 4D                       | 18<br>36             | NPA<br>NINST                    |                             |
| <b>CANNES-MANDELIEU</b><br>LFMD RNS            | 4            | 3C                       | 17<br>35             | NINST<br>NPA                    |                             |
| <b>CARCASSONNE-SALVAZA</b><br>LFMK RS          | 7            | 4C                       | 10<br>28             | PA-1<br>NINST                   |                             |
| <b>CHALONS-VATRY</b><br>LFOK RS                | 7            | 4E                       | 10<br>28             | PA-3,T/O<br>PA-1                |                             |
| <b>CHAMBERY / Aix-Les-Bains</b><br>LFLB RS     | 6            | 4C                       | 18<br>36             | PA-1<br>NINST                   |                             |
| <b>CLERMONT-FERRAND / Auvergne</b><br>LFLC RS  | 7            | 4D                       | 08<br>26             | NINST<br>PA-3 T/O               |                             |
| <b>DEAUVILLE / Normandie</b><br>LFRG RS        | 7            | 4C                       | 12<br>30             | NPA<br>PA-1                     |                             |
| <b>DINARD-PLEURTUIT-SAINT-MALO</b><br>LFRD RS  | 7            | 4C                       | 17<br>35<br>12       | NPA<br>PA-1<br>NINST            |                             |

| City / Aerodrome / Designation    | RFF category | Physical characteristics |         |          | Remarks |
|-----------------------------------|--------------|--------------------------|---------|----------|---------|
|                                   |              | RC                       | RWY No. | RWY type |         |
| 1                                 | 2            | 3                        | 4       | 5        | 6       |
|                                   |              |                          | 30      | NINST    |         |
| <b>DOLE-TAVALUX</b>               | 5            | 4D                       | 05      | PA-1     |         |
| LFGJ RS                           |              |                          | 23      | NINST    |         |
| <b>FIGARI-SUD-CORSE</b>           | 6            | 4C                       | 05      | NPA      |         |
| LFKF RS                           |              |                          | 23      | PA-1     |         |
| <b>GRENOBLE / Isere</b>           | 7            | 4C                       | 09      | PA-1     |         |
| LFLS RS                           |              |                          | 27      | NPA      |         |
| <b>HYERES-LE PALYVESTRE</b>       | 7            | 4C                       | 05      | PA-1     |         |
| LFTH RS                           |              |                          | 23      | NINST    |         |
| <b>LA ROCHELLE / Ile de Re</b>    | 7            | 3C                       | 09      | NINST    |         |
| LFBH RS                           |              |                          | 27      | PA-1     |         |
| <b>LILLE-LESQUIN</b>              | 7            | 4E                       | 08      | NPA      |         |
| LFQQ RS                           |              |                          | 26      | PA-3 T/O |         |
| <b>LIMOGES-BELLEGARDE</b>         | 7            | 4D                       | 03      | NPA      |         |
| LFBL RS                           |              |                          | 21      | PA-3 T/O |         |
| <b>LYON / Bron</b>                | 5            | 4C                       | 16      | NPA      |         |
| LFLY RNS                          |              |                          | 34      | PA-1     |         |
| <b>LYON / Saint Exupery</b>       | 9            | 4E                       | 18R     | NPA      |         |
| LFLI RS                           |              |                          | 36L     | PA-3 T/O |         |
|                                   |              |                          | 18L     | PA-1     |         |
|                                   |              |                          | 36R     | PA-3 T/O |         |
| <b>MARSEILLE-PROVENCE</b>         | 8            | 4E                       | 13L     | PA-3     |         |
| LFML RS                           |              |                          | 31R     | PA-1     |         |
|                                   |              |                          | 13R     | PA-1     |         |
|                                   |              |                          | 31L     | NPA      |         |
| <b>METZ-NANCY-LORRAINE</b>        | 7            | 4E                       | 04      | NPA      |         |
| LFJL RS                           |              |                          | 22      | PA-3 T/O |         |
| <b>MONTPELLIER / Mediterranee</b> | 7            | 4C                       | 12L     | NPA      |         |
| LFMT RS                           |              |                          | 30R     | PA-1     |         |
| <b>NANTES / Atlantique</b>        | 9            | 4D                       | 03      | PA-3 T/O |         |
| LFRS RS                           |              |                          | 21      | NPA      |         |
| <b>NICE / Cote d'Azur</b>         | 9            | 4E                       | 04L     | PA-1     |         |
| LFMN RS                           |              |                          | 22R     | NPA      |         |
|                                   |              |                          | 04R     | NPA      |         |
|                                   |              |                          | 22L     | NPA      |         |
| <b>NIMES-GARONS</b>               | 6            | 4C                       | 18      | PA-1     |         |
| LFTW RS                           |              |                          | 36      | NPA      |         |
| <b>PARIS / Charles de Gaulle</b>  | 10           | 4E                       | 08L     | PA-3 T/O |         |
| LFPG RS                           |              |                          | 26R     | PA-3 T/O |         |
|                                   |              |                          | 08R     | PA-3 T/O |         |
|                                   |              |                          | 26L     | PA-3 T/O |         |
|                                   |              |                          | 09L     | PA-3 T/O |         |
|                                   |              |                          | 27R     | PA-3 T/O |         |
|                                   |              |                          | 09R     | PA-3 T/O |         |
|                                   |              |                          | 27L     | PA-3 T/O |         |
| <b>PARIS / Le Bourget</b>         | 8            | 4E                       | 03      | NPA      |         |
| LFPB RNS                          |              |                          | 21      | NINST    |         |
|                                   |              |                          | 07      | PA-1     |         |
|                                   |              |                          | 25      | NPA      |         |
|                                   |              |                          | 09      | NINST    |         |
|                                   |              |                          | 27      | PA-1     |         |
| <b>PARIS / Orly</b>               | 9            | 4E                       | 06      | PA-3 T/O |         |
| LFPO RS                           |              |                          | 24      | PA-1 T/O |         |
|                                   |              |                          | 08      | NPA T/O  |         |
|                                   |              |                          | 26      | PA-3 T/O |         |

| City / Aerodrome / Designation             | RFF category | Physical characteristics |                          |                                  | Remarks              |
|--------------------------------------------|--------------|--------------------------|--------------------------|----------------------------------|----------------------|
|                                            |              | RC                       | RWY No.                  | RWY type                         |                      |
| 1                                          | 2            | 3                        | 4                        | 5                                | 6                    |
|                                            |              |                          | 02<br>20                 | PA-1<br>NPA                      |                      |
| <b>PAU / Pyrenees</b><br>LFBP RNS          | 7            | 4D                       | 13<br>31                 | NPA<br>PA-3 T/O                  |                      |
| <b>PERPIGNAN-RIVESALTES</b><br>LFMP RS     | 7            | 4C                       | 15<br>33                 | NPA<br>PA-1                      |                      |
| <b>POITIERS-BIARD</b><br>LFBI RS           | 5            | 4C                       | 03<br>21                 | NPA<br>PA-1                      |                      |
| <b>RENNES-SAINT-JACQUES</b><br>LFRN RS     | 6            | 4D                       | 10<br>28                 | NPA<br>PA-1                      |                      |
| <b>RODEZ-AVEYRON</b><br>LFCR RS            | 7            | 3C                       | 13<br>31                 | NPA<br>PA-1                      |                      |
| <b>SAINT-ETIENNE / Bouthéon</b><br>LFMH RS | 7            | 4C                       | 18<br>36                 | PA-1<br>NPA                      |                      |
| <b>STRASBOURG-ENTZHEIM</b><br>LFST RS      | 7            | 4E                       | 05<br>23                 | PA-1<br>PA-3 T/O                 |                      |
| <b>TARBES-LOURDES PYRENEES</b><br>LFBT RS  | 7            | 4D                       | 02<br>20                 | NPA<br>PA-1                      |                      |
| <b>TOULOUSE-BLAGNAC</b><br>LFBO RS         | 8            | 4E                       | 14R<br>32L<br>14L<br>32R | PA-3 T/O<br>PA-1<br>PA-1<br>PA-1 |                      |
| <b>TOURS / Val de Loire</b><br>LFOT RS     | 5            | 4D                       | 02<br>20                 | NINST<br>PA-1                    |                      |
| <b>Georgia</b>                             |              |                          |                          |                                  |                      |
| <b>BATUMI</b><br>UGSB RS                   | 5            | 4D                       | 31<br>13                 | NINST<br>NPA                     |                      |
| <b>KUTAISI / Kopitnari</b><br>UGKO RS      | 7            | 4D                       | 07<br>25                 | PA-1<br>NPA                      |                      |
| <b>TBILISI</b><br>UGTB RS                  | 7            | 4D                       | 13R<br>31L               | NPA<br>PA-1                      |                      |
| <b>Germany</b>                             |              |                          |                          |                                  |                      |
| <b>ALLENDORF/EDER</b><br>EDFQ RNS          | 3 (4 O/R)    | 2B                       | 11<br>29                 | NINST<br>NPA                     |                      |
| <b>AUGSBURG</b><br>EDMA RS                 | 2            | 2C                       | 07<br>25                 | NPA<br>PA-1                      |                      |
| <b>BARTH</b><br>EDBH RS                    |              | 2B                       | 09<br>27                 | NINST<br>NPA                     |                      |
| <b>BAUTZEN</b><br>EDAB RNS                 | 3 (4 O/R)    | 3B                       | 07<br>25                 | NINST<br>NPA                     |                      |
| <b>BAYREUTH</b><br>EDQD RS                 | 2            | 2B                       | 06<br>24                 | NPA<br>NINST                     |                      |
| <b>BERLIN BRANDENBURG</b><br>EDDB RS       | 10           | 4E                       | 07L<br>07R<br>25L<br>25R | PA-3<br>PA-3<br>PA-3<br>PA-3     |                      |
| <b>BIELEFELD</b><br>EDLI RNS               |              | -<br>-                   | 11<br>29                 | NINST<br>NINST                   | VFR only<br>VFR only |
| <b>BONN / Hangelar</b><br>EDKB RNS         |              | -                        | 11<br>29                 | NINST<br>NINST                   | VFR only<br>VFR only |
| <b>BRAUNSCHWEIG-WOLFSBURG</b><br>EDVE RNS  | 4            | 3C                       | 08<br>26                 | NPA<br>PA-1                      |                      |
| <b>BREMEN</b><br>EDDW RS                   | 8            | 4E                       | 09<br>27                 | PA-3<br>PA-3                     |                      |
| <b>COBURG / Brandensteinsebene</b>         |              | 1B                       | 12                       | NINST                            |                      |

| City / Aerodrome / Designation  | RFF category | Physical characteristics |         |          | Remarks  |
|---------------------------------|--------------|--------------------------|---------|----------|----------|
|                                 |              | RC                       | RWY No. | RWY type |          |
| 1                               | 2            | 3                        | 4       | 5        | 6        |
| EDQC RNS                        |              |                          | 30      | NPA      |          |
| <b>DONAUESCHINGEN-VILLINGEN</b> |              | 2B                       | 18      | NINST    |          |
| EDTD RNS                        |              |                          | 36      | NPA      |          |
| <b>DORTMUND</b>                 | 7            | 4D                       | 06      | PA-2     |          |
| EDLW RS                         |              |                          | 24      | PA-2     |          |
| <b>DRESDEN</b>                  | 8            | 4F                       | 04      | PA-1     |          |
| EDDC RS                         |              |                          | 22      | PA-3     |          |
| <b>DUESSELDORF</b>              | 9            | 4E                       | 05R     | PA-3     |          |
| EDDL RS                         |              | 4E                       | 23L     | PA-3     |          |
|                                 |              |                          | 05L     | PA-1     |          |
|                                 |              |                          | 23R     | PA-3     |          |
| <b>EGGENFELDEN</b>              | 2            | 2B                       | 08      | NINST    |          |
| EDME RNS                        |              |                          | 26      | NPA      |          |
| <b>EMDEN</b>                    | 3 (4 O/R)    | 3C                       | 07      | NPA      |          |
| EDWE RNS                        |              |                          | 25      | NPA      |          |
| <b>ERFURT-WEIMAR</b>            | 7 (8 O/R)    | 4E                       | 10      | PA-3     |          |
| EDDE RS                         |              |                          | 28      | PA-3     |          |
| <b>ESSEN / Muelheim</b>         |              |                          | 07      | NINST    | VFR only |
| EDLE RNS                        |              |                          | 25      | NINST    | VFR only |
| <b>FLENSBURG / Schaeferhaus</b> |              |                          | 11      | NINST    | VFR only |
| EDXF RNS                        |              |                          | 29      | NINST    | VFR only |
| <b>FRANKFURT/MAIN</b>           | 10           | 4E                       | 07L     | PA-3     |          |
| EDDF RNS                        |              | 4E                       | 25R     | PA-3     |          |
|                                 |              | 4E                       | 07C     | PA-3     |          |
|                                 |              | 4E                       | 25C     | PA-3     |          |
|                                 |              |                          | 07R     | PA-3     |          |
|                                 |              |                          | 25L     | PA-3     |          |
|                                 |              |                          | 18      | T/O      |          |
| <b>FRANKFURT-EGELSBACH</b>      |              |                          | 08      | NINST    | VFR only |
| EDFE RNS                        |              |                          | 26      | NINST    | VFR only |
| <b>FRANKFURT-HAHN</b>           | 10           | 4E                       | 03      | PA-1     |          |
| EDFH RS                         |              |                          | 21      | PA-3     |          |
| <b>FREIBURG / LBR</b>           |              |                          | 16      | NINST    | VFR only |
| EDTF RNS                        |              |                          | 34      | NINST    | VFR only |
| <b>FRIEDRICHSHAFEN</b>          | 6 (7 O/R)    | 4D                       | 06      | PA-1     |          |
| EDNY RS                         |              |                          | 24      | PA-3     |          |
| <b>GIEBELSTADT</b>              | 4            | 3C                       | 08      | NPA      |          |
| EDQG RS                         |              |                          | 26      | NPA      |          |
| <b>HAMBURG</b>                  | 9            | 4E                       | 05      | PA-1     |          |
| EDDH RS                         |              | 4E                       | 23      | PA-3     |          |
|                                 |              |                          | 15      | PA-1     |          |
|                                 |              |                          | 33      | NPA      |          |
| <b>HAMBURG-FINKENWERDER</b>     | 9            | 4F                       | 05      | PA-1     |          |
| EDHI RNS                        |              |                          | 23      | PA-1     |          |
| <b>HANNOVER</b>                 | 9            | 4E                       | 09L     | PA-3     |          |
| EDDV RS                         |              | 4E                       | 27R     | PA-3     |          |
|                                 |              |                          | 09R     | PA-1     |          |
|                                 |              |                          | 27L     | PA-1     |          |
| <b>HASSFURT-SCHWEINFURT</b>     |              | 2B                       | 11      | NINST    |          |
| EDQT RS                         |              |                          | 29      | NPA      |          |
| <b>HERINGSDORF</b>              | 6            | 4D                       | 10      | NPA      |          |
| EDAH RNS                        |              |                          | 28      | PA-1     |          |
| <b>HOF-PLAUEN</b>               | 4            | 2B                       | 08      | NPA      |          |
| EDQM RS                         |              |                          | 26      | PA-3     |          |
| <b>INGOLSTADT / Manching</b>    | 9            | MIL                      | 07R     | NPA      |          |

| City / Aerodrome / Designation              | RFF category | Physical characteristics |                                      |                                           | Remarks               |
|---------------------------------------------|--------------|--------------------------|--------------------------------------|-------------------------------------------|-----------------------|
|                                             |              | RC                       | RWY No.                              | RWY type                                  |                       |
| 1                                           | 2            | 3                        | 4                                    | 5                                         | 6                     |
| ETSI AS                                     |              |                          | 25L<br>07L<br>25R                    | PA-1<br>NPA<br>NPA                        |                       |
| <b>KARLSRUHE / Baden-Baden</b><br>EDSB RS   | 10           | 4E                       | 03<br>21                             | PA-1<br>PA-3                              |                       |
| <b>KASSEL-CALDEN</b><br>EDVK RS             | 7            | 4E                       | 09<br>27                             | PA-1<br>PA-3                              |                       |
| <b>KIEL-HOLTENAU</b><br>EDHK RNS            | 2 (5 O/R)    | 2C                       | 08<br>26                             | PA-3<br>PA-3                              |                       |
| <b>KOELN / Bonn</b><br>EDDK RS              | 10           | 4F<br>4F<br>4E           | 14L<br>32R<br>14R<br>32L<br>06<br>24 | PA-3<br>PA-3<br>NPA<br>NPA<br>NPA<br>PA-1 |                       |
| <b>KONSTANZ</b><br>EDTZ RNS                 |              |                          | 12<br>30                             | NINST<br>NINST                            | VFR only<br>VFR only  |
| <b>LAAGE</b><br>ETNL AS                     | 8            | 4D                       | 10<br>28                             | PA-1<br>PA-1                              |                       |
| <b>LAHR</b><br>EDTL RS                      | 2 (3 O/R)    | 4E                       | 03<br>21                             | NPA<br>PA-1                               |                       |
| <b>LANDSHUT</b><br>EDML RNS                 |              |                          | 07<br>25                             | NINST<br>NINST                            | VFR only<br>VFR only  |
| <b>LEIPZIG-ALTENBURG AIRPORT</b><br>EDAC RS | 3 (7 O/R)    | 4D                       | 04<br>22                             | NPA<br>PA-1                               |                       |
| <b>LEIPZIG / Halle</b><br>EDDP RS           | 10           | 4E<br>4F                 | 08L<br>26R<br>08R<br>26L             | PA-3<br>PA-3<br>PA-3<br>PA-3              |                       |
| <b>LUEBECK-BLANKENSEE</b><br>EDHL RS        | 6 (9 O/R)    | 4B                       | 07<br>25                             | PA-2<br>PA-1                              |                       |
| <b>MAGDEBURG / City</b><br>EDBM RS          |              | 2B                       | 09<br>27                             | NINST<br>NPA                              |                       |
| <b>MAGDEBURG / Cochstedt</b><br>EDBC RNS    | 4 (7 O/R)    | 4E                       | 08<br>26                             | NPA<br>PA-1                               | temporarily suspended |
| <b>MANNHEIM / City</b><br>EDFM RS           | 4            | 2B                       | 09<br>27                             | NINST<br>NPA                              |                       |
| <b>MEMMINGEN</b><br>EDJA RS                 | 6 (9 O/R)    | 3C                       | 06<br>24                             | NPA<br>PA-1                               |                       |
| <b>MENGEN-HOHENTENGEN</b><br>EDTM RNS       | 2            | 3B                       | 08<br>26                             | NINST<br>NPA                              |                       |
| <b>MOENCHENGLADBACH</b><br>EDLN RS          | 6            | 2C                       | 13<br>31                             | PA-1<br>PA-1                              |                       |
| <b>MUENCHEN</b><br>EDDM RS                  | 9 (10 O/R)   | 4F<br>4F                 | 08R<br>26L<br>08L<br>26R             | PA-3<br>PA-3<br>PA-3<br>PA-3              |                       |
| <b>MUENSTER / Osnabrueck</b><br>EDDG RS     | 8 (9 O/R)    | 4B                       | 07<br>25                             | PA-1<br>PA-3                              |                       |
| <b>NEUBRANDENBURG</b><br>EDBN AS            |              |                          | 09<br>27                             | NINST<br>NINST                            |                       |
| <b>NIEDERRHEIN</b><br>EDLV RS               | 7            | 4D                       | 09<br>27                             | NPA<br>PA-3                               |                       |
| <b>NIEDERSTETTEN</b>                        | 7            | MIL                      | 07                                   | NPA                                       |                       |

| City / Aerodrome / Designation           | RFF category | Physical characteristics |          |          | Remarks                 |
|------------------------------------------|--------------|--------------------------|----------|----------|-------------------------|
|                                          |              | RC                       | RWY No.  | RWY type |                         |
| 1                                        | 2            | 3                        | 4        | 5        | 6                       |
| ETHN AS                                  |              |                          | 25       | PA-1     |                         |
| <b>NORDHOLZ</b>                          | 8            | MIL                      | 08       | NPA      |                         |
| ETMN AS                                  |              |                          | 26       | PA-1     |                         |
| <b>NUERNBERG</b>                         | 9            | 4E                       | 10       | PA-1     |                         |
| EDDN RS                                  |              |                          | 28       | PA-3     |                         |
| <b>OBERPFAFFENHOFEN</b>                  | 6            | 3C                       | 04       | NINST    |                         |
| EDMO RNS                                 |              |                          | 22       | PA-1     |                         |
| <b>OBERSCHLEISSHEIM / Hel</b>            | H2           |                          | HELIPORT | NPA      |                         |
| EDMX RNS                                 |              |                          |          |          |                         |
| <b>OFFENBURG</b>                         |              |                          | 02       | NINST    | VFR only                |
| EDTO RNS                                 |              |                          | 20       | NINST    | VFR only                |
| <b>PADERBORN / Lippstadt</b>             | 7 (8 O/R)    | 3C                       | 06       | PA-1     |                         |
| EDLP RS                                  |              |                          | 24       | PA-1     |                         |
| <b>SAARBRUECKEN</b>                      | 7            | 3C                       | 09       | NPA      |                         |
| EDDR RS                                  |              |                          | 27       | PA-1     |                         |
| <b>SCHWAEBISCH HALL</b>                  | 3 (5 O/R)    | 2B                       | 10       | NPA      |                         |
| EDTY RNS                                 |              |                          | 28       | PA-1     |                         |
| <b>SIEGERLAND</b>                        | 3 (5 O/R)    | 3C                       | 13       | NINST    |                         |
| EDGS RS                                  |              |                          | 31       | PA-1     |                         |
| <b>STADTLOHN-VREDEN</b>                  |              |                          | 11       | NINST    | VFR only                |
| EDLS RNS                                 |              |                          | 29       | NINST    | VFR only                |
| <b>STRAUBING</b>                         | 2            | 2B                       | 09       | NINST    |                         |
| EDMS RNS                                 |              |                          | 27       | NPA      |                         |
| <b>STUTTGART</b>                         | 10           | 4E                       | 07       | PA-3     |                         |
| EDDS RS                                  |              |                          | 25       | PA-3     |                         |
| <b>SYLT</b>                              | 4            | 4D                       | 14       | NPA      |                         |
| EDXW RS                                  |              |                          | 32       | PA-1     |                         |
|                                          |              |                          | 06       | NINST    |                         |
|                                          |              |                          | 24       | NINST    |                         |
| <b>TRIER-FOEHREN</b>                     |              |                          | 04       | NINST    | VFR only                |
| EDRT RNS                                 |              |                          | 22       | NINST    | VFR only                |
| <b>WILHELMSHAVEN / Jadeweser Airport</b> | 2 (4 O/R)    | 2B                       | 02       | NPA      |                         |
| EDWI RNS                                 |              |                          | 20       | NPA      |                         |
| <b>WORMS</b>                             |              |                          | 06       | NINST    | VFR only                |
| EDFV RNS                                 |              |                          | 24       | NINST    | VFR only                |
| <b>ZWEIBRUECKEN</b>                      | 7 (9 O/R)    | 4E                       | 03       | PA-1     |                         |
| EDRZ RNS                                 |              |                          | 21       | PA-1     |                         |
| <b>Gibraltar (United Kingdom)</b>        |              |                          |          |          |                         |
| <b>GIBRALTAR / North Front</b>           | 7            | 3D                       | 09       | NINST    | Military aerodrome,     |
| LXGB RS                                  |              |                          | 27       | NINST    | PPR required            |
| <b>Greece</b>                            |              |                          |          |          |                         |
| <b>ALEXANDROUPOLIS / Dimokritos</b>      | 7            | 4D                       | 07       | NPA      |                         |
| LGAL RNS                                 |              |                          | 25       | NPA      |                         |
| <b>ALMIROS / Nea Anchialos</b>           | 7            | 4D                       | 08       | NPA      | Military/Civil/PPR      |
| LGBL RNS                                 |              |                          | 26       | NPA      |                         |
| <b>ANDRAVIDA</b>                         | 7            | 4D                       | 16       | NPA      | Military - available to |
| LGAD RNS,AS                              |              |                          | 34       | NINST    | international traffic   |
| <b>ARAXOS</b>                            | 6            | 4D                       | 18       | NPA      | Military/Civil          |
| LGRX RNS                                 |              |                          | 36       | NPA      | APP service by          |
|                                          |              |                          |          |          | Andravida HAF           |
| <b>ATHINAI / Eleftherios Venizelos</b>   | 9            | 4E                       | 03R      | PA-2     |                         |
| LGAV RS                                  |              |                          | 21L      | PA-2     |                         |
|                                          | 9            |                          | 03L      | PA-2     |                         |
|                                          |              |                          | 21R      | PA-2     |                         |
| <b>CHANIA / Ioannis Daskalogiannis</b>   | 7            | 4E                       | 11       | NPA      | Military - available to |

| City / Aerodrome / Designation                                  | RFF category | Physical characteristics |                          |                              | Remarks                                       |
|-----------------------------------------------------------------|--------------|--------------------------|--------------------------|------------------------------|-----------------------------------------------|
|                                                                 |              | RC                       | RWY No.                  | RWY type                     |                                               |
| 1                                                               | 2            | 3                        | 4                        | 5                            | 6                                             |
| LGSA RNS,AS                                                     |              |                          | 29                       | NPA                          | International traffic                         |
| <b>CHIOS / Omiros</b><br>LGHI RNS                               | 6            | 3C                       | 01<br>19                 | NPA<br>NPA                   |                                               |
| <b>ELEFSIS</b><br>LGEL AS                                       |              | A                        | 18<br>36                 | NPA<br>NPA                   | Military - available to international traffic |
| <b>IOANNINA / King Pyrros</b><br>LGIO RNS                       | 5            | 4D                       | 14<br>32                 | NPA<br>NPA                   | ATS APP-TWR from 2003                         |
| <b>IRAKLION / Nikos Kazantzakis</b><br>LGIR RS                  | 8            | 4E<br>3D                 | 09<br>27<br>13<br>31     | NPA<br>NPA<br>NPA<br>NPA     |                                               |
| <b>KALAMATA / Captain Vasilis Konstantakopoulos</b><br>LGKL RNS | 7            | 4D                       | 17R<br>35L               | NPA<br>NPA                   | Military - available to international traffic |
| <b>KAVALA / Megas Alexandros</b><br>LGKV RNS                    | 7            | 4E                       | 05R<br>23L               | NPA<br>NPA                   |                                               |
| <b>KARPATOS</b><br>LGKP RS                                      | 6            | 4C                       | 12<br>30                 | NPA<br>NPA                   | ATS TWR, APP from 2005                        |
| <b>KEFALLINIA / Anna Pollatou</b><br>LGKF RNS                   | 6            | 4D                       | 14<br>32                 | NPA<br>NPA                   | *APP service provided by Andravida HAF        |
| <b>KERKIRA / Ioannis Kapodistrias</b><br>LGKR RS                | 7            | 4D                       | 17<br>35                 | NPA<br>NPA                   |                                               |
| <b>KOS / Ippokratis</b><br>LGKO RNS,AS                          | 8            | 4E                       | 15<br>33                 | NPA<br>NPA                   |                                               |
| <b>LIMNOS / Ifaistos</b><br>LGLM RNS,AS                         | 6            | 4D                       | 04<br>22                 | NPA<br>NPA                   |                                               |
| <b>MIKONOS</b><br>LGMK RNS                                      | 6            | 4C                       | 16<br>34                 | NPA<br>NPA                   |                                               |
| <b>MITILINI / Odysseas Elytis</b><br>LGMT RNS,AS                | 6            | 4D                       | 15<br>33                 | NPA<br>NPA                   |                                               |
| <b>PREVEZA / Aktion</b><br>LGPZ RNS                             | 7            | 4D                       | 07R<br>25L<br>07L<br>25R | NINST<br>NINST<br>NPA<br>NPA | Military/Civil/PPR                            |
| <b>RODOS / Diagoras</b><br>LGRP RS                              | 8            | 4E                       | 07<br>25                 | NPA<br>PA-1                  |                                               |
| <b>SAMOS / Aristarchos of Samos</b><br>LGSM RNS                 | 7            | 4D                       | 09<br>27                 | NPA<br>NPA                   |                                               |
| <b>SANTORINI</b><br>LGSR RNS                                    | 7            | 4C                       | 16L<br>34R               | NPA<br>NPA                   |                                               |
| <b>SKIATHOS / Alexandros Papadiamandis</b><br>LGSK RNS          | 6            | 3C                       | 02<br>20                 | NPA<br>NPA                   | ATS TWR-APP from 2003                         |
| <b>THESSALONIKI / Makedonia</b><br>LGTS RS                      | 8            | 4E<br>4E                 | 16<br>34<br>10<br>28     | PA-2<br>NPA<br>PA-1<br>NPA   |                                               |
| <b>ZAKINTHOS / Dionisios Solomos</b><br>LGZA RNS                | 7            | 4C                       | 16<br>34                 | NPA<br>NPA                   | *APP service provided by Andravida HAF.       |
| <b>Hungary</b>                                                  |              |                          |                          |                              |                                               |
| <b>BUDAPEST / Liszt Ferenc International Airport</b><br>LHBP RS | 9            | 4E                       | 13R<br>31L<br>13L<br>31R | PA-2<br>PA-2<br>PA-2<br>PA-3 |                                               |
| <b>DEBRECEN / Debrecen Airport</b><br>LHDC RS, RNS              | 7            | 4C                       | 05R<br>23L               | PA-1<br>NPA                  | 05L/23R is perm. Closed                       |
| <b>GYOR / PER</b>                                               | 5            | 4C                       | 12                       | NPA                          | RFF on req 7                                  |

| City / Aerodrome / Designation                    | RFF category | Physical characteristics |                                      |                                               | Remarks                                                                       |
|---------------------------------------------------|--------------|--------------------------|--------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------|
|                                                   |              | RC                       | RWY No.                              | RWY type                                      |                                                                               |
| 1                                                 | 2            | 3                        | 4                                    | 5                                             | 6                                                                             |
| LHPR RNS                                          |              |                          | 30                                   | PA-1                                          |                                                                               |
| SARMELLEK / Heviz-Balaton Airport<br>LHSM RS, RNS | 3            | 4D                       | 16<br>34                             | PA-1<br>NPA                                   | RFF on req 7                                                                  |
| <b>Ireland</b>                                    |              |                          |                                      |                                               |                                                                               |
| CORK / Intl<br>EICK RS                            | 7            | 4D<br>3C                 | 17<br>35<br>07<br>25                 | PA-2<br>PA-1<br>NINST<br>NINST                |                                                                               |
| DUBLIN / Intl<br>EIDW RS                          | 9            | 4E<br>4E<br>4E           | 16<br>34<br>10R<br>28L<br>10L<br>28R | PA-1<br>NPA<br>PA-3<br>PA-3<br>PA-3<br>PA-3   | 11 and 29 NINST will be withdrawn and replaced by 10L/28R dates not finalized |
| IRELAND WEST<br>EIKN RS                           | 7            | 4D                       | 09<br>27                             | NPA<br>PA-2                                   |                                                                               |
| KERRY<br>EIKY RS                                  | 7            | 4D                       | 08<br>26                             | NPA<br>PA-1                                   |                                                                               |
| SHANNON / Intl<br>EINN RS                         | 9            | 4E                       | 06<br>24                             | PA-1<br>PA-2                                  |                                                                               |
| <b>Israel</b>                                     |              |                          |                                      |                                               |                                                                               |
| HAIFA<br>LLHA RNS                                 | 5            | 2C                       | 16<br>34                             | NINST<br>NINST                                |                                                                               |
| TEL-AVIV/Ben-Gurion<br>LLBG RS                    | 9            | 4E                       | 03<br>21<br>08<br>26<br>12<br>30     | NINST<br>PA-1<br>PA-1<br>PA-1<br>PA-1<br>PA-1 | (SALS)                                                                        |
| <b>Italy</b>                                      |              |                          |                                      |                                               |                                                                               |
| ALBENGA<br>LIMG RNS                               | 3            | 3C                       | 09<br>27                             | NINST<br>NPA                                  |                                                                               |
| ALGHERO / Fertilia<br>LIEA RS                     | 7            | 4D                       | 02<br>20                             | NPA<br>PA-1                                   |                                                                               |
| ANCONA / Falconara<br>LIPY RNS                    | 6            | 4D                       | 04<br>22                             | NINST<br>PA-1                                 |                                                                               |
| AOSTA<br>LIMW RNS                                 | 1            | 2B                       | 09<br>27                             | NINST<br>NPA                                  |                                                                               |
| BARI / Palese<br>LIBD RS                          | 7            | 4D                       | 07<br>25                             | PA-1<br>NPA                                   |                                                                               |
| BERGAMO / Orio al Serio<br>LIME RNS               | 7            | 4D                       | 10<br>28                             | NPA<br>PA-3                                   |                                                                               |
| BOLOGNA / Borgo Panigale<br>LIPE RS               | 7            | 4D                       | 12<br>30                             | PA-3<br>PA-1                                  |                                                                               |
| BOLZANO<br>LIPB RNS                               | 1            | 2B                       | 01<br>19                             | NPA<br>NINST                                  |                                                                               |
| BRESCIA / Montichiari<br>LIPO RS                  | 8            | 4E                       | 14<br>32                             | NPA<br>PA3                                    | RFF cat.9 and cat.10 ICAO available on request. Boeing 747-200                |
| BRINDISI / Casale<br>LIBR RS                      | 7            | 4D<br>B                  | 13<br>31<br>05<br>23                 | NPA<br>PA-1<br>NINST<br>NINST                 |                                                                               |

| City / Aerodrome / Designation                 | RFF category | Physical characteristics |                          |                              | Remarks                                                                                                                                                                         |
|------------------------------------------------|--------------|--------------------------|--------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                |              | RC                       | RWY No.                  | RWY type                     |                                                                                                                                                                                 |
| 1                                              | 2            | 3                        | 4                        | 5                            | 6                                                                                                                                                                               |
| <b>CAGLIARI / Elmas</b><br>LIEE RS             | 7            | 4D                       | 14<br>32                 | NPA<br>PA-1                  |                                                                                                                                                                                 |
| <b>CATANIA / Fontanarossa</b><br>LICC RS       | 7            | 4D                       | 08<br>26                 | PA-1<br>NPA                  |                                                                                                                                                                                 |
| <b>COMISO</b><br>LICB RS                       | 7            | 4C                       | 05<br>23                 | PA1<br>NPA                   | Boeing 737-800                                                                                                                                                                  |
| <b>COMO / Idroscalo - Water AD</b><br>LILY RNS | 1            | 2B                       | 01<br>19                 |                              | Water aerodrome                                                                                                                                                                 |
| <b>CUNEO / Levaldigi</b><br>LIMZ RNS           | 3            | 3C                       | 03<br>21                 | NINST<br>PA-1                |                                                                                                                                                                                 |
| <b>FIRENZE / Peretola</b><br>LIRQ AS           | 5            | 3C                       | 05<br>23                 | PA-1<br>NINST                |                                                                                                                                                                                 |
| <b>FOGGIA / Gino Lisa</b><br>LIBF RNS          | 2            | 3C                       | 15<br>33                 | NINST<br>NPA                 | LIBF Airport is certified as RFF Cat 5 level of protection. But RFF Cat.3, Cat.4 and Cat 5 ICAO available on request only since main traffic is operated by ICAO Cat 2 aircraft |
| <b>FORLÌ</b><br>LIPK RNS                       | 5            | 4C                       | 12<br>30                 | PA-1<br>NPA                  |                                                                                                                                                                                 |
| <b>GENOVA / Sestri</b><br>LIMJ RS              | 7            | 4E                       | 10<br>28                 | NINST<br>PA-1                |                                                                                                                                                                                 |
| <b>LAMEZIA / Terme</b><br>LICA RNS             | 6            | 4D                       | 10<br>28                 | NPA<br>PA-1                  |                                                                                                                                                                                 |
| <b>LAMPEDUSA</b><br>LICD RS                    | 7            | 3C                       | 08<br>26                 | NINST<br>NPA                 | Boeing 737-800                                                                                                                                                                  |
| <b>MARINA DI CAMPO</b><br>LIRJ RNS             | 2            | 2B                       | 16<br>34                 | NINST<br>NINST               |                                                                                                                                                                                 |
| <b>MILANO / Linate</b><br>LIML RS              | 8            | 4                        | 18<br>36                 | NPA<br>PA-3                  |                                                                                                                                                                                 |
| <b>MILANO / Malpensa</b><br>LIMC RS            | 9            | 4E                       | 17L<br>35R<br>17R<br>35L | PA-1<br>PA-3<br>NPA<br>PA-3  |                                                                                                                                                                                 |
| <b>NAPOLI / Capodichino</b><br>LIRN RS         | 7            | 4D                       | 06<br>24                 | PA-1<br>PA-1                 | Airport capacity: A and P: peak periods to be considered limited to Saturdays/Sundays                                                                                           |
| <b>OLBIA / Costa Smeralda</b><br>LIEO RS       | 7            | 4D                       | 05<br>23                 | PA-1<br>PA-1                 |                                                                                                                                                                                 |
| <b>PALERMO / Punta Raisi</b><br>LICJ RS        | 8            | 4E<br>4D                 | 07<br>25<br>02<br>20     | NPA<br>PA-1<br>NINST<br>PA-1 |                                                                                                                                                                                 |
| <b>PANTELLERIA</b><br>LICG RNS                 | 7            | 4D<br>3C                 | 03<br>21<br>08<br>26     | NPA<br>NPA<br>NPA<br>PA-1    |                                                                                                                                                                                 |
| <b>PARMA</b><br>LIMP RNS                       | 2            | 3C                       | 02<br>20                 | NINST<br>PA-1                | Only AFIS provided                                                                                                                                                              |
| <b>PERUGIA / S.Francesco</b><br>LIRZ RNS       | 2            | 3C                       | 01<br>19                 | PA-1<br>NINST                |                                                                                                                                                                                 |
| <b>PESCARA</b><br>LIBP RNS                     | 5            | 4D                       | 04<br>22                 | NINST<br>PA-1                |                                                                                                                                                                                 |

| City / Aerodrome / Designation                   | RFF category | Physical characteristics |                                      |                                             | Remarks |
|--------------------------------------------------|--------------|--------------------------|--------------------------------------|---------------------------------------------|---------|
|                                                  |              | RC                       | RWY No.                              | RWY type                                    |         |
| 1                                                | 2            | 3                        | 4                                    | 5                                           | 6       |
| <b>PISA / S.Giusto</b><br>LIRP RS                | 7            | 4E<br>4D                 | 04R<br>22L<br>04L<br>22R             | PA-1<br>NINST<br>NPA<br>NINST               |         |
| <b>REGGIO CALABRIA</b><br>LICR RNS               |              | 3C<br>3C                 | 15<br>33<br>11<br>29                 | NPA<br>NPA<br>NINST<br>NINST                |         |
| <b>RIMINI / Miramare</b><br>LIPR RNS             | 7            | 4D                       | 13<br>31                             | NPA<br>PA-1                                 |         |
| <b>ROMA / Ciampino</b><br>LIRA RNS               | 8            | 4                        | 15<br>33                             | PA-1<br>NINST                               |         |
| <b>ROMA / Fiumicino</b><br>LIRF RS               | 9            | 4E<br>4<br>4E            | 16R<br>34L<br>16L<br>34R<br>07<br>25 | PA-3<br>PA-1<br>PA-3<br>PA-1<br>NPA<br>PA-1 |         |
| <b>ROMA / Urbe</b><br>LIRU RNS                   | 3            | 2C                       | 16<br>34                             | NINST<br>NINST                              |         |
| <b>SALERNO / Pontecagnano</b><br>LIRI RNS        | 7            | 4C                       | 05<br>23                             | NPA<br>NINST                                |         |
| <b>TORINO / Caselle</b><br>LIMF RS               | 7            | 4E                       | 18<br>36                             | PA-3<br>PA-3                                |         |
| <b>TRAPANI / Birgi</b><br>LICT RNS               | 6            | 4C                       | 13R<br>31L                           | NPA<br>PA-1                                 |         |
| <b>TREVISO / S.Angelo</b><br>LIPH RNS,AS         | 6            | 4C                       | 07<br>25                             | PA-2<br>NINST                               |         |
| <b>TRIESTE / Ronchi dei Legionari</b><br>LIPQ RS | 7            | 4D                       | 09<br>27                             | PA-2<br>NINST                               |         |
| <b>VENEZIA / Lido</b><br>LIPV RNS                | 1            | 2B                       | 05<br>23                             | NINST<br>NINST                              |         |
| <b>VENEZIA / Tessera</b><br>LIPZ RS              | 7            | 4                        | 04R<br>22L                           | PA-3<br>NPA                                 |         |
| <b>VERONA / Villafranca</b><br>LIPX RS           | 7            | 4D                       | 05<br>22                             | PA-3<br>NINST                               |         |
| <b>Kazakhstan</b>                                |              |                          |                                      |                                             |         |
| <b>AKTAU</b><br>UATE RS                          | 7            | 4E                       | 11<br>29                             | PA-1<br>PA-1                                |         |
| <b>AKTOBE</b><br>UATT RS                         | 7            | 4D                       | 12<br>30                             | PA-1<br>PA-1                                |         |
| <b>ALMATY</b><br>UAAA RS                         | 9            | 4E                       | 05R<br>23L<br>05L<br>23R             | PA-1<br>PA-3<br>PA-1<br>PA-1                |         |
| <b>ASTANA</b><br>UACC RS                         | 9            | 4E                       | 04<br>22                             | PA-3<br>PA-3                                |         |
| <b>ATYRAU</b><br>UATG RS                         | 8            | 4E                       | 14<br>32                             | PA-2<br>PA-1                                |         |
| <b>KARAGANDA</b><br>UAKK RS                      | 7            | 4E                       | 05<br>23                             | PA-1<br>PA-1                                |         |
| <b>KOSTANAY</b><br>UAUU RS                       | 6            | 4D                       | 14<br>32                             | PA-1<br>PA-1                                |         |
| <b>KOKSHETAU</b>                                 | 5            | 4D                       | 02                                   | PA-1                                        |         |

| City / Aerodrome / Designation                    |      |     | RFF category | Physical characteristics |         |          | Remarks                                              |
|---------------------------------------------------|------|-----|--------------|--------------------------|---------|----------|------------------------------------------------------|
|                                                   |      |     |              | RC                       | RWY No. | RWY type |                                                      |
| 1                                                 |      |     | 2            | 3                        | 4       | 5        | 6                                                    |
|                                                   | UACK | RS  |              |                          | 20      | PA-1     |                                                      |
| <b>KYZYLORDA</b>                                  |      |     | 6            | 4D                       | 05      | PA-1     |                                                      |
|                                                   | UAOO | RS  |              |                          | 23      | NPA      |                                                      |
| <b>PAVLODAR</b>                                   |      |     | 7            | 4D                       | 03      | NPA      |                                                      |
|                                                   | UASP | RS  |              |                          | 21      | PA-1     |                                                      |
| <b>PETROPAVLOVSK</b>                              |      |     | 5            | 4D                       | 05      | NPA      |                                                      |
|                                                   | UACP | RS  |              |                          | 23      | PA-1     |                                                      |
| <b>SEMEY</b>                                      |      |     | 6            | 4D                       | 08      | NPA      |                                                      |
|                                                   | UASS | RS  |              |                          | 26      | PA-1     |                                                      |
| <b>SHYMKENT</b>                                   |      |     | 8            | 4E                       | 10      | PA-1     |                                                      |
|                                                   | UAII | RS  |              |                          | 28      | NPA      |                                                      |
| <b>TARAZ</b>                                      |      |     | 7            | 4E                       | 13      | PA-1     |                                                      |
|                                                   | UADD | RS  |              |                          | 31      | NPA      |                                                      |
| <b>URALSK</b>                                     |      |     | 6            | 4E                       | 04      | PA-1     |                                                      |
|                                                   | UARR | RS  |              |                          | 22      | PA-1     |                                                      |
| <b>TURKISTAN/ TURKISTAN INTERNATIONAL AIRPORT</b> |      |     | 7            | 4E                       | 05      | PA-1     |                                                      |
|                                                   | UAIT | RS  |              |                          | 23      | PA-1     |                                                      |
| <b>UST-KAMENOGORSK</b>                            |      |     | 6            | 4D                       | 12      | PA-1     |                                                      |
|                                                   | UASK | RS  |              |                          | 30      | PA-1     |                                                      |
| <b>ZHEZKAZGAN</b>                                 |      |     | 5            | 4D                       | 04      | PA-1     |                                                      |
|                                                   | UAKD | RS  |              |                          | 22      | PA-1     |                                                      |
| <b>Kyrgyzstan</b>                                 |      |     |              |                          |         |          |                                                      |
| <b>BISHKEK / Manas</b>                            |      |     | 9            | 4E                       | 08      | PA-2     |                                                      |
|                                                   | UCFM | RS  |              |                          | 26      | PA-2     |                                                      |
| <b>OSH</b>                                        |      |     | 7            | 4D                       | 12      | PA-1     |                                                      |
|                                                   | UCFO | RS  |              |                          | 30      | PA-1     |                                                      |
| <b>ISSYK-KUL</b>                                  |      |     | 6            | 3D                       | 07      | NINST    |                                                      |
|                                                   | UCFL | RNS |              |                          | 25      | NINST    |                                                      |
| <b>Latvia</b>                                     |      |     |              |                          |         |          |                                                      |
| <b>LIEPAJA</b>                                    |      |     | 5            | 3C                       | 06      | NPA      |                                                      |
|                                                   | EVLA | RS  |              |                          | 24      | PA-1     |                                                      |
| <b>RIGA</b>                                       |      |     | 8            | 4E                       | 18      | PA-2     |                                                      |
|                                                   | EVRA | RS  |              |                          | 36      | PA-2     |                                                      |
| <b>Lithuania</b>                                  |      |     |              |                          |         |          |                                                      |
| <b>KAUNAS</b>                                     |      |     | 7            | 4E                       | 08      | PA-1     |                                                      |
|                                                   | EYKA | RS  |              |                          | 26      | PA-2     |                                                      |
| <b>PALANGA</b>                                    |      |     | 6            | 4D                       | 01      | NPA      |                                                      |
|                                                   | EYPA | RS  |              |                          | 19      | PA-1     |                                                      |
| <b>SIAULIAI</b>                                   |      |     | 7            | 4E                       | 14      | PA-1     |                                                      |
|                                                   | EYSA | RNS |              |                          | 32      | PA-1     |                                                      |
| <b>VILNIUS</b>                                    |      |     | 7            | 4E                       | 02      | PA-2     |                                                      |
|                                                   | EYVI | RS  |              |                          | 20      | PA-1     |                                                      |
| <b>Luxembourg</b>                                 |      |     |              |                          |         |          |                                                      |
| <b>LUXEMBOURG</b>                                 |      |     | 9            | 4E                       | 06      | PA-1     |                                                      |
|                                                   | ELLX | RS  |              |                          | 24      | PA-3     |                                                      |
| <b>Malta</b>                                      |      |     |              |                          |         |          |                                                      |
| <b>LUQA</b>                                       |      |     | 7            | 4E                       | 14      | PA-1     |                                                      |
|                                                   | LMML | RS  |              | 4D                       | 32      | PA-1     |                                                      |
|                                                   |      |     |              |                          | 06      | NPA      |                                                      |
|                                                   |      |     |              |                          | 24      | NPA      |                                                      |
| <b>Monaco</b>                                     |      |     |              |                          |         |          |                                                      |
|                                                   |      |     |              |                          |         |          | Heliport only - VFR flights only – Scheduled flights |

| City / Aerodrome / Designation        | RFF category | Physical characteristics |         |                                                         | Remarks                                        |
|---------------------------------------|--------------|--------------------------|---------|---------------------------------------------------------|------------------------------------------------|
|                                       |              | RC                       | RWY No. | RWY type                                                |                                                |
| 1                                     | 2            | 3                        | 4       | 5                                                       | 6                                              |
|                                       |              |                          |         |                                                         | between Nice and Monaco.                       |
| <b>Montenegro</b>                     |              |                          |         |                                                         |                                                |
| <b>PODGORICA</b>                      | 6            | 4E                       | 18      | NINST                                                   |                                                |
| LYPG RS                               |              |                          | 36      | PA-1                                                    |                                                |
| <b>TIVAT</b>                          | 7            | 4D                       | 14      | NINST                                                   |                                                |
| LYTV RS                               |              |                          | 32      | NINST                                                   |                                                |
| <b>Morocco</b>                        |              |                          |         |                                                         |                                                |
| <b>AGADIR / Al Massira</b>            | 8            | 4E                       | 10      | NPA                                                     |                                                |
| GMAD RS                               |              |                          | 28      | NPA PA-1                                                |                                                |
| <b>AL HOCEIMA / Cherif El Idrissi</b> | 6            | 4C                       | 17      | NPA                                                     |                                                |
| GMTA RS                               |              |                          | 35      | NINST                                                   |                                                |
| <b>CASABLANCA / Mohammed V</b>        | 9            | 4E                       | 17R     | NPA PA-1                                                |                                                |
| GMMN RS                               |              |                          | 17L     | NPA                                                     |                                                |
|                                       |              |                          | 35R     | NPA PA-3                                                |                                                |
|                                       |              |                          | 35L     | NPA PA-3                                                |                                                |
| <b>ERRACHIDIA / Moulay Ali Cherif</b> | 6            | 4C                       | 13      | NINST                                                   |                                                |
| GMFK RNS                              |              |                          | 31      | NPA PA-1                                                |                                                |
| <b>ESSAOUIRA / Mogador</b>            | 5            | 4C                       | 16      | NPA                                                     |                                                |
| GMMI RS                               |              |                          | 34      | NINST                                                   |                                                |
| <b>FES / Saiss</b>                    | 8            | 4E                       | 09      | NPA                                                     |                                                |
| GMFF RS                               |              |                          | 27      | NPA PA-1                                                |                                                |
| <b>MARRAKECH / Menara</b>             | 7            | 4E                       | 10      | NPA PA-1                                                |                                                |
| GMMX RS                               |              |                          | 28      | NINST                                                   |                                                |
| <b>NADOR / El Aroui</b>               | 7            | 4E                       | 08      | NPA PA-1                                                |                                                |
| GMMW RS                               |              |                          | 26      | NPA                                                     |                                                |
| <b>OUARZAZATE</b>                     | 7            | 4C                       | 12      | NINST                                                   |                                                |
| GMMZ RS                               |              |                          | 30      | NPA PA-1                                                |                                                |
| <b>OUJDA / Angads</b>                 | 7            | 4E                       | 06      | NPA PA-1                                                |                                                |
| GMFO RS                               |              |                          | 24      | NINST                                                   |                                                |
|                                       |              |                          | 13      | NPA                                                     |                                                |
|                                       |              |                          | 31      | NINST                                                   |                                                |
| <b>RABAT / Sale</b>                   | 7            | 4E                       | 03      | NINST                                                   |                                                |
| GMME RS                               |              |                          | 21      | NPA PA-1                                                |                                                |
| <b>TANGER / Ibn Batouta</b>           | 7            | 4E                       | 10      | NPA                                                     |                                                |
| GMTT RS                               |              |                          | 28      | NPA PA-1                                                |                                                |
| <b>TAN-TAN / Plage Blanche</b>        | 3            | 4C                       | 03      | NPA                                                     |                                                |
| GMAT RS                               |              |                          | 21      | NINST                                                   |                                                |
| <b>TETOUAN / Saniat R'mel</b>         | 5            | 4C                       | 06      | NINST                                                   |                                                |
| GMTN RS                               |              |                          | 24      | NPA                                                     |                                                |
| <b>Netherlands</b>                    |              |                          |         |                                                         |                                                |
| <b>AMSTERDAM / Schiphol</b>           | 10           | 4E                       | 09      | NPA                                                     |                                                |
| EHAM RS                               |              |                          | 27      | PA-3                                                    |                                                |
|                                       |              | 4E                       | 36C     | PA-3                                                    |                                                |
|                                       |              |                          | 18C     | PA-3                                                    |                                                |
|                                       |              | 4E                       | 36R     | PA-3                                                    |                                                |
|                                       |              | 4F                       | 18L     | Not AVBL for landing,<br>except in case of an emergency |                                                |
|                                       |              |                          | 36L     |                                                         |                                                |
|                                       |              | 4E                       | 18R     | PA-3                                                    |                                                |
|                                       |              |                          | 06      | PA-3                                                    |                                                |
|                                       |              |                          | 24      | NPA                                                     |                                                |
|                                       |              | 4D                       | 04      | NPA                                                     |                                                |
|                                       |              |                          | 22      | PA-1                                                    |                                                |
| <b>DEN HELDER / De Kooy</b>           | 4 (6 O/R)    | 3C                       | 03      | NPA                                                     | Military AD with civil use. Civil traffic PPR. |
| EHKD RNS                              |              |                          | 21      | PA-1                                                    |                                                |

| City / Aerodrome / Designation        | RFF category                                                                              | Physical characteristics |                          |                              | Remarks                                                                                                                   |
|---------------------------------------|-------------------------------------------------------------------------------------------|--------------------------|--------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------|
|                                       |                                                                                           | RC                       | RWY No.                  | RWY type                     |                                                                                                                           |
| 1                                     | 2                                                                                         | 3                        | 4                        | 5                            | 6                                                                                                                         |
| <b>EINDHOVEN</b>                      | 8                                                                                         | 4E                       | 03                       | PA-1                         | Military AD with civil use                                                                                                |
| EHEH RS                               |                                                                                           |                          | 21                       | PA-1                         | AD PPR and slot co-ordinated for CIV ACFT. AD AVBL as preplanned alternate for CIV ACFT                                   |
| <b>GRONINGEN / Eelde</b>              | CAT5<br>MON-FRI<br>0700-1600<br>0600-1500;<br>CAT3: all<br>other<br>operational<br>hours. | 4E                       | 05                       | NPA                          | RFF: CAT 4, 5, 6, 7, and 8 AVBL O/R 24 HR PN                                                                              |
| EHGG RNS, AS                          |                                                                                           | 3C                       | 23<br>01                 | PA-1<br>NINST                |                                                                                                                           |
|                                       |                                                                                           |                          | 19                       | NINST                        |                                                                                                                           |
| <b>LELYSTAD</b>                       | 3 (CAT 4 and 5 AVLB 72 HR PN)                                                             | 3C                       | 05<br>23                 | NPA<br>NPA                   | OPEN: IFR from MON-FRI only outside UDP, during AD OPR HR.                                                                |
| EHLE RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>MAASTRICHT / Maastricht Aachen</b> | CAT 7 passenger flights and CAT 8-9 cargo flights AVBL.                                   | 4D                       | 03<br>21                 | PA-1<br>PA-3                 | RFF: CAT 8-9 passenger flights after 48 HR prior request                                                                  |
| EHBK RNS, AS                          |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>ROTTERDAM</b>                      | 7 (CAT 8 or 9 O/R 24 HR PN).                                                              | 4E                       | 06<br>24<br>21           | PA-1<br>PA-1<br>NPA          | During snow clearing and anti/de-icing operations CAT may be temporarily CAT 5, only in case of no active CAT 6/7 traffic |
| EHRD RS                               |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>North Macedonia</b>                |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>OHRID</b>                          | 7                                                                                         | 4D                       | 01<br>19                 | PA-1<br>NINST                |                                                                                                                           |
| LWOH RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>SKOPJE / Petrovec</b>              | 7                                                                                         | 4D                       | 16<br>34                 | NINST<br>PA-2                |                                                                                                                           |
| LWSK RS                               |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>Norway</b>                         |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>ALESUND / Vigra</b>                | 6                                                                                         | 4C                       | 07<br>25                 | NPA<br>PA-1                  |                                                                                                                           |
| ENAL RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>ALTA</b>                           | 6                                                                                         | 4C                       | 12<br>30                 | PA-1<br>NINST                | Airport capacity : new terminal building                                                                                  |
| ENAT RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>BERGEN / Flesland</b>              | 7                                                                                         | 4E                       | 17<br>35                 | PA-1<br>PA-1                 | Airport capacity : heli/fixed wing sep.                                                                                   |
| ENBR RS                               |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>BODO</b>                           | 7                                                                                         | 4D                       | 08<br>26                 | PA-1<br>PA-1                 |                                                                                                                           |
| ENBO RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>HARSTAD / Narvik / Evenes</b>      | 6                                                                                         | 4E                       | 18<br>36                 | PA-1<br>NPA                  | Airport capacity : new terminal building                                                                                  |
| ENEV RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>KIRKENES / Hoybuktmoen</b>         | 6                                                                                         | 4C                       | 06<br>24                 | NPA<br>PA-1                  | Airport capacity : new terminal building                                                                                  |
| ENKR RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>KRISTIANSAND / Kjevik</b>          | 6                                                                                         | 4C                       | 04<br>22                 | PA-1<br>PA-1                 |                                                                                                                           |
| ENCN RS                               |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>LAKSELV / Banak</b>                | 6                                                                                         | 4C                       | 17<br>35                 | NPA<br>PA-1                  |                                                                                                                           |
| ENNA RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>OSLO / Gardermoen</b>              | 9                                                                                         | 4E                       | 01L<br>19R<br>01R<br>19L | PA-3<br>PA-3<br>PA-3<br>PA-3 |                                                                                                                           |
| ENGM RNS                              |                                                                                           |                          |                          |                              |                                                                                                                           |
| <b>SANDEFJORD / Torp</b>              | 4                                                                                         | 4C                       | 18                       | PA-1                         |                                                                                                                           |

| City / Aerodrome / Designation            | RFF category | Physical characteristics |                      |                              | Remarks                                                         |
|-------------------------------------------|--------------|--------------------------|----------------------|------------------------------|-----------------------------------------------------------------|
|                                           |              | RC                       | RWY No.              | RWY type                     |                                                                 |
| 1                                         | 2            | 3                        | 4                    | 5                            | 6                                                               |
| ENTO RS                                   |              |                          | 36                   | NPA                          |                                                                 |
| STAVANGER / Sola<br>ENZV RS               | 7            | 4E<br>4D                 | 18<br>36<br>11<br>29 | PA-2<br>PA-1<br>PA-1<br>NPA  | Airport capacity :<br>- terminal extension<br>- apron expansion |
| TROMSO / Langnes<br>ENTC RS               | 6            | 4C                       | 01<br>19             | PA-1<br>PA-1                 |                                                                 |
| TRONDHEIM / Varnes<br>ENVA RS             | 6            | 4D                       | 09<br>27             | PA-1<br>PA-1                 |                                                                 |
| <b>Poland</b>                             |              |                          |                      |                              |                                                                 |
| BYDGOSZCZ / Szwederowo<br>EPBY RS         | 7            | 4D                       | 08<br>26             | NPA<br>PA-1                  |                                                                 |
| GDANSK / im Lecha Walesy<br>EPGD RS       | 7            | 4D                       | 11<br>29             | NPA<br>PA-2                  |                                                                 |
| KATOWICE / Pyrzowice<br>EPKT RS           | 8            | 4D                       | 09<br>27             | NPA<br>PA-2                  |                                                                 |
| KRAKOW / Balice<br>EPKK RS                | 8            | 4D                       | 07<br>25             | NPA<br>PA-1                  |                                                                 |
| LODZ / Lublinek<br>EPLL RS                | 7            | 3C                       | 07<br>25             | NPA<br>PA-1                  |                                                                 |
| LUBLIN<br>EPLB RS                         | 7            | 4D                       | 07<br>25             | NPA<br>PA-2                  |                                                                 |
| OLSZTYN / Mazury<br>EPSY RS               | 7            | 4D                       | 01<br>19             | PA-1<br>NPA                  |                                                                 |
| POZNAN / Lawica<br>EPPO RS                | 7            | 4D                       | 10<br>28             | NPA<br>PA-1                  |                                                                 |
| RADOM / Sadkow<br>EPRA RS                 | 7            | 4D                       | 07<br>25             | NPA<br>NPA                   |                                                                 |
| RZESZOW / Jasionka<br>EPRZ RS             | 7            | 4D                       | 09<br>27             | NPA<br>PA-2                  |                                                                 |
| SZCZECIN / Goleniow<br>EPSC RS            | 7            | 4D                       | 13<br>31             | NPA<br>PA-1                  |                                                                 |
| WARSZAWA / Chopina w Warszawie<br>EPWA RS | 9            | 4E                       | 15<br>33<br>11<br>29 | NPA<br>PA-3<br>PA-2<br>NPA   |                                                                 |
| WARSZAWA / Modlin<br>EPMO RS              | 7            | 4C                       | 08<br>26             | PA-2<br>NPA                  |                                                                 |
| WROCLAW / Strachowice<br>EPWR RS          | 7            | 4D                       | 11<br>29             | NPA<br>PA-2                  |                                                                 |
| ZIELONA GORA / Babimost<br>EPZG AS        | 6            | 4D                       | 06<br>24             | NPA<br>PA-1                  |                                                                 |
| <b>Portugal</b>                           |              |                          |                      |                              |                                                                 |
| FARO<br>LPFR RS                           | 8 (9 O/R)    | 4E                       | 10<br>28             | NPA<br>PA-2                  | APV BaroVNAV                                                    |
| LISBOA<br>LPPT RS                         | 9 (10 O/R)   | 4E<br>4E                 | 03<br>21<br>17<br>35 | PA-1<br>PA-3<br>NINST<br>NPA |                                                                 |
| MADEIRA<br>LPMA RS                        | 7 (9 O/R)    | 4E                       | 05<br>23             | NINST<br>NPA                 |                                                                 |
| PORTO<br>LPPR RS                          | 8 (9 O/R)    | 4E                       | 17<br>35             | PA-1<br>NPA                  |                                                                 |
| PORTO SANTO<br>LPPS AS                    | 7 (8 O/R)    | 4E                       | 18<br>36             | NPA<br>NPA                   |                                                                 |

| City / Aerodrome / Designation              | RFF category                                                        | Physical characteristics |                          |                                      | Remarks                              |
|---------------------------------------------|---------------------------------------------------------------------|--------------------------|--------------------------|--------------------------------------|--------------------------------------|
|                                             |                                                                     | RC                       | RWY No.                  | RWY type                             |                                      |
| 1                                           | 2                                                                   | 3                        | 4                        | 5                                    | 6                                    |
| <b>Republic of Moldova</b>                  |                                                                     |                          |                          |                                      |                                      |
| CHISINAU<br>LUKK RS                         | 7                                                                   | 4D                       | 08<br>26<br>09<br>27     | PA-2<br>PA-1<br>NPA<br>NPA           |                                      |
| MARCULESTI<br>LUBM RNS                      | 5 RFF<br>Category is<br>expected to<br>be increased<br>to 7 shortly | 3C                       | 25<br><br>07             |                                      | Only VFR<br>No Passenger<br>Terminal |
| <b>Romania</b>                              |                                                                     |                          |                          |                                      |                                      |
| ARAD<br>LRAR RS                             | 5                                                                   | 4D                       | 09<br>27                 | PA-1<br>PA-1                         |                                      |
| BACAU<br>LRBC RS                            | 6                                                                   | 4E                       | 16<br>34                 | PA-1<br>PA-1                         |                                      |
| BAIA MARE<br>LRBM RNS                       | 6                                                                   | 4C                       | 10<br>28                 | PA-1<br>NINST                        |                                      |
| BUCURESTI / Baneasa-Aurel Vlaicu<br>LRBS RS | 8                                                                   | 4E                       | 07<br>25                 | PA-1<br>PA-1 T/O                     |                                      |
| BUCURESTI / Henri Coanda<br>LROP RS         | 9                                                                   | 4E                       | 08L<br>26R<br>08R<br>26L | PA-3<br>PA-2 T/O<br>PA-3<br>PA-2 T/O |                                      |
| CLUJ NAPOCA / Avram Iancu<br>LRCL RS        | 6                                                                   | 4C                       | 07<br>25                 | PA-1<br>PA-1                         |                                      |
| CONSTANTA / Mihail Kogalniceanu<br>LRCK RS  | 7                                                                   | 4E                       | 18<br>36                 | PA-1<br>PA-1                         |                                      |
| CRAIOVA<br>LRCV RNS                         | 3                                                                   | 4C                       | 09<br>27                 | NPA<br>NPA                           |                                      |
| IASI<br>LRIA RS                             | 6                                                                   | 4D                       | 14<br>32                 | PA-1<br>NPA                          |                                      |
| ORADEA<br>LROD RS                           | 5                                                                   | 4D                       | 01<br>19                 | NINST<br>PA-1                        |                                      |
| SATU MARE<br>LRSM RS                        | 7                                                                   | 4E                       | 01<br>19                 | NPA<br>NPA                           |                                      |
| SIBIU<br>LRSB RS                            | 4                                                                   | 4D                       | 09<br>27                 | NINST<br>PA-1                        |                                      |
| SUCEAVA / Stefan Cel Mare<br>LRSV RNS       | 5                                                                   | 4D                       | 16<br>34                 | PA-1<br>PA-1                         |                                      |
| TARGU MURES / Transilvania<br>LRTM RNS      | 5                                                                   | 4C                       | 07<br>25                 | PA-1<br>NINST                        |                                      |
| TIMISOARA / Traian Vuia<br>LRTR RS          | 7                                                                   | 4E                       | 11<br>29                 | PA-1<br>PA-2 T/O                     |                                      |
| TULCEA / Delta Dunarii<br>LRTC RNS          | 5                                                                   | 4D                       | 16<br>34                 | NINST<br>PA-1                        |                                      |
| <b>Russian Federation</b>                   |                                                                     |                          |                          |                                      |                                      |
| ABAKAN<br>UNAA RS                           | 7                                                                   | 4F                       | 02R<br>20L               | NPA<br>NPA                           |                                      |
| ANADYR / Ugolny<br>UHMA RNS                 | 7                                                                   | 4D                       | 01<br>19                 | NPA<br>NPA                           |                                      |
| ANAPA / Vityazevo<br>URKA RS                | 7                                                                   | 4D                       | 04<br>22                 | PA-1<br>NPA                          |                                      |
| ARKHANGELSK / Talagi<br>ULAA RS             | 7                                                                   | 4D                       | 08<br>26                 | PA-1<br>PA-1                         |                                      |
| ASTRAKHAN                                   | 7                                                                   | 4D                       | 09                       | PA-1                                 |                                      |

| City / Aerodrome / Designation    | RFF category | Physical characteristics |                          |                            | Remarks |
|-----------------------------------|--------------|--------------------------|--------------------------|----------------------------|---------|
|                                   |              | RC                       | RWY No.                  | RWY type                   |         |
| 1                                 | 2            | 3                        | 4                        | 5                          | 6       |
| URWA RS                           |              |                          | 27                       | PA-1                       |         |
| <b>BARNAUL / Mikhaylovka</b>      | 7            | 4D                       | 06                       | NPA                        |         |
| UNBB RS                           |              |                          | 24                       | NPA                        |         |
| <b>BEGISHEVO</b>                  | 7            | 4D                       | 03                       | NPA                        |         |
| UWKE RS                           |              |                          | 21                       | PA-1                       |         |
| <b>BELGOROD</b>                   | 7            | 4D                       | 11                       | NPA                        |         |
| UUOB RS                           |              |                          | 29                       | NPA                        |         |
| <b>BLAGOVESHCHENSK / Ignatyev</b> | 8            | 4D                       | 18                       | NPA                        |         |
| UHBB RS                           |              |                          | 36                       | PA-1                       |         |
| <b>BRATSK</b>                     | 8            | 4F                       | 12                       | NPA                        |         |
| UIBB RS                           |              |                          | 30                       | PA-1                       |         |
| <b>BRYANSK</b>                    | 5            | 4D                       | 17                       | NPA                        |         |
| UUBP RNS                          |              |                          | 35                       | NPA                        |         |
| <b>CHEBOKSARY</b>                 | 6            | 4D                       | 06                       | PA-1                       |         |
| UWKS RNS                          |              |                          | 24                       | PA-1                       |         |
| <b>CHELYABINSK / Balandino</b>    | 8            | 4D                       | 09                       | PA-1                       |         |
| USCC RS                           |              |                          | 27                       | PA-1                       |         |
| <b>CHEREPOVETS</b>                | 5            | 4D                       | 03                       | NPA                        |         |
| ULWC RS                           |              |                          | 21                       | NPA                        |         |
| <b>CHITA / Kadala</b>             | 7            | 4D                       | 11                       | NPA                        |         |
| UIAA RNS                          |              |                          | 29                       | PA-1                       |         |
| <b>ELISTA</b>                     | 6            | 4D                       | 09                       | NPA                        |         |
| URWI RS                           |              |                          | 27                       | NPA                        |         |
| <b>GROZNY / Severny</b>           | 6            | 4D                       | 08                       | NPA                        |         |
| URMG RS                           |              |                          | 26                       | RA-1                       |         |
| <b>IRKUTSK</b>                    | 8            | 4D                       | 12                       | PA-1                       |         |
| UIII RS                           |              |                          | 30                       | PA-1                       |         |
| <b>KALININGRAD / Khrabrovo</b>    | 7            | 4D                       | 06                       | NPA                        |         |
| UMKK RS                           |              |                          | 24                       | PA-1                       |         |
| <b>KALUGA/Grabtsevo</b>           | 6            | 4C                       | 13                       | NPA                        |         |
| UUBC RS                           |              |                          | 31                       | NPA                        |         |
| <b>KAZAN</b>                      | 8            | 4D                       | 11                       | PA-2                       |         |
| UWKD RS                           |              |                          | 29                       | PA-1                       |         |
| <b>KEMEROVO</b>                   | 8            | 4E                       | 05                       | NPA                        |         |
| UNEE RS                           |              |                          | 23                       | PA-1                       |         |
| <b>KHABAROVSK / Novy</b>          | 9            | 4F                       | 05R<br>23L<br>05L<br>23R | PA-1<br>PA-2<br>NPA<br>NPA |         |
| <b>KHANTY-MANSIYSK</b>            | 7            | 4D                       | 06                       | NPA                        |         |
| USHH RS                           |              |                          | 24                       | PA-1                       |         |
| <b>KRASNODAR / Pashkovskiy</b>    | 7            | 4D                       | 05R<br>23L<br>05L<br>23R | PA-1<br>PA-1<br>NPA<br>NPA |         |
| <b>KRASNOYARSK</b>                | 8            | 4D                       | 11                       | PA-2                       |         |
| UNKL RS                           |              |                          | 29                       | PA-2                       |         |
| <b>KURSK / Vostochny</b>          | 6            | 4D                       | 12                       | NPA                        |         |
| UUOK RNS                          |              |                          | 30                       | NPA                        |         |
| <b>LIPETSK</b>                    | 5            | 4D                       | 15                       | NPA                        |         |
| UUOL RS                           |              |                          | 33                       | PA-1                       |         |
| <b>MAGADAN / Sokol</b>            | 8            | 4D                       | 10                       | PA-1                       |         |
| UHMM RS                           |              |                          | 28                       | NPA                        |         |
| <b>MAGNITOGORSK</b>               | 6            | 4D                       | 01                       | NPA                        |         |
| USCM RS                           |              |                          | 19                       | PA-1                       |         |

| City / Aerodrome / Designation                        | RFF category | Physical characteristics |                          |                              | Remarks |
|-------------------------------------------------------|--------------|--------------------------|--------------------------|------------------------------|---------|
|                                                       |              | RC                       | RWY No.                  | RWY type                     |         |
| 1                                                     | 2            | 3                        | 4                        | 5                            | 6       |
| <b>MAKHACHKALA / Uytash</b><br>URML RS                | 7            | 4D                       | 14<br>32                 | PA-1<br>PA-1                 |         |
| <b>MINERALNYYE VODY</b><br>URMM RS                    | 8            | 4E                       | 12<br>30                 | PA-2<br>PA-1                 |         |
| <b>MIRNY</b><br>UERR AS                               | 7            | 4D                       | 07<br>25                 | NPA<br>PA-1                  |         |
| <b>MOSCOW / Domodedovo</b><br>UDD RS                  | 9            | 4F                       | 14L<br>32R<br>14R<br>32L | PA-1<br>PA-2<br>PA-2<br>PA-1 |         |
| <b>MOSCOW / Sheremetyevo</b><br>UUEE RS               | 9            | 4F                       | 07L<br>25R<br>07R<br>25L | PA-1<br>PA-2<br>PA-2<br>PA-2 |         |
| <b>MOSCOW / Vnukovo</b><br>UUWW RS                    | 9            | 4F                       | 06<br>24<br>01<br>19     | PA-2<br>PA-2<br>PA-1<br>PA-2 |         |
| <b>MURMANSK</b><br>ULMM RS                            | 7            | 4D                       | 13<br>31                 | PA-1<br>PA-1                 |         |
| <b>NALCHIK</b><br>URMN RS                             | 7            | 4D                       | 06<br>24                 | NINST<br>PA-1                |         |
| <b>NIZHNEVARTOVSK</b><br>USNN RS                      | 7            | 4D                       | 03<br>21                 | RA-1<br>RA-1                 |         |
| <b>NIZHNY NOVGOROD / Strigino</b><br>UWGG RS          | 7            | 4D                       | 18L<br>36R<br>18R<br>36L | NPA<br>NPA<br>PA-1<br>PA-1   |         |
| <b>NORILSK / Alykel</b><br>UOOO AS                    | 7            | 4D                       | 01<br>19                 | PA-1<br>PA-1                 |         |
| <b>NOVOKUZNETSK / Spichenkovo</b><br>UNWW RNS         | 7            | 4D                       | 01<br>19                 | NPA<br>PA-1                  |         |
| <b>NOVOSIBIRSK / Tolmachevo</b><br>UNNT RS            | 9            | 4D                       | 07<br>25                 | PA-1<br>PA-1                 |         |
| <b>OMSK / Tsentralny</b><br>UNOO RS                   | 7            | 4D                       | 07<br>25                 | NPA<br>NPA                   |         |
| <b>ORENBURG</b><br>UWOO RS                            | 7            | 4D                       | 08<br>26                 | PA-1<br>PA-1                 |         |
| <b>ORSK</b><br>UWOR RNS                               | 7            | 4D                       | 07<br>25                 | NPA<br>PA-1                  |         |
| <b>OSTAFYEVO</b><br>UUMO RS                           | 5            | 4D                       | 08<br>26                 | NPA<br>NPA                   |         |
| <b>PERM / Bolshoe Savino</b><br>USPP RS               | 7            | 4D                       | 03<br>21                 | NPA<br>PA-1                  |         |
| <b>PETROPAVLOVSK-KAMCHATSKY / Yelizovo</b><br>UHPP RS | 8            | 4F                       | 16L<br>34R               | NPA<br>PA-1                  |         |
| <b>PETROZAVODSK / Besovets</b><br>ULPB RNS            | 5            | 4D                       | 02<br>20                 | NPA<br>NPA                   |         |
| <b>POLIARNY</b><br>UERP AS                            | 7            | 4D                       | 17<br>35                 | -<br>NPA                     |         |
| <b>PROVIDENIYA BAY</b><br>UHMD AS                     | 3            | 3D                       | 01<br>19                 | NPA<br>NINST                 |         |
| <b>PSKOV</b><br>ULOO RNS                              | 5            | 4D                       | 01<br>19                 | NPA<br>NPA                   |         |
| <b>RAMENSKOYE</b>                                     | 8            | 4F                       | 12                       | NPA                          |         |

| City / Aerodrome / Designation   | RFF category | Physical characteristics |         |          | Remarks |
|----------------------------------|--------------|--------------------------|---------|----------|---------|
|                                  |              | RC                       | RWY No. | RWY type |         |
| 1                                | 2            | 3                        | 4       | 5        | 6       |
| UUBW RS                          |              |                          | 30      | PA-1     |         |
| <b>ROSTOV-NA-DONU/PLATOV</b>     | 8            | 4D                       | 04      | PA-2     |         |
| URRP RS                          |              |                          | 22      | PA-1     |         |
| <b>SABETTA</b>                   | 8            | 4D                       | 04      | PA-1     |         |
| USDA RS                          |              |                          | 22      | NPA      |         |
| <b>SALEKHARD</b>                 | 6            | 4D                       | 04      | PA-1     |         |
| USDD AS                          |              |                          | 22      | PA-1     |         |
| <b>SAMARA / Kurumoch</b>         | 8            | 4E                       | 05      | PA-1     |         |
| UWWW RS                          |              |                          | 23      | PA-1     |         |
|                                  |              |                          | 15      | PA-1     |         |
|                                  |              |                          | 33      | PA-1     |         |
| <b>SANKT-PETERBURG / Pulkovo</b> | 9            | 4F                       | 10L     | PA-2     |         |
| ULLI RS                          |              |                          | 28R     | PA-2     |         |
|                                  |              |                          | 10R     | PA-2     |         |
|                                  |              |                          | 28L     | PA-1     |         |
| <b>SARANSK</b>                   | 6            | 4C                       | 02      | NPA      |         |
| UWPS RNS                         |              |                          | 20      | PA-2     |         |
| <b>SARATOV / Gagarin</b>         | 7            | 4D                       | 08      | PA-1     |         |
| UWSG RS                          |              |                          | 26      | PA-1     |         |
| <b>SOCHI</b>                     | 8            | 4E                       | 02      | NPA      |         |
| URSS RS                          |              |                          | 20      | NPA      |         |
|                                  |              |                          | 06      | NPA      |         |
|                                  |              |                          | 24      | NPA      |         |
| <b>STAVROPOL / Shpakovskoye</b>  | 7            | 4D                       | 07      | PA-1     |         |
| URMT RS                          |              |                          | 25      | PA-1     |         |
| <b>SURGUT</b>                    | 7            | 4D                       | 07      | PA-1     |         |
| USRR RS                          |              |                          | 25      | PA-1     |         |
| <b>SYKTYVKAR</b>                 | 7            | 4D                       | 01      | NPA      |         |
| UUYU RS                          |              |                          | 19      | NPA      |         |
| <b>TOMSK / Bogashevo</b>         | 7            | 4D                       | 03      | PA-1     |         |
| UNTT RS                          |              |                          | 21      | NPA      |         |
| <b>TYUMEN / Roshchino</b>        | 7            | 4D                       | 03      | NPA      |         |
| USTR RS                          |              |                          | 21      | PA-1     |         |
|                                  |              |                          | 12      | NPA      |         |
|                                  |              |                          | 30      | NPA      |         |
| <b>UFA</b>                       | 8            | 4F                       | 14R     | PA-2     |         |
| UWUU RS                          |              |                          | 32L     | NPA      |         |
|                                  |              |                          | 14L     | PA-1     |         |
|                                  |              |                          | 32R     | PA-1     |         |
| <b>ULAN-UDE / Mukhino</b>        | 7            | 4D                       | 08      | NPA      |         |
| UIUU RS                          |              |                          | 26      | NPA      |         |
| <b>ULYANOVSK/ Baratyevka</b>     | 7            | 4D                       | 02      | PA-2     |         |
| UWLL RNS                         |              |                          | 20      | NPA      |         |
| <b>ULYANOVSK / Vostochny</b>     | 8            | 4F                       | 02      | PA-1     |         |
| UWLW RS                          |              |                          | 20      | PA-1     |         |
| <b>VLADIKAVKAZ / Beslan</b>      | 6            | 4E                       | 10      | PA-1     |         |
| URMO RS                          |              |                          | 28      | PA-1     |         |
| <b>VLADIVOSTOK / Knevichi</b>    | 9            | 4E                       | 07R     | PA-1     |         |
| UHWL RS                          |              |                          | 25L     | PA-2     |         |
| <b>VOLGOGRAD / Gumrak</b>        | 7            | 4D                       | 11      | PA-1     |         |
| URWW RS                          |              |                          | 29      | PA-1     |         |
| <b>VORONEZH / Chertovitskoye</b> | 6            | 4D                       | 12      | NPA      |         |
| UUOO RS                          |              |                          | 30      | PA-1     |         |
| <b>YAKUTSK</b>                   | 8            | 4E                       | 05R     | NPA      |         |
| UEEE RS                          |              |                          | 23L     | PA-2     |         |

| City / Aerodrome / Designation                               | RFF category                                                                     | Physical characteristics |                          |                                | Remarks        |
|--------------------------------------------------------------|----------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------------|----------------|
|                                                              |                                                                                  | RC                       | RWY No.                  | RWY type                       |                |
| 1                                                            | 2                                                                                | 3                        | 4                        | 5                              | 6              |
| <b>YAROSLAVL / Tunoshna</b><br>UUDL RNS                      | 7                                                                                | 4D                       | 05<br>23                 | NPA<br>PA-1                    |                |
| <b>YEKATERINBURG / Koltsovo</b><br>USSS RS                   | 8                                                                                | 4F                       | 08R<br>26L<br>08L<br>26R | NPA<br>NPA<br>NPA<br>NPA       |                |
| <b>YUZHNO-SAKHALINSK / Khomutovo</b><br>UHSS RS              | 8                                                                                | 4E                       | 01<br>19                 | PA-1<br>NPA                    |                |
| <b>San Marino</b>                                            |                                                                                  |                          |                          |                                |                |
|                                                              |                                                                                  |                          |                          |                                | No information |
| <b>Serbia</b>                                                |                                                                                  |                          |                          |                                |                |
| <b>BEOGRAD / Nikola Tesla</b><br>LYBE RS                     | 7                                                                                | 4E                       | 12<br>30                 | PA-3<br>PA-1                   |                |
| <b>NIS / Konstantin Veliki</b><br>LYNI RS                    | 6                                                                                | 4C                       | 11<br>29                 | NPA<br>NINST                   |                |
| <b>Slovakia</b>                                              |                                                                                  |                          |                          |                                |                |
| <b>BRATISLAVA / M.R.Stefanik</b><br>LZIB RS                  | 7                                                                                | 4E<br>4E                 | 04<br>22<br>13<br>31     | NINST<br>PA-1<br>NINST<br>PA-3 |                |
| <b>KOSICE</b><br>LZKZ RS                                     | 6                                                                                | 4D                       | 01<br>19                 | PA-2<br>NPA                    |                |
| <b>PIESTANY</b><br>LZPP RNS                                  | 7                                                                                | 2C                       | 01<br>19                 | PA-1<br>NINST                  |                |
| <b>POPRAD-TATRY</b><br>LZTT RNS                              | 7                                                                                | 4D                       | 09<br>27                 | NINST<br>PA-1                  |                |
| <b>ZILINA</b><br>LZZI RNS                                    | 4                                                                                | 2C                       | 06<br>24                 | PA-1<br>NINST                  |                |
| <b>Slovenia</b>                                              |                                                                                  |                          |                          |                                |                |
| <b>LJUBLJANA / Brnik</b><br>LJLJ RS                          | 6, higher<br>CAT O/R                                                             | 4E                       | 12<br>30                 | NINST<br>PA-3                  |                |
| <b>MARIBOR / Orehova Vas</b><br>LJMB RS                      | 6, CAT 7<br>O/R                                                                  | 4C                       | 14<br>32                 | NINST<br>PA-1                  |                |
| <b>PORTOROZ / Secovlje</b><br>LJPZ RNS                       | 2, O/R<br>facilities up<br>to CAT 4                                              | 2C                       | 15<br>33                 | NPA<br>NINST                   |                |
| <b>Spain</b>                                                 |                                                                                  |                          |                          |                                |                |
| <b>A CORUNA</b><br>LECO RS                                   | 7                                                                                | 4C                       | 03<br>21                 | NINST<br>PA-2                  |                |
| <b>ALBACETE</b><br>LEAB RS                                   | 5                                                                                | 4C                       | 09<br>27                 | PA-1<br>PA-1                   |                |
| <b>ALGERICAS (Cadiz) (Hel)</b><br>LEAG RS                    | 3                                                                                | H                        | 05<br>23                 | NINST<br>NINST                 |                |
| <b>ALICANTE / Alicante Elche Miguel Hernandez</b><br>LEAL RS | RFF CAT 9<br>CAT 7<br>1800-2000,<br>for CAT 9<br>in these<br>hours PPR<br>20 min | 4D                       | 10<br>28                 | PA-1<br>NPA                    |                |
| <b>ALMERIA</b><br>LEAM RS                                    | 7<br>(8 on                                                                       | 4D                       | 07<br>25                 | NPA<br>PA-1                    |                |

| City / Aerodrome / Designation                         | RFF category                                                                       | Physical characteristics |         |          | Remarks                                          |
|--------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------|---------|----------|--------------------------------------------------|
|                                                        |                                                                                    | RC                       | RWY No. | RWY type |                                                  |
| 1                                                      | 2                                                                                  | 3                        | 4       | 5        | 6                                                |
|                                                        | demand—see item 20 AIP-On demand fire category request procedure).                 |                          |         |          |                                                  |
| <b>ASTURIAS</b>                                        | 7<br>(8 on demand—see item 20 AIP-On demand fire category request procedure).      | 4C                       | 11      | NPA      |                                                  |
| LEAS RS                                                |                                                                                    |                          | 29      | PA-2/3   |                                                  |
| <b>BADAJOS / Talavera La Real</b>                      | 7                                                                                  | 4D                       | 31      | PA-1     |                                                  |
| LEBZ RS                                                |                                                                                    |                          | 13      | NINST    |                                                  |
| <b>BARCELONA / Josep Tarradellas Barcelona-El Prat</b> | 10                                                                                 | 4E                       | 06R     | PA-2/3   |                                                  |
| LEBL RS                                                |                                                                                    |                          | 24L     | PA-2/3   |                                                  |
|                                                        |                                                                                    | 4E                       | 06L     | PA-2/3   |                                                  |
|                                                        |                                                                                    | 4D                       | 24R     | PA-2/3   |                                                  |
|                                                        |                                                                                    |                          | 02      | PA-1     |                                                  |
|                                                        |                                                                                    |                          | 20      | NINST    |                                                  |
| <b>BILBAO</b>                                          | 7 (8 O/R)                                                                          | 4D                       | 10      | NINST    |                                                  |
| LEBB RS                                                |                                                                                    |                          | 28      | NINST    |                                                  |
|                                                        |                                                                                    | 4D                       | 12      | PA-1     |                                                  |
|                                                        |                                                                                    |                          | 30      | PA-1     |                                                  |
| <b>BURGOS / Villafria</b>                              | 4 (5,6,7 O/R)<br>For other fire categories, prior request, consult NOTAM in force. | 4C                       | 22      | NPA      |                                                  |
| LEBG RS                                                |                                                                                    |                          | 04      | NPA      |                                                  |
| <b>CASTELLON</b>                                       | 7                                                                                  | 4D                       | 06      | PA-1     |                                                  |
| LECH RS                                                |                                                                                    |                          | 24      | NPA      |                                                  |
| <b>CEUTA (HEL CIVIL)</b>                               | 3                                                                                  | H                        | 07      | NINST    |                                                  |
| GECE RS                                                |                                                                                    |                          | 25      | NINST    |                                                  |
| <b>CIUDAD REAL</b>                                     | 5                                                                                  | 4E                       | 10      | NINST    | Only aircraft under 5 .750 kg allowed to operate |
| LERL RS                                                | -                                                                                  | -                        | 28      | NINST    |                                                  |
| <b>CORDOBA</b>                                         | 3 (4,5,6,7 O/R)                                                                    | 4C                       | 03      | NPA      |                                                  |
| LEBA RS                                                |                                                                                    | -                        | 21      | NPA      |                                                  |
| <b>EL HIERRO</b>                                       | 5                                                                                  | 2C                       | 16      | NINST    |                                                  |
| GCHI RS                                                |                                                                                    |                          | 24      | NINST    |                                                  |
| <b>FUERTEVENTURA</b>                                   | 9                                                                                  | 4E                       | 01      | PA-1     |                                                  |
| GCFV RS                                                |                                                                                    |                          | 19      | PA-1     |                                                  |
| <b>GIRONA</b>                                          | 7                                                                                  | 4D                       | 01      | NPA      |                                                  |
| LEGE RS                                                |                                                                                    |                          | 19      | PA-2/3   |                                                  |
| <b>GRAN CANARIA</b>                                    | 9                                                                                  | 4E                       | 03L     | PA-1     |                                                  |
| GCLP RS                                                |                                                                                    |                          | 21R     | PA-1     |                                                  |
|                                                        |                                                                                    | 4E                       | 03R     | NPA      |                                                  |
|                                                        |                                                                                    |                          | 21L     | NPA      |                                                  |
| <b>GRANADA/Federico Garcia Lorca Granada-Jaen</b>      | 7 (8 O/R)                                                                          | 4D                       | 09      | PA-1     |                                                  |
| LEGR RS                                                |                                                                                    |                          | 27      | NINST    |                                                  |

| City / Aerodrome / Designation              | RFF category                                                                                                                                           | Physical characteristics |                              |                                  | Remarks |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------|----------------------------------|---------|
|                                             |                                                                                                                                                        | RC                       | RWY No.                      | RWY type                         |         |
| 1                                           | 2                                                                                                                                                      | 3                        | 4                            | 5                                | 6       |
| <b>HUESCA / Pirineos</b>                    | (Flight Plans for aircraft with CAT higher than 1 will not be accepted if the upgrade has not been requested and accepted (V: 0700-1700 I: 0800-1600)) | 4C<br><br>1A             | 12R<br>30L<br><br>12L<br>30R | NPA<br>NPA<br><br>NINST<br>NINST |         |
| LEHC RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>IBIZA</b>                                | 9 (01apr-31oct)<br>7 (01nov-31mar);<br>CAT 9 on demand, in accordance with the procedure for the request of level of protection on demand              | 4E                       | 06<br><br><br>24             | PA-1<br><br><br>PA-1             |         |
| LEIB RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>JEREZ</b>                                | 7<br>8 O/R                                                                                                                                             | 4D                       | 02<br>20                     | NPA<br>PA-1                      |         |
| LEJR RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>LA GOMERA</b>                            | 5                                                                                                                                                      | 2C                       | 09<br>27                     | NINST<br>NINST                   |         |
| GCGM RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>LA PALMA</b>                             | 7 (8 O/R)<br>see item 20 AIP,<br>“Procedure for the request ICAO protection level -SEI on demand”                                                      | 4C                       | 18<br><br><br>36             | NPA<br><br><br>NPA               |         |
| GCLA RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>LANZAROTE / Cesar Manrique Lanzarote</b> | 9                                                                                                                                                      | 4D                       | 03<br>21                     | PA-1<br>NPA                      |         |
| GCCR RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>LEON</b>                                 | 5<br>(6 and 7 on demand)                                                                                                                               | 4D                       | 05<br>23                     | NPA<br>PA-1                      |         |
| LELN RS                                     |                                                                                                                                                        |                          |                              |                                  |         |
| <b>LLEIDA / Alguaire</b>                    | HR AD:<br>CAT 4<br>HR ATS:<br>CAT 7, FRI and SUN.<br>CAT 8:<br>Scheduled flights: PPR 15 days before the expected day of operation notified to CECO    |                          | 13<br><br><br>31             | NPA<br><br><br>PA-1              |         |
| LEDA RS                                     |                                                                                                                                                        |                          |                              |                                  |         |

| City / Aerodrome / Designation                               | RFF category                                                          | Physical characteristics |                                                      |                                                                  | Remarks |
|--------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------|------------------------------------------------------|------------------------------------------------------------------|---------|
|                                                              |                                                                       | RC                       | RWY No.                                              | RWY type                                                         |         |
| 1                                                            | 2                                                                     | 3                        | 4                                                    | 5                                                                | 6       |
| <b>LOGRONO</b><br>LERJ RS                                    | 5 (6,7 O/R)                                                           | 4C                       | 11<br>29                                             | NPA<br>PA-1                                                      |         |
| <b>MADRID / Adolfo Suárez Madrid-Barajas</b><br>LEMD RS      | 10                                                                    | 4F                       | 14L<br>32R<br>14R<br>32L<br>18L<br>36R<br>18R<br>36L | NINST<br>PA-3<br>NINST<br>PA-3<br>PA-3<br>NINST<br>PA-3<br>NINST |         |
| <b>MADRID / Cuatro Vientos (CIV)</b><br>LECU RS              | 3                                                                     | 2B                       | 09<br>27                                             | NINST<br>NINST                                                   |         |
| <b>MADRID / Cuatro Vientos (MIL)</b><br>LEVS RS              | 3                                                                     | 2B                       | 09<br>27                                             | NINST<br>NINST                                                   |         |
| <b>MÁLAGA/Costa del Sol</b><br>LEMG RS                       | 9                                                                     | 4E                       | 12<br>30<br>13<br>31                                 | PA-1<br>NINST<br>PA-1<br>PA-1                                    |         |
| <b>MELILLA</b><br>GEML RS                                    | 5                                                                     | 3C                       | 15<br>33                                             | NPA<br>NPA                                                       |         |
| <b>MENORCA</b><br>LEMH RS                                    | 8 (01Apr-31Oct)<br>7 (01Nov-31Mar)                                    | 4E                       | 01<br>19                                             | PA-1<br>PA-1                                                     |         |
| <b>MURCIA / Aeropuerto de la Región de Murcia</b><br>LEMI RS | 7                                                                     | 4C                       | 05<br>23                                             | PA-1<br>PA-1                                                     |         |
| <b>PALMA DE MALLORCA</b><br>LEPA RS                          | 9                                                                     | 4E<br>4E                 | 06L<br>24R<br>06R<br>24L                             | PA-1<br>PA-1<br>NPA<br>PA-2/3                                    |         |
| <b>PAMPLONA</b><br>LEPP RS                                   | 7<br>For other fire categories, prior request, consult NOTAM in force | 4C                       | 33<br>15                                             | NPA<br>PA-1                                                      |         |
| <b>REUS</b><br>LERS RS                                       | 7                                                                     | 4D                       | 07<br>25                                             | NPA<br>PA-1                                                      |         |
| <b>SABADELL</b><br>LELL RS                                   | 3                                                                     | 1B                       | 13<br>31                                             | NPA<br>NPA                                                       |         |
| <b>SALAMANCA</b><br>LESA RS                                  | 5 (6 and 7 on demand)                                                 | 4D                       | 03<br>21                                             | NPA<br>NPA                                                       |         |
| <b>SAN SEBASTIAN</b><br>LESO RS                              | 6 (7 O/R)                                                             | 3D                       | 04<br>22                                             | NPA<br>NPA                                                       |         |
| <b>SANTANDER / Seve Ballesteros-Santander</b><br>LEXJ RS     | 7                                                                     | 4D                       | 11<br>29                                             | NPA<br>PA-1                                                      |         |
| <b>SANTIAGO / Rosalía de Castro</b><br>LEST RS               | 7 (8 or 9 PPR at least two days before)                               | 4E                       | 17<br>35                                             | PA-2/3<br>PA-1                                                   |         |
| <b>SEVILLA</b><br>LEZL RS                                    | 7                                                                     | 4E                       | 09<br>27                                             | PA-1<br>PA-1                                                     |         |
| <b>TENERIFE NORTE / Ciudad de la Laguna</b>                  | 9                                                                     | 4E                       | 12                                                   | PA-1                                                             |         |

| City / Aerodrome / Designation |       |     | RFF category                                                                                    | Physical characteristics |         |          | Remarks    |
|--------------------------------|-------|-----|-------------------------------------------------------------------------------------------------|--------------------------|---------|----------|------------|
|                                |       |     |                                                                                                 | RC                       | RWY No. | RWY type |            |
| 1                              |       |     | 2                                                                                               | 3                        | 4       | 5        | 6          |
|                                | GCXO  | RS  |                                                                                                 |                          | 30      | PA-2/3   |            |
| <b>TENERIFE SUR</b>            |       |     | 9                                                                                               | 4E                       | 07      | PA-1     |            |
|                                | GCTS  | RS  |                                                                                                 |                          | 25      | PA-1     |            |
| <b>TERUEL</b>                  |       |     | 4                                                                                               | 4E                       | 18      | NPA      |            |
|                                | LETL  | RS  |                                                                                                 |                          | 36      | NPA      |            |
| <b>VALENCIA</b>                |       |     | 7                                                                                               | 4D                       | 12      | PA-1     |            |
|                                | LEVC  | RS  | 8 and 9 occasionally (see item 20 AIP, "Procedure for the request of occasional fire category") |                          | 30      | PA-1     |            |
| <b>VALLADOLID / Villanubla</b> |       |     | 7                                                                                               | 4C                       | 23      | PA-2/3   |            |
|                                | LEVVD | RS  |                                                                                                 |                          | 05      | NINST    |            |
| <b>VIGO</b>                    |       |     | 7                                                                                               | 4D                       | 01      | NPA      |            |
|                                | LEVX  | RS  |                                                                                                 |                          | 19      | PA-2/3   |            |
| <b>VITORIA</b>                 |       |     | 7                                                                                               | 4D                       | 04      | PA-2/3   |            |
|                                | LEVTV | RS  | For other fire categories, prior request, consult NOTAM in force                                |                          | 22      | NPA      |            |
| <b>ZARAGOZA</b>                |       |     | 7                                                                                               | 4D                       | 12L     | NPA      |            |
|                                | LEZG  | RS  | (V: 0445-2100; I: 0545-2200 and PPR) 5 (rest of hours for cargo aircraft)                       |                          | 30R     | PA-2/3   |            |
|                                |       |     |                                                                                                 |                          | 12R     | PA-1     |            |
|                                |       |     |                                                                                                 |                          | 30L     | NINST    |            |
| <b>Sweden</b>                  |       |     |                                                                                                 |                          |         |          |            |
| <b>ANGELHOLM</b>               |       |     | 6                                                                                               | 4C                       | 14      | PA-1     |            |
|                                | ESTA  | RNS |                                                                                                 |                          | 32      | NPA      |            |
| <b>ARE OSTERSUND</b>           |       |     | 7                                                                                               | 4C                       | 12      | PA-2     | RC: 4D O/R |
|                                | ESNZ  | RS  |                                                                                                 |                          | 30      | NPA      |            |
| <b>ARVIDSJAUR</b>              |       |     | 6                                                                                               | 4C                       | 12      | PA-1     |            |
|                                | ESNX  | RS  |                                                                                                 |                          | 30      | PA-1     |            |
| <b>BORLANGE</b>                |       |     | 5 O/R                                                                                           | 4C                       | 14      | NPA      |            |
|                                | ESSD  | RNS |                                                                                                 |                          | 32      | PA-1     |            |
| <b>ESKILSTUNA</b>              |       |     | 3                                                                                               | 2C                       | 18      | NPA      |            |
|                                | ESSU  | RNS |                                                                                                 |                          | 36      | PA-1     |            |
| <b>GOTEBORG / Landvetter</b>   |       |     | 9                                                                                               | 4E                       | 03      | PA-3     |            |
|                                | ESGG  | RS  |                                                                                                 |                          | 21      | PA-2     |            |
| <b>HALMSTAD</b>                |       |     | 6                                                                                               | 4D                       | 01      | NPA      |            |
|                                | ESMT  | RS  |                                                                                                 |                          | 19      | PA-1     |            |
| <b>JONKOPING</b>               |       |     | 7                                                                                               | 4E                       | 01      | PA-1     |            |
|                                | ESGJ  | RS  |                                                                                                 |                          | 19      | PA-1     |            |
| <b>KALMAR</b>                  |       |     | 6                                                                                               | 4E                       | 16      | PA-1     |            |
|                                | ESMQ  | RS  | 7 O/R                                                                                           |                          | 34      | NPA      |            |
| <b>KARLSTAD</b>                |       |     | 6                                                                                               | 4E                       | 03      | PA-1     |            |

| City / Aerodrome / Designation      | RFF category | Physical characteristics |                                      |                                             | Remarks                                       |
|-------------------------------------|--------------|--------------------------|--------------------------------------|---------------------------------------------|-----------------------------------------------|
|                                     |              | RC                       | RWY No.                              | RWY type                                    |                                               |
| 1                                   | 2            | 3                        | 4                                    | 5                                           | 6                                             |
| ESOK RS                             |              |                          | 21                                   | PA-1                                        |                                               |
| <b>KIRUNA</b>                       | 6            | 4D                       | 03                                   | NPA                                         |                                               |
| ESNQ RS                             |              |                          | 21                                   | PA-1                                        |                                               |
| <b>KRAMFORS-SOLLEFTEA</b>           | 5            | 4C                       | 17                                   | NPA                                         |                                               |
| ESNK RS                             |              |                          | 35                                   | PA-1                                        |                                               |
| <b>KRISTIANSTAD</b>                 | 6            | 4C                       | 01                                   | NPA                                         |                                               |
| ESMK RS                             |              |                          | 19                                   | PA-1                                        |                                               |
| <b>LINKOPING/SAAB</b>               | 6            | 4C                       | 11                                   | PA-1                                        |                                               |
| ESSL RS                             |              |                          | 29                                   | PA-1                                        |                                               |
| <b>LULEA / Kallax</b>               | 7<br>9 O/R   | 4E                       | 14                                   | PA-1                                        | Special PA-2 available                        |
| ESPA RS                             |              |                          | 32                                   | PA-2                                        |                                               |
| <b>MALMO</b>                        | 7 O/R        | 4E                       | 17                                   | PA-2                                        |                                               |
| ESMS RS                             |              |                          | 35                                   | PA-2                                        |                                               |
| <b>NORRKOPING / Kungsängen</b>      | 7            | 4E                       | 09                                   | PA-1                                        |                                               |
| ESSP RS                             |              |                          | 27                                   | PA-1                                        |                                               |
| <b>OREBRO</b>                       | 7            | 4E                       | 01                                   | PA-1                                        | Aircraft operations on request                |
| ESOE RS                             |              |                          | 19                                   | PA-1                                        |                                               |
| <b>ORNSKOLDSVIK</b>                 | 6 O/R        | 4C                       | 12                                   | PA-1                                        |                                               |
| ESNO RS                             |              |                          | 30                                   | NPA                                         |                                               |
| <b>PAJALA</b>                       | 3            | 4C                       | 11                                   | PA-1                                        |                                               |
| ESUP RNS                            | 5 O/R        |                          | 29                                   | NPA                                         |                                               |
| <b>RONNEBY</b>                      | 6            | 4D                       | 01                                   | PA-1                                        |                                               |
| ESDF RNS                            |              |                          | 19                                   | PA-1                                        |                                               |
| <b>SALEN/SCANDINAVIEN MOUNTAINS</b> | 7            | 4E                       | 15                                   | PA-1                                        |                                               |
| ESKS RS                             |              |                          | 33                                   | PA-1                                        |                                               |
| <b>SKELLEFTEA</b>                   | 7            | 4E                       | 10                                   | NPA                                         |                                               |
| ESNS RS                             | 9 O/R        |                          | 28                                   | PA-1                                        |                                               |
| <b>STOCKHOLM / Arlanda</b>          | 10           | 4E                       | 01L<br>19R<br>01R<br>19L<br>08<br>26 | PA-3<br>PA-3<br>NPA<br>PA-3<br>PA-1<br>PA-1 | Code F can be accommodated by special request |
| ESSA RS                             |              | 4E                       |                                      |                                             |                                               |
| <b>STOCKHOLM / Bromma</b>           | 5            | 3C                       | 12                                   | PA-1                                        |                                               |
| ESSB RS                             |              |                          | 30                                   | PA-1                                        |                                               |
| <b>STOCKHOLM / Skavsta</b>          | 7            | 4E                       | 08                                   | NPA                                         | Code F Capacity available                     |
| ESKN RS                             |              |                          | 26                                   | PA-1                                        |                                               |
| <b>STOCKHOLM / Vasteras</b>         | 7            | 4C                       | 01                                   | NPA                                         |                                               |
| ESOW RS                             |              |                          | 19                                   | PA-1                                        |                                               |
| <b>SUNDSVALL-TIMRA</b>              | 7            | 4C                       | 16                                   | PA-1                                        |                                               |
| ESNN RS                             |              |                          | 34                                   | PA-1                                        |                                               |
| <b>SVEG</b>                         | 3            | 3C                       | 09                                   | NPA                                         |                                               |
| ESND RNS                            | 5 O/R        |                          | 27                                   | NINST                                       |                                               |
| <b>TROLLHATTAN-VANERSBORG</b>       | 4            | 3C                       | 15                                   | NPA                                         | Ref Code 3D O/R                               |
| ESGT RNS                            | 6 O/R        |                          | 33                                   | PA-1                                        |                                               |
| <b>UMEA</b>                         | 7            | 4C                       | 14                                   | PA-1                                        | LDA RWY 32 1810m                              |
| ESNU RS                             |              |                          | 32                                   | PA-1                                        |                                               |
| <b>VAXJO / Kronoberg</b>            | 6            | 4E                       | 01                                   | NPA                                         |                                               |
| ESMX RS                             | 7 O/R        |                          | 19                                   | PA-1                                        |                                               |
| <b>VISBY</b>                        | 6            | 4C                       | 03                                   | NPA                                         |                                               |
| ESSV RS                             |              |                          | 21                                   | PA-1                                        |                                               |
| <b>Switzerland</b>                  |              |                          |                                      |                                             |                                               |
| <b>BALE-MULHOUSE</b>                |              |                          |                                      |                                             | See under France: Bâle-Mulhouse               |
| LFSB RS                             |              |                          |                                      |                                             |                                               |

| City / Aerodrome / Designation                               | RFF category    | Physical characteristics |                                  |                                                                        | Remarks                     |
|--------------------------------------------------------------|-----------------|--------------------------|----------------------------------|------------------------------------------------------------------------|-----------------------------|
|                                                              |                 | RC                       | RWY No.                          | RWY type                                                               |                             |
| 1                                                            | 2               | 3                        | 4                                | 5                                                                      | 6                           |
| <b>BERN-BELP</b><br>LSZB RS                                  | 5               | 2B                       | 14<br>32                         | PA-1<br>NINST                                                          |                             |
| <b>BUOCHS</b><br>LSZC RNS                                    | 1 (up to 5 O/R) | 3B                       | 07L<br>25R<br>07R<br>25L         | NINST<br>NINST<br>NINST<br>NINST                                       |                             |
| <b>GENEVE</b><br>LSGG RS                                     | 9               | 4E                       | 05<br>23                         | PA-1 T/O<br>PA-3 T/O                                                   |                             |
| <b>GRENCHEN</b><br>LSZG RNS                                  | 3               | 2A                       | 07<br>25                         | NINST<br>NPA                                                           |                             |
| <b>LES EPLATURES</b><br>LSGC RNS                             | 3               | 2A                       | 06<br>24                         | NINST<br>PA-1                                                          |                             |
| <b>LUGANO</b><br>LSZA RS                                     | 6               | 2B                       | 01<br>19                         | PA-1<br>NINST                                                          |                             |
| <b>SAMEDAN</b><br>LSZS RNS                                   | 1               | 2B                       | 03<br>21                         | NINST<br>NINST                                                         |                             |
| <b>SION</b><br>LSGS RS                                       | 2               | 3B                       | 07<br>25                         | NINST<br>PA-1                                                          |                             |
| <b>ST. GALLEN-ALTENRHEIN</b><br>LSZR RS                      | 6               | 2B                       | 10<br>28                         | PA-1<br>NINST                                                          |                             |
| <b>ZURICH</b><br>LSZH RS                                     | 9               | 4E<br><br>4E<br><br>4E   | 16<br>34<br>14<br>32<br>10<br>28 | PA-3 T/O<br>PA-1 T/O<br>PA-3 T/O*<br>NINST T/O<br>NINST T/O<br>NPA T/O | *Activation by AP Authority |
| <b>Tajikistan</b>                                            |                 |                          |                                  |                                                                        |                             |
| <b>DUSHANBE</b><br>UTDD AS                                   | 7               | 4D                       | 09<br>27                         | NPA<br>NPA                                                             |                             |
| <b>Tunisia</b>                                               |                 |                          |                                  |                                                                        |                             |
| <b>DJERBA / Zarzis</b><br>DTTJ RS                            | 9               | 4E                       | 09<br>27                         | PA-1<br>NPA                                                            |                             |
| <b>ENFIDHA / Hammamet International Airport</b><br>DTNH RS   | 10              | 4F                       | 09<br>27                         | PA-1<br>PA-1                                                           |                             |
| <b>GABES / Matmata</b><br>DTTG RS                            | 6               | 4D                       | 06<br>24                         | NPA<br>NPA                                                             |                             |
| <b>GAFSA / Ksar</b><br>DTTF RS                               | 7               | 4C                       | 05<br>23                         | NPA<br>NPA                                                             |                             |
| <b>MONASTIR / Habib Bourguiba</b><br>DTMB RS                 | 9               | 4E                       | 07<br>25                         | PA-1<br>NPA                                                            |                             |
| <b>SFAX / Thyna</b><br>DTTX RS                               | 8               | 4C                       | 15<br>33                         | NPA<br>NPA                                                             |                             |
| <b>TABARKA / Ain Draham International Airport</b><br>DTKA RS | 8               | 4E                       | 09<br>27                         | NPA<br>PA-1                                                            |                             |
| <b>TOZEUR / Nefta</b><br>DTTZ RS                             | 7               | 4D                       | 09<br>27                         | PA-1<br>NPA                                                            |                             |
| <b>TUNIS / Carthage</b><br>DTTA RS                           | 9<br>9          | 4E<br>4E                 | 01<br>19<br>11<br>29             | PA-1<br>PA-1<br>NPA<br>PA-1                                            |                             |
| <b>Türkiye</b>                                               |                 |                          |                                  |                                                                        |                             |
| <b>ADANA</b>                                                 | 9               | 4D                       | 05                               | PA-1                                                                   | *APP svcs provided          |

| City / Aerodrome / Designation         | RFF category | Physical characteristics |                                        |                                           | Remarks                                                                                             |
|----------------------------------------|--------------|--------------------------|----------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------|
|                                        |              | RC                       | RWY No.                                | RWY type                                  |                                                                                                     |
| 1                                      | 2            | 3                        | 4                                      | 5                                         | 6                                                                                                   |
| LTAF RS                                |              |                          | 23                                     | NPA                                       | by İncirlik APP<br>a) ADA TWR within CTR<br>b) İncirlik APP outside CTR<br>B767-400ER<br>B777-300ER |
| ADİYAMAN<br>LTCP RS                    | 7            | 3D                       | 04<br>22                               | PA-1<br>NPA                               | A300                                                                                                |
| AGRI /Ahmed-I-Hani<br>LTCO RS          | 7            | 4D                       | 16<br>34                               | PA-1<br>NPA                               | A310                                                                                                |
| AMASYA / Merzifon<br>LTAP RNS          | 7            | 4D                       | 05R<br>23L<br>05L<br>23R               | PA-1<br>NPA<br>NPA<br>NPA                 |                                                                                                     |
| ANKARA / Esenboga<br>LTAC RS           | 10           | 4E                       | 03R<br>21L<br>03L<br>21R               | PA-3<br>PA-1<br>PA-2<br>PA-1              | B777-300ER                                                                                          |
| ANTALYA<br>LTAI RS                     | 10           | 4E                       | 18R<br>36L<br>18L<br>36R<br>18C<br>36C | NPA<br>NPA<br>NPA<br>PA-2<br>PA-1<br>PA-1 | B777-300ER                                                                                          |
| AYDIN / CILDIR<br>LTBD AS              | 3            | 3C                       | 09<br>27                               | NPA                                       | C510                                                                                                |
| BALIKESİR / Koca Seyit<br>LTFD RNS     | 7            | 4D                       | 05<br>23                               | PA-1<br>NPA                               | A310                                                                                                |
| BALIKESİR / Merkez<br>LTBF RNS         | 6            | 4D                       | 18<br>36                               | NPA<br>PA-1                               | A310                                                                                                |
| BATMAN<br>LTCJ RNS                     | 7            | 4D                       | 02<br>20                               | PA-1<br>NPA                               | APP svcs provided by<br>Diyarbakir APP<br>B737-800                                                  |
| BINGOL<br>LTCU RS                      | 7            | 4C                       | 11<br>29                               | PA-1<br>NPA                               | A321                                                                                                |
| BURSA / Yenisehir<br>LTBR RNS          | 8            | 4D                       | 07L<br>25R<br>07R<br>25L               | NPA<br>PA-1<br>NPA<br>NPA                 | A310                                                                                                |
| CANAKKALE<br>LTBH RNS                  | 7            | 4D                       | 04<br>22                               | NPA<br>NPA                                | B737-800                                                                                            |
| CUKUROVA<br>LTDB RS                    | 9            | 4F                       | 03R<br>21L<br>03L<br>21R               | PA-2<br>PA-2<br>NPA<br>NPA                | B747-800                                                                                            |
| DENİZLİ / Cardak<br>LTAY RNS           | 7            | 4D                       | 06<br>24                               | NPA<br>PA-1                               | B737-800                                                                                            |
| DIYARBAKIR<br>LTCC RNS                 | 8            | 4D                       | 16<br>34                               | NPA<br>PA-1                               | B767-300                                                                                            |
| ELAZIG<br>LTCA RNS                     | 7            | 4D                       | 07<br>25                               | NPA<br>PA-1                               | B767-400                                                                                            |
| ERZINCAN / Yildirim Akbulut<br>LTCD RS | 7            | 4D                       | 10<br>28                               | NPA<br>NPA                                | A310                                                                                                |
| ERZURUM<br>LTCE RNS                    | 9            | 4E                       | 08R<br>26L<br>08L                      | NPA<br>NPA<br>PA-1                        | A300<br>B777-300ER                                                                                  |

| City / Aerodrome / Designation                                | RFF category | Physical characteristics |                                                                  |                                                                              | Remarks                                                                                        |
|---------------------------------------------------------------|--------------|--------------------------|------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|                                                               |              | RC                       | RWY No.                                                          | RWY type                                                                     |                                                                                                |
| 1                                                             | 2            | 3                        | 4                                                                | 5                                                                            | 6                                                                                              |
|                                                               |              |                          | 26R                                                              | PA-1                                                                         |                                                                                                |
| <b>GAZIANTEP</b><br>LTAJ RNS                                  | 8            | 4D                       | 10L<br>28R<br>10R<br>28L                                         | NPA<br>PA-1<br>NPA<br>NPA                                                    | B767-400ER<br>B777-300ER                                                                       |
| <b>GAZIPAZA / Alyana</b><br>LTFG RS                           | 7            | 4C                       | 08<br>26                                                         | NPA<br>NPA                                                                   | B757-200                                                                                       |
| <b>GOKCEADA</b><br>LTFK AS                                    | 6            | 4C                       | 01<br>19                                                         | NPA<br>NPA                                                                   | B737-800                                                                                       |
| <b>HATAY</b><br>LTDA RNS                                      | 7            | 4D                       | 04<br>22                                                         | PA-1<br>PA-1                                                                 | B737-900                                                                                       |
| <b>HAKKARI / Yuksekova</b><br><b>Selahaddin Eyyub</b> LTCW AS | 7            | 4D                       | 11<br>29                                                         | NPA<br>NPA                                                                   | B737-800                                                                                       |
| <b>IGDIR / Sehit Bulent Aydin</b><br>LTCT RS                  | 7            | 4D                       | 12<br>30                                                         | NPA<br>NPA                                                                   | A310                                                                                           |
| <b>ISPARTA / Suleyman Demirel</b><br>LTFC RNS                 | 8            | 4D                       | 04<br><br>22                                                     | NPA<br><br>NPA                                                               | *APP/R svcs provided by<br>a) Isparta TWR within CTR<br>b) Antalya APP outside CTR<br>B474-300 |
| <b>ISTANBUL / Ataturk</b><br>LTBA RS                          | 9            | 4E                       | 05<br>23                                                         | PA-3<br>PA-1                                                                 | B777-300ER                                                                                     |
| <b>ISTANBUL / Istanbul Havalimani</b><br>LTFM RS              | 10           | 4F                       | 16R<br>34L<br>16L<br>34R<br>17R<br>35L<br>17L<br>35R<br>18<br>36 | PA-3<br>PA-3<br>PA-1<br>PA-1<br>PA-1<br>PA-1<br>PA-3<br>PA-3<br>PA-3<br>PA-3 |                                                                                                |
| <b>ISTANBUL / Sabiha Gokcen</b><br>LTFJ RS                    | 10           | 4E                       | 06L<br>24R<br>06R<br>24L                                         | PA-1<br>PA-1<br>PA-2<br>NPA                                                  | B777-300R                                                                                      |
| <b>IZMIR / Adnan Menderes</b><br>LTBJ RS                      | 10           | 4D                       | 16L<br>34R<br><br>16R<br>34L                                     | PA-1<br>PA-2<br><br>NPA<br>NPA                                               | B767-400ER<br>B777-300ER                                                                       |
| <b>KAHRAMANMARAS</b><br>LTCN RNS                              | 7            | 4D                       | 07<br>25                                                         | NPA<br>NPA                                                                   | A321                                                                                           |
| <b>KAPADOKYA</b><br>LTAZ RNS                                  | 7            | 4D                       | 11<br>29                                                         | PA-1<br>NPA                                                                  | A310                                                                                           |
| <b>KARS / Harakani</b><br>LTCF RNS                            | 7            | 4D                       | 06R<br>24L<br>06L<br>24R                                         | PA-1<br>NPA<br>NPA<br>NPA                                                    | A310                                                                                           |
| <b>KASTAMONU</b><br>LTAL RS                                   | 7            | 4D                       | 18<br>36                                                         | PA-1<br>NPA                                                                  | A321                                                                                           |
| <b>KAYSERI</b><br>LTAU RNS                                    | 9            | 4D                       | 07<br>25                                                         | NPA<br>PA-1                                                                  | A321<br>B777-300ER                                                                             |
| <b>KOCAELI / Cengiz Topel</b><br>LTBQ RNS                     | 7            | 4C                       | 09<br>27                                                         | NPA<br>PA-1                                                                  | A321                                                                                           |
| <b>KONYA</b>                                                  | 8            | 4D                       | 01R                                                              | NPA                                                                          | ATS services provided                                                                          |

| City / Aerodrome / Designation                   | RFF category | Physical characteristics |                          |                           | Remarks                                                                                                                                                    |
|--------------------------------------------------|--------------|--------------------------|--------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                  |              | RC                       | RWY No.                  | RWY type                  |                                                                                                                                                            |
| 1                                                | 2            | 3                        | 4                        | 5                         | 6                                                                                                                                                          |
| LTAN RNS                                         |              |                          | 19L<br>01L<br>19R        | NPA<br>PA-1<br>NPA        | by military units<br>B737-800                                                                                                                              |
| <b>KUTAHYA / Zafer Bolgesel</b><br>LTBZ RNS      | 7            | 4D                       | 13<br>31                 | PA-2<br>PA-2              | B737-800                                                                                                                                                   |
| <b>MALATYA</b><br>LTAT RNS                       | 8            | 4D                       | 03R<br>21L<br>03L<br>21R | NPA<br>PA-1<br>NPA<br>NPA | ATS services provided<br>by military units A310                                                                                                            |
| <b>MARDIN / PROF. DR. AZIZ SANCAR</b><br>LTCR RS | 7            | 4D                       | 03<br>21                 | PA-1<br>NPA               | A310                                                                                                                                                       |
| <b>MUGLA / Dalaman</b><br>LTBS RS                | 9            | 4E                       | 01<br>19                 | PA-1<br>NPA               | B777-300ER<br>B747-800                                                                                                                                     |
| <b>MUGLA / Milas-Bodrum</b><br>LTFE RS           | 9            | 4D                       | 10<br>28                 | PA-2<br>PA-2              | B767-400ER<br>B777-300ER                                                                                                                                   |
| <b>MUS / Sultan Alparslan</b><br>LTCK RNS        | 7            | 4D                       | 11L<br>29R<br>11R<br>29L | NPA<br>PA-1<br>NPA<br>NPA | A321<br>B777-300R                                                                                                                                          |
| <b>ORDU-GIRESUN</b><br>LTCB RS                   | 7            | 4D                       | 10<br>28                 | NPA<br>PA-1               | B767-400ER<br>B777-300ER                                                                                                                                   |
| <b>RIZE-ARTVIN</b><br>LTFO RS                    | 7            | 4D                       | 06<br>24                 | PA-1<br>NPA               | B767-400ER<br>B777-300ER                                                                                                                                   |
| <b>SAMSUN / Carsamba</b><br>LTFH RNS             | 8            | 4D                       | 13<br>31                 | PA-2<br>NPA               | B767-400ER<br>B777-300ER                                                                                                                                   |
| <b>SANLIURFA / Gap</b><br>LTCS RNS               | 9            | 4E                       | 04<br>22                 | PA-1<br>PA-2              | A330                                                                                                                                                       |
| <b>SINOP</b><br>LTCM RNS                         | 7            | 3C                       | 05<br>23                 | NPA<br>PA-1               | B737-800                                                                                                                                                   |
| <b>SIVAS / Nuri Demirag</b><br>LTAR RNS          | 8            | 4D                       | 01<br>19                 | PA-1<br>NPA               | A310                                                                                                                                                       |
| <b>SIIRT</b><br>LTCL AS                          | 7            | 3C                       | 06<br>24                 | NPA<br>NPA                | B737-80                                                                                                                                                    |
| <b>SIRNAK / Serafettin Elci</b><br>LTCV AS       | 7            | 4D                       | 11<br>29                 | PA-1<br>NPA               | B737-800                                                                                                                                                   |
| <b>TEKIRDAG / Corlu</b><br>LTBU RNS              | 8            | 4D                       | 04<br><br>22             | PA-1<br><br>NPA           | *APP service is<br>provided by a)<br>Yesilköy APP, b)<br>Corlu TWR when<br>required or transferred<br>by Yesilköy<br>APP/Radar<br>B767-400ER<br>B777-300ER |
| <b>TOKAT</b><br>LTAW AS                          | 7            | 4D                       | 06<br>24                 | PA-1<br>NPA               | B737-800                                                                                                                                                   |
| <b>TRABZON</b><br>LTCG RS                        | 8            | 4D                       | 11<br>29                 | PA-1<br>NPA               | B767-400ER<br>B777-300ER                                                                                                                                   |
| <b>USAK</b><br>LTBO RNS                          | 6            | 4D                       | 09<br>27                 | NPA<br>NPA                | B737-800                                                                                                                                                   |
| <b>VAN / Ferit Melen</b><br>LTCI RNS             | 8            | 4D                       | 03<br>21                 | NPA<br>NPA                | A321<br>B767-400ER                                                                                                                                         |
| <b>ZONGULDAK / Caycuma</b><br>LTAS RNS           | 6            | 4C                       | 18<br>36                 | NPA<br>PA-1               | B737-800                                                                                                                                                   |
| <b>Turkmenistan</b>                              |              |                          |                          |                           |                                                                                                                                                            |
| <b>ASHGABAT</b><br>UTAA RS                       | 9            | 4F                       | 11R<br>29L               | PA-3<br>PA-3              |                                                                                                                                                            |

| City / Aerodrome / Designation | RFF category | Physical characteristics |                          |                              | Remarks                                             |
|--------------------------------|--------------|--------------------------|--------------------------|------------------------------|-----------------------------------------------------|
|                                |              | RC                       | RWY No.                  | RWY type                     |                                                     |
| 1                              | 2            | 3                        | 4                        | 5                            | 6                                                   |
|                                |              |                          | 11L<br>29R               | PA-2<br>PA-2                 |                                                     |
| <b>DASHOGUZ</b>                | 7            | 4E                       | 08<br>26                 | PA-2<br>PA-2                 |                                                     |
| UTAT RS                        |              |                          |                          |                              |                                                     |
| <b>KERKI</b>                   | 6            | 4D                       | 34<br>16                 | NPA<br>NPA                   |                                                     |
| UTAE ANS                       |              |                          |                          |                              |                                                     |
| <b>MARY</b>                    | 8            | 4E                       | 17R<br>35L<br>17L<br>35R | NPA<br>PA-1<br>NPA<br>NPA    |                                                     |
| UTAM RS                        |              |                          |                          |                              |                                                     |
| <b>TURKMENABAT</b>             | 9            | 4E                       | 13<br>31                 | PA-2<br>PA-2                 |                                                     |
| UTAV RS                        |              |                          |                          |                              |                                                     |
| <b>TURKMENBASHI</b>            | 8            | 4E                       | 16R<br>34L<br>16L<br>34R | PA-1<br>PA<br>NPA<br>NPA     | RWY 34L ILS non CAT                                 |
| UTAK RS                        |              |                          |                          |                              |                                                     |
| <b>Ukraine</b>                 |              |                          |                          |                              |                                                     |
| <b>CHERNIVTSI</b>              | 6            | 4C                       | 15<br>33                 | NPA                          |                                                     |
| UKLN RNS                       |              |                          |                          |                              |                                                     |
| <b>DNIPRO</b>                  | 6            | 4C                       | 08<br>26                 | PA-1<br>PA-1                 |                                                     |
| UKDD RS                        |              |                          |                          |                              |                                                     |
| <b>IVANO-FRANKIVS'K</b>        | 8            | 4D                       | 10<br>28                 | NPA<br>NPA                   |                                                     |
| UKLI RNS                       |              |                          |                          |                              |                                                     |
| <b>KHARKIV / Osnova</b>        | 6            | 4E                       | 08<br>26                 | NPA                          |                                                     |
| UKHH RS                        |              |                          |                          |                              |                                                     |
| <b>KHERSON</b>                 |              |                          |                          |                              |                                                     |
| UKOH RS                        |              |                          |                          |                              |                                                     |
| <b>KRYVYI RIH / Lozuvatka</b>  | 6            | 4D                       | 18<br>36                 | NPA<br>NPA                   |                                                     |
| UKDR RNS                       |              |                          |                          |                              |                                                     |
| <b>KYIV / Antonov-2</b>        | 9            | 4E                       | 15<br>33                 | PA-1<br>PA-1                 | Aircraft type AN225 wing span 88.4m is operating    |
| UKKM RNS                       |              |                          |                          |                              |                                                     |
| <b>KYIV / Boryspil</b>         | 7<br>8       | 4D<br>4F                 | 18R<br>36L<br>18L<br>36R | PA-2<br>PA-1<br>PA-1<br>PA-3 | Construction of a new passenger terminal is planned |
| UKBB RS                        |              |                          |                          |                              |                                                     |
| <b>KYIV / Zhuliany</b>         | 6            | 4C                       | 08<br>26                 | NPA<br>NPA                   |                                                     |
| UKKK RS                        |              |                          |                          |                              |                                                     |
| <b>L'VIV</b>                   | 7            | 4D                       | 13<br>31                 | NPA<br>NPA                   |                                                     |
| UKLL RS                        |              |                          |                          |                              |                                                     |
| <b>MYKOLAIV</b>                | 7            | 4D                       | 05<br>23                 | NPA<br>NPA                   |                                                     |
| UKON RNS                       |              |                          |                          |                              |                                                     |
| <b>ODESA</b>                   | 7            | 4D                       | 16<br>34                 | NPA<br>NPA                   |                                                     |
| UKOO RS                        |              |                          |                          |                              |                                                     |
| <b>RIVNE</b>                   | 6            | 4D                       | 12<br>30                 | NPA<br>NPA                   |                                                     |
| UKLR RNS                       |              |                          |                          |                              |                                                     |
| <b>SEVASTOPOL' / Bel'bek</b>   |              |                          |                          |                              | CLOSED<br>CLOSED                                    |
| UKFB -                         |              |                          |                          |                              |                                                     |
| <b>SIMFEROPOL</b>              | 7            | 4F                       | 01<br>19                 | PA-1<br>PA-1                 | CLOSED<br>CLOSED                                    |
| UKFF -                         |              |                          |                          |                              |                                                     |
| <b>UZHHOROD</b>                | 5            | 4C                       | 10<br>28                 | NPA<br>No landing            | Tail-wind up to 5 m/sec.                            |
| UKLU RNS                       |              |                          |                          |                              |                                                     |
| <b>VINNYTSIA / Gavryshivka</b> | 7            | 4C                       | 13<br>31                 | PA-1<br>PA-1                 |                                                     |
| UKWW RNS                       |              |                          |                          |                              |                                                     |
| <b>ZAPORIZHZHIA / Mokraya</b>  | 8            | 4D                       | 02                       | NPA                          |                                                     |

| City / Aerodrome / Designation | RFF category | Physical characteristics |         |          | Remarks |
|--------------------------------|--------------|--------------------------|---------|----------|---------|
|                                |              | RC                       | RWY No. | RWY type |         |
| 1                              | 2            | 3                        | 4       | 5        | 6       |
| UKDE RS                        |              |                          | 20      | NPA      |         |
| <b>United Kingdom</b>          |              |                          |         |          |         |
| <b>ABERDEEN / Dyce</b>         | 7            | 4D                       | 16      | PA-1     |         |
| EGPD RS                        |              |                          | 34      | PA-1     |         |
| <b>BELFAST / Aldergrove</b>    | 8            | 4E                       | 07      | NPA      |         |
| EGAA RS                        |              |                          | 25      | PA-3     |         |
|                                |              |                          | 17      | PA-1     |         |
|                                |              |                          | 35      | NPA      |         |
| <b>BELFAST / City</b>          | 6            | 3C                       | 04      | NPA      |         |
| EGAC RS                        |              |                          | 22      | PA-1     |         |
| <b>BIGGIN HILL</b>             | 2            | 3B                       | 03      | NINST    |         |
| EGKB RNS                       |              |                          | 21      | PA-1     |         |
| <b>BIRMINGHAM</b>              | 8            | 4E                       | 15      | PA-3     |         |
| EGBB RS                        |              |                          | 33      | PA-3     |         |
|                                |              | 2C                       | 06      | NPA      |         |
|                                |              |                          | 24      | NPA      |         |
| <b>BLACKPOOL</b>               | 4            | 4C                       | 10      | NPA      |         |
| EGNH RNS                       |              |                          | 28      | PA-1     |         |
| <b>BOURNEMOUTH</b>             | 6            | 4C                       | 08      | PA-1     |         |
| EGHH RS                        |              |                          | 26      | PA-1     |         |
| <b>BRISTOL</b>                 | 7            | 4D                       | 09      | PA-1     |         |
| EGGD RS                        |              |                          | 27      | PA-3     |         |
| <b>CARDIFF</b>                 | 7            | 4D                       | 12      | PA-1     |         |
| EGFF RS                        |              |                          | 30      | PA-1     |         |
| <b>DURHAM TEES VALLEY</b>      | 6            | 4C                       | 05      | PA-1     |         |
| EGNV RS                        |              |                          | 23      | PA-1     |         |
| <b>EAST MIDLANDS</b>           | 7            | 4E                       | 09      | PA-1     |         |
| EGNX RS                        |              |                          | 27      | PA-3     |         |
| <b>EDINBURGH</b>               | 7            | 4C                       | 13      | NPA      |         |
| EGPH RS                        |              |                          | 31      | NPA      |         |
|                                |              | 4D                       | 07      | PA-3     |         |
|                                |              |                          | 25      | PA-3     |         |
| <b>EXETER</b>                  | 6            | 4D                       | 08      | PA-1     |         |
| EGTE RS                        |              |                          | 26      | PA-1     |         |
| <b>GLASGOW</b>                 | 8            | 4D                       | 05      | PA-3     |         |
| EGPF RS                        |              |                          | 23      | PA-3     |         |
|                                |              | 4E                       | 03      | NINST    |         |
|                                |              |                          | 21      | NINST    |         |
| <b>GUERNSEY</b>                | 6            | 3C                       | 09      | PA-1     |         |
| EGJB RS                        |              |                          | 27      | PA-1     |         |
| <b>HUMBERSIDE</b>              | 5            | 4D                       | 03      | NPA      |         |
| EGNJ RS                        |              |                          | 21      | PA-1     |         |
| <b>ISLE OF MAN</b>             | 6            | 3C                       | 08      | PA-1     |         |
| EGNS RS                        |              |                          | 26      | PA-1     |         |
| <b>JERSEY</b>                  | 7            | 4C                       | 08      | PA-1     |         |
| EGJJ RS                        |              |                          | 26      | PA-1     |         |
| <b>KIRKWALL</b>                |              | 3C                       | 10      | NINST    |         |
| EGPA AS                        |              |                          | 28      | NINST    |         |
| <b>LEEDS BRADFORD</b>          | 7            | 4E                       | 14      | PA-1     |         |
| EGNM RS                        |              |                          | 32      | PA-3     |         |
| <b>LIVERPOOL</b>               | 6            | 4E                       | 09      | NPA      |         |
| EGGP RS                        |              |                          | 27      | PA-2     |         |
| <b>LONDON / City</b>           | 6            | 2C                       | 10      | PA-1     |         |
| EGLC RS                        |              |                          | 28      | PA-1     |         |
| <b>LONDON / Gatwick</b>        | 9            | 4E                       | 08      | PA-3     |         |

| City / Aerodrome / Designation      | RFF category | Physical characteristics |                                      |                                             | Remarks |
|-------------------------------------|--------------|--------------------------|--------------------------------------|---------------------------------------------|---------|
|                                     |              | RC                       | RWY No.                              | RWY type                                    |         |
| 1                                   | 2            | 3                        | 4                                    | 5                                           | 6       |
| EGKK RS                             |              |                          | 26                                   | PA-3                                        |         |
| <b>LONDON / Heathrow</b><br>EGLL RS | 9            | 4E<br>4E<br>4E           | 09R<br>27L<br>09L<br>27R<br>05<br>23 | PA-3<br>PA-3<br>PA-3<br>PA-3<br>NPA<br>PA-1 |         |
| <b>LONDON / Luton</b><br>EGGW RS    | 7            | 4E                       | 08<br>26                             | PA-3<br>PA-3                                |         |
| <b>LONDON / Stansted</b><br>EGSS RS | 8            | 4E                       | 05<br>23                             | PA-3<br>PA-3                                |         |
| <b>LYDD</b><br>EGMD RNS             | 5            | 3C                       | 04<br>22                             | NINST<br>PA-1                               |         |
| <b>MANCHESTER</b><br>EGCC RS        | 9            | 4E                       | 06L<br>24R<br>06R<br>24L             | PA-3<br>PA-3<br>PA-1<br>NPA                 |         |
| <b>NEWCASTLE</b><br>EGNT RS         | 7            | 4E                       | 07<br>25                             | PA-3<br>PA-2                                |         |
| <b>NORWICH</b><br>EGSH RS           | 5            | 4C                       | 09<br>27                             | NPA<br>PA-1                                 |         |
| <b>PRESTWICK</b><br>EGPK RS         | 8            | 4E                       | 13<br>31                             | PA-1<br>PA-1                                |         |
| <b>SHOREHAM</b><br>EGKA RNS         | 2            | 2A                       | 03<br>21                             | NPA<br>NINST                                |         |
| <b>SOUTHAMPTON</b><br>EGHI RS       | 5            | 3C                       | 02<br>20                             | NPA<br>PA-1                                 |         |
| <b>SOUTHEND</b><br>EGMC RS          | 5            | 3C                       | 06<br>24                             | NPA<br>PA-1                                 |         |
| <b>SUMBURGH</b><br>EGPB RNS         | 5            | 2C                       | 09<br>27<br>15<br>33                 | NPA<br>PA-1<br>NINST<br>NINST               |         |
| <b>Uzbekistan</b>                   |              |                          |                                      |                                             |         |
| <b>BUKHARA</b><br>UTSB RS           | 7            | 4D                       | 01<br>19                             | PA-1<br>NPA                                 |         |
| <b>SAMARKAND</b><br>UTSS RS         | 7            | 4D                       | 09<br>27                             | PA-1<br>NPA                                 |         |
| <b>TASHKENT / Yuzhny</b><br>UTTT RS | 8            | 4E                       | 08L<br>26R<br>08R<br>26L             | PA-2<br>PA-1<br>PA-1<br>NPA                 |         |
| <b>TERMEZ</b><br>UTST RS            | 6            | 4D                       | 07<br>25                             | NPA<br>NPA                                  |         |
| <b>URGENCH</b><br>UTNU RS           | 7            | 4D                       | 13<br>31                             | NPA<br>PA-1                                 |         |

**EUR ANP, VOLUME II****PART III – COMMUNICATIONS, NAVIGATION AND SURVEILLANCE (CNS)****1. INTRODUCTION**

1.1 This part of the EUR ANP, Volume II, complements the provisions in ICAO SARPs and PANS related to communication, navigation and surveillance (CNS). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of CNS facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to CNS facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified.

**2. GENERAL REGIONAL REQUIREMENTS****Communications***Aeronautical Fixed Service (AFS)*

2.1 The aeronautical fixed service should comprise the following systems and applications that are used for ground-ground (i.e. point-to-point and/or point-to-multipoint) communications in the international aeronautical telecommunication service:

- a) ATS direct speech circuits and networks;
- b) meteorological operational circuits, networks and broadcast systems, including World Area Forecast System – Internet File Service (WIFS) and/or Secure Aviation Data Information Service (SADIS);
- c) the aeronautical fixed telecommunications network (AFTN);
- d) the common ICAO data interchange network (CIDIN);
- e) the air traffic services (ATS) message handling services (AMHS); and
- f) the inter-centre communications (ICC).

2.2 To meet the data communication requirements, a uniform high-grade aeronautical network should be provided, based on the aeronautical telecommunication network (ATN), taking into account the existence and continuation of current networks.

2.3 Contingency procedures should be in place to ensure that, in case of a communication centre breakdown, all the parties concerned are promptly informed of the prevailing situation. All possible arrangements should be made to ensure that, in case of breakdown of a communications centre or circuit, at least high-priority traffic continues to be handled by appropriate means.

2.4 AFS planning should permit flexibility in detailed development and implementation. The required AFTN Stations and COM Centres are listed in the AFTN/CIDIN/AMHS Plan in **Table CNS II-1**, available at [www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-1](http://www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-1)

*The Aeronautical Telecommunication Network (ATN)*

2.5 The ATN should be able to:

- a) support applications carried by the existing networks;
- b) support gateways enabling inter-operation with existing networks; and
- c) support ground-ground communications traffic associated with air-ground data link applications.

2.6 The ATN should make optimum use of dedicated bilateral/multilateral aeronautical links and other communication means commensurate with the operational Quality of Service (QoS) requirements.

2.7 The implementation of the ATN should take into account the need for cost-effective evolution in terms of network capacity, requirements and time-frame and allow for a progressive transition from existing communication networks and services to a uniform, harmonised and integrated communications infrastructure, capable of supporting the implementation of future aeronautical services such as Flight and Flow Information in a Collaborative Environment (F-FICE), System-Wide Information Management (SWIM) applications, etc.

2.8 In case means other than dedicated bilateral links are used by the ATN, States should ensure that service level agreements (SLA) are met in terms of implementation priority, high availability, priority in restoration of service and appropriate levels of security.

2.9 The ATN should provide for interregional connections to support data exchange and mobile routing within the global ATN.

2.10 In planning the ATN, provisions should be made, where required, for interfacing with other international networks.

#### *Network services*

2.11 The Internet Society (ISOC) communications standards for the Internet Protocol Suite (IPS) should be used for the implementation of AMHS.

2.12 The migration from legacy bit-oriented protocols such as X.25 Protocol suite to IPS should be planned.

2.13 The migration of international or sub-regional ground networks to the ATN based on Internet Protocol (IP) to support AFS communication requirements, while reducing costs, should be planned.

2.14 States should ensure that the solutions provided for the implementation of the ATN meet the air traffic management and aeronautical fixed service requirements. Such requirements should consist of:

- a) Performance requirements: availability, continuity, integrity, monitoring and alerting criteria per data flow. In the case where a required communication performance (RCP) is globally prescribed, requirements derived from RCP should be stated;
- b) Interoperability requirements;
- c) Safety and security requirements, duly derived after the identification of operational hazards and threats, and allocation of objectives; and
- d) Implementation process requirements (creation, test, migration, upgrades, priority in restoration of service, termination).

#### *Network management*

2.15 An ICAO centralised off-line network management service is provided to participating AFTN/ AMHS centres in the EUR Regions under the ATS Messaging Centre (AMC).

2.16 In the case of integrated communications services procured and shared by several States, organizational provisions should allow for the planning and performing of the management of technical performance, network configuration, fault, security, cost division/allocation, contract, orders and payment.

*Specific air traffic management (ATM) requirements*

2.17 Where ATS speech and data communication links between any two points are provided, the engineering arrangements should be such as to avoid the simultaneous loss of both circuits. The required ATS direct speech circuits plan is detailed under **Table CNS II-3**, available at [www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-3](http://www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-3)

2.18 Special provisions should be made to ensure a rapid restoration of ATS speech circuits in case of outage, as derived from the performance and safety requirements.

2.19 Data circuits between ATS systems should provide for both high capacity and message integrity.

2.20 The Inter-Centre Communication (ICC), consisting of ATS Inter-facility Data Communication (AIDC) application and the Online Data Interchange (OLDI) application, should be used for automated exchange of flight data between ATS units to enhance the overall safety of the ATM operation and increase airspace capacity.

2.21 Where Voice over IP is planned or implemented between ATS units for voice communications, it should meet the ATS requirements. When data and voice are multiplexed, particular attention should be paid to the achievement of the ATM performance and safety requirements.

*Specific meteorological (MET) requirements*

2.22 The increasing use of the GRIB (Gridded Binary or General Regularly-distributed Information in Binary form) and BUFR (Binary Universal Form for the Representation of meteorological data) code forms for the dissemination of the upper wind and temperature and significant weather forecasts and the planned transition to digital form using extensible markup language (XML)/geography markup language (GML) for the dissemination of OPMET data should be taken into account in the planning process of the ATN.

2.23 In planning the ATN, account should be taken of changes in the current pattern of distribution of meteorological information resulting from the increasing number of long-range direct flights and the trend towards centralized flight planning.

*Specific aeronautical information management (AIM) requirements*

2.24 The aeronautical fixed service should meet the requirements to support efficient provision of aeronautical information services through appropriate connections to area control centres (ACCs), flight information centres (FICs), aerodromes and heliports at which an information service is established.

*Aeronautical Mobile (Route) Service (AM(R)S)*

2.25 To meet the air-ground data communication requirements, a high-grade aeronautical network should be provided based on the ATN, recognising that other technologies may be used as part of the transition. The network needs to integrate the various data links in a seamless fashion and provide for end-to-end communications between airborne and ground-based facilities.

2.26 Whenever required, use of suitable techniques on VHF or higher frequencies should be made.

2.27 Aerodromes having a significant volume of International General Aviation (IGA) traffic should also be provided with appropriate air-ground communication channels.

### *Air-Ground Data Link Communications*

2.28 A Strategy for the harmonised implementation of the data link communications in the EUR Region should be developed based on the Global Operational Data Link Document (GOLD) adopted by ICAO Regions and the Aviation System Block Upgrade (ASBU) methodology.

2.29 Where applicable, controller-pilot data link communications (CPDLC), based on ATN VDL data link Mode 2 (VDL2) and/or FANS-1/A, should be implemented for air-ground data link communications.

2.30 Partial or divergent aircraft data link evolutions that result in excluding messages from aircraft systems should not be pursued. Interim steps or phases toward full implementation of the common technical definition in ground systems should only be pursued on a regional basis, after coordination between all States concerned.

2.31 Harmonization of operational procedures for implementation of the above packages is essential. States, Planning and Implementation Regional Groups (PIRGs) and air navigation services providers should adopt common procedures to support seamless ATS provision across FIR boundaries, rather than each State or Region developing and promulgating unique procedures for common functions.

### *Required Communication Performance (RCP)*

2.32 The Required Communication Performance (RCP) concept characterizing the performance required for communication capabilities that support ATM functions without reference to any specific technology should be applied wherever possible.

2.33 States should determine, prescribe and monitor the implementation of the RCP in line with the provisions laid down in the *Performance Based Communication and Surveillance (PBCS) Manual* (Doc 9869).

## **Navigation**

### *Navigation Infrastructure*

2.34 The navigation infrastructure should meet the requirements for all phases of flight from take-off to final approach and landing.

*Note: Annex 10 to the Convention on International Civil Aviation—Aeronautical Telecommunications, Volume I — Radio Navigation Aids, Attachment B, provides the strategy for introduction and application of non-visual aids to approach and landing.*

2.35 The EUR PBN Regional Roadmap/Plan provides guidance to air navigation service providers, airspace operators and users, regulators, and international organizations, on the expected evolution of the regional air navigation system in order to allow planning of airspace changes, enabling ATM systems and aircraft equipage. It takes due account of the operational environment of the EUR Region.

### *PBN Transition Strategy*

2.36 During transition to performance-based navigation (PBN), sufficient ground infrastructure for conventional navigation systems should remain available. Before existing ground infrastructure is considered for removal, users should be given reasonable transition time to allow them to equip appropriately to attain a performance level equivalent to PBN. States should approach removal of existing ground infrastructure with caution to ensure that safety is not compromised. This should be guaranteed by conducting safety assessments and consultations with the users.

### *Use of specific navigation aids*

2.37 Where, within a given airspace, specific groups of users have been authorized by the competent authorities to use special aids for navigation. The respective ground facilities should be located and aligned so as to provide for full compatibility of navigational guidance with that derived from the SARPs.

2.38 States should ensure and oversee that service providers take appropriate corrective measures promptly whenever required by a significant degradation in the accuracy of navigation aids (either space based or ground based or both) is detected.

### **Surveillance**

2.40 An important element of modern air navigation infrastructure required to manage safely increasing levels and complexity of air traffic is aeronautical surveillance systems.

2.41 When operating Mode S radars, States should coordinate with their respective ICAO Regional Office the assignment of their corresponding interrogator identifier (II) codes and surveillance identifier (SI) codes, particularly where areas of overlapping coverage will occur.

### ***Frequency Management***

#### *Aeronautical Mobile Route Service (AM(R)S)*

2.42 Frequencies should be assigned to all VHF aeronautical mobile route service (AM(R)S) facilities in accordance with the principles laid out in Annex 10, Volume V and *ICAO Handbook on Radio Frequency Spectrum Requirements for Civil Aviation* (Doc 9718) Volumes I and II, and take into account:

- a) agreed geographical separation criteria based on 25 kHz or 8.33 kHz interleaving between channels;
- b) agreed geographical separation criteria for the implementation of VDL services;
- c) the need for maximum economy in frequency demands and in radio spectrum utilization; and
- d) a deployment of frequencies which ensures that international services are planned to be free of interference from other services using the same band.

2.43 The priority order to be followed in the assignment of frequencies to service is:

- a) ATS channels serving international services (ACC, APP, TWR, FIS);
- b) ATS channels serving national purposes;
- c) channels serving international VOLMET services;
- d) channels serving ATIS and PAR; and
- e) channels used for other than ATS purposes.

2.44 The criteria used for frequency assignment planning for VHF AM(R)S facilities serving international requirements should, to the extent practicable, also be used to satisfy the need for national VHF AM(R)S facilities.

2.45 Special provisions should be made, by agreement between the States concerned, for the sharing and the application of reduced protection of non-ATS frequencies in the national sub-bands, so as to obtain a more economical use of the available frequency spectrum consistent with operational requirements.

2.46 States should ensure that no air/ground frequency is utilized outside its designated *operational coverage and that the stated operational requirements for coverage of a given frequency can be met for the transmission sites concerned, taking into account terrain configuration.*

### *Radio navigation aids for Aeronautical Radio Navigation Services (ARNS)*

2.47 Frequencies should be assigned to all radio navigation facilities taking into account agreed geographical separation criteria to ILS localizer, VOR and GBAS, X and Y channels to DME, in accordance with the principles laid out in Annex 10, Volume V and *ICAO Handbook on Radio Frequency Spectrum Requirements for Civil Aviation* (Doc 9718) Volumes I and II. Also, the need for maximum economy in frequency demands and in radio spectrum utilization and a deployment of frequencies which ensures that international services are planned to be free of interference from other services using the same band, need to be considered.

2.48 The principles used for frequency assignment planning for radio navigation aids serving international requirements should, to the extent possible, also be used to satisfy the needs for national radio aids to navigation.

### *Support to ICAO Positions for ITU World Radiocommunication Conferences (WRCs)*

2.49 Considering the importance and continuous demand of the radio frequency spectrum and for the protection of the current aeronautical spectrum and the allocation of new spectrum for the new services and system to be implemented in civil air navigation, States and international organizations are to support ICAO's position at ITU World Radiocommunication Conferences (WRCs) and in regional and other international activities conducted in preparation for ITU WRCs.

*Note: The Handbook on Radio Frequency Spectrum Requirements for Civil Aviation (Doc 9718) Volume I, contains ICAO policy statements relevant to the aviation requirements for radio frequency spectrum. The handbook is intended to assist States and ICAO in preparing for ITU WRCs.*

## **3. SPECIFIC REGIONAL REQUIREMENTS**

### ***Network services***

3.1 The Transmission Control Protocol/Internet Protocol (TCP/IP) communication protocol should be used for the initial implementation of AMHS. [EANPG Conc. 44/45]

3.2 The migration of flight data exchange (OLDI) from X.25 to TCP/IP should be planned.

3.3 The migration of international or regional ground networks to the EUR-ATN network based on internet protocol (IP) to support AFS communication requirements, while reducing costs, should be planned.

### ***Network management***

3.4 A centralised off-line network management service is provided to participating AFTN/CIDIN/AMHS centres in the EUR Region. [EANPG Conc. 45/10]

### ***Multinational System Addressing***

3.5 The EU addressing indicator is reserved in *Location* Indicators (Doc 7910) for use by multinational systems in the ICAO European Region to allow multinational systems to retain the same addressing indicator, irrespective of which State or States the service is operated from. This enables the physical location of the service to be independent of the address used. The ICAO EUR/NAT Regional Director is the focal point for proposed changes to the EU addressing indicator in Doc 7910.

3.6 The use of the EU indicator needs to be carefully managed to ensure that the primary purpose of the addressing indicator, which is to enable the AFTN addressing system, is not compromised. Therefore, the following basic rules should be applied:

- i) only State groupings within the EUR Region that are providing multinational services can be considered as being eligible to use EU;

- ii) there must be clear operational and/or institutional needs for an allocation;
- iii) there must be an assessment of implications, and
- iv) assignments are to be formulated in accordance with the requirements of Doc 7910. The 3rd and 4th letters of an EU allocation will identify the function of the system. The 5th to 8th letters will be assigned in accordance with the requirements of Doc 8585, in close co-ordination with the EANPG COG.

3.7 The ICAO Regional Director of the EUR/NAT Office should consider a request for an EU allocation in ICAO Doc 7910 only when the above requirements are met.

### ***Required Communication Performance (RCP)***

3.8 The RCP concept characterizing the performance required for communication capabilities that support ATM functions without reference to any specific technology should be applied wherever possible.

3.9 The States should determine, prescribe and monitor the implementation of the RCP in line with the provisions laid down in the *Performance Based Communication and Surveillance (PBCS) Manual* (Doc 9869).

## **THE EUR PBN IMPLEMENTATION ROADMAP**

### ***Principles of PBN Implementation***

3.10 The broad principles for PBN Implementation derived from the operational requirements of the EUR Region and the concepts and strategies discussed above are:

- a) the Navigation Application and Infrastructure Strategy is required to meet the requirements detailed in the ICAO Global ATM Operational Concept. As such, the Roadmap lays the foundations for achieving the goals of User Preferred Trajectories together with improved access, safety and reduced environmental impact targets;
- b) GNSS becomes the primary means of navigation, to the degree that this can be demonstrated to be safe and cost effective; and
- c) given that satellite-based Navigation increasingly co-exist with satellite-based Surveillance and Communication services, the Roadmap takes due account of all ATM/CNS components.

3.11 The application of these principles shall:

- a) identify and evolve from the needs and priorities of both users and providers of the navigation systems and/or services;
- b) provide tangible and early benefits for the users;
- c) safeguard capital investments, necessary to maintain the existing infrastructure and future rationalisation plans;
- d) take due account of sub-regional institutional arrangements and regulations;
- e) accommodate geographical differences in capabilities, performance requirements and infrastructure;
- f) enable coherent development plans within the EUR region and ensure an appropriate interface to the adjacent regions; and
- g) accept the continued operations of aircraft with lower navigation capabilities for as long as operationally feasible.

*Benefits*

3.12 The following are the benefits expected to be derived by the implementation of PBN:

- a) improved safety, efficiency and reduced environmental impact through the implementation of continuous and stabilized descent procedures using vertical guidance accompanied by the gradual elimination of Non-Precision Approaches by 2016;
- b) implementation of more flexible and precise approach, departure, and arrival paths that will reduce dispersion and will enable improved airspace design fostering increased capacity;
- c) flight efficiency by the extension of RNAV applications allowing for more optimised trajectories;
- d) increased capacity through implementation of additional parallel routes and additional arrival and departure points in terminal areas;
- e) increase capacity through reduction of lateral and longitudinal separation enabled by RNAV and RNP;
- f) reduced environmental impact resulting from savings in fuel and through noise reduction by the improved placement of routes using RNAV and RNP;
- g) mission effectiveness improved through the accommodation of aircraft with lower navigation capability for as long as operationally feasible;
- h) improved airport access through provision of APV and RNP APCH or RNP AR APCH;
- i) decrease ATC and pilot workload by utilizing RNAV/RNP procedures and airborne capability and reduce the needs for ATC-Pilot communications and radar vectoring; and
- j) interoperability with other ICAO regions.

**PBN APPLICATIONS***En-Route Operations*

3.13 For en-route operations the application of RNAV 5 is mandated in designated parts of the ICAO EUR Region.

3.14 The ICAO EUR Region is characterized by diverse air traffic volumes and densities, operational requirements and CNS/ATM capabilities. This emanates partly from the fact that the EUR Region includes high-density continental and low density remote continental areas. Therefore a single RNAV/RNP navigation specification may not meet operational requirements of the whole EUR Region and different navigation applications may be applied by different homogeneous ATM areas.

*TMA Operations*

3.15 Requirements for TMA operations have their own characteristics, taking into account the applicable separation minima between aircraft and between aircraft and obstacles. It also involves the diversity of aircraft, including low-performance aircraft flying in the lower airspace and conducting arrival and departure procedures on the same path or close to the paths of high-performance aircraft.

3.16 The mix of traffic differs remarkably between airports. Different capabilities of aircraft using an airport, together with airspace restrictions which can prevent the introduction of special RNAV/RNP routes, may result in constraining the possibility of an airport to introduce RNAV or RNP operations. Therefore, it is possible that airports situated within the same TMA could have differing capabilities to introduce PBN operations.

3.17 As a result, States should develop their own national plans for the implementation of PBN in TMAs, based on the PBN Manual, seeking the harmonization of the application of PBN and avoiding the need for multiple operational approvals and applicable aircraft separation criteria.

3.18 The following PBN strategy was agreed in the ICAO EUR Region:

- a) implementation of any RNAV or RNP application shall be in compliance with ICAO PBN Manual (Doc 9613);
- b) recognizing that B-RNAV/P-RNAV can be regarded as equivalent to RNAV5/RNAV1, as defined in the ICAO PBN Manual, their use will be continued for en-route and terminal applications at least until 2015;
- c) the target date for the completion of implementation for the Approach procedures with vertical guidance (APV) (APV/Baro-VNAV and/or APV/SBAS) for all instrument runway ends is 2016;
- d) replacement of RNAV5/RNAV1 (B-RNAV/P-RNAV) specification by RNP specifications (e.g. Basic RNP-1 and advanced-RNP) for the use in the en-route and terminal airspace to commence by 2015.

*Note: ICAO PBN Manual compliant terms, e.g. RNAV 1 and RNAV 5, shall be implemented for all new aeronautical information publications and as an update to existing publications (i.e. initially published before end of 2014). (EANPG/Conclusion 50/14 refers).*

#### *Instrument Approaches*

3.19 States should introduce PBN approaches that provide Vertical Guidance to enhance safety. These should be based on APV, Baro-VNAV and/or Space Based augmentation Systems (SBAS) where possible. Conventional approach procedures and conventional navigation aids should be maintained to support non-equipped aircraft during the transitional period.

3.20 With the expected reduction and subsequent removal of VOR and NDB it is expected that conventional Non Precision Approaches (NPA) will have to be withdrawn by 2025. States should make clear their own individual plans in order to assist operators in their planning for the transition to PBN.

### **NAVIGATION INFRASTRUCTURE**

3.21 The requirements for navigation infrastructure described hereafter address all phases of flight.

#### **En-route and TMA**

##### 2010-2015

3.22 Transition to a total RNAV environment requires enhancing DME coverage and/or ensuring the quality of GNSS signal, as well as the improvement of service quality for en-route and terminal operations. This should be achieved mainly by deploying additional DMEs and certifying GNSS service providers in part of the EUR Region. Repositioning some of the existing facilities might be needed, as required by decommissioning of VORs.

3.23 P-RNAV infrastructure assessment guidance material ([EUROCONTROL Guideline for P-RNAV Infrastructure Assessment](#)) has been developed and can be used to aid in assessment of DME-DME network requirements.

3.24 Decommissioning of NDBs and reduction of the number of VORs take place due to a progressive reduction of conventional routes and procedures. During this transition, a sufficient backbone of conventional navigation aids should exist to support the remaining non-RNAV routes. This remaining infrastructure should also support the existing conventional approach procedures. At the same time, it will also allow ATC to re-route aircraft in the event of individual aircraft RNAV failure.

3.25 In the European Union the European Aviation Safety Agency (EASA) is the authority for the oversight of the provider of the European Geostationary Navigation Overlay Service (EGNOS). Equipped

aircraft will be authorized to use EGNOS within its area of coverage and within the limits of its declared performance after the certification of the relevant Navigation Service Provider (NSP).

#### 2015-2020

3.26 The transition to a total RNAV environment requires generalised use of GNSS in those areas where suitable DME coverage cannot be achieved, such as low flight levels in terrain constrained areas.

3.27 GNSS sensors might be required for all General Air Traffic (GAT) operations. Dual RNAV with DME/DME and GNSS sensors, or other solutions ensuring a level of safety commensurate to the type of operations, may be foreseen to overcome loss of GNSS signal in order to meet the operational requirements in respect of the risk of loss of navigation capability on air transport operations. Alternate equipment using ground based navigation aids could be planned.

3.28 Galileo and enhanced GPS should become available during the 2015-2020 timeframe. This will allow for an increased reliance on GNSS once dual constellation and dual frequency equipment are installed in aircraft and experience is built up on Galileo operation.

3.29 The existence of a total RNAV environment should allow further removal of VORs and NDBs, as well as further removal of unnecessary avionics.

#### Beyond 2020

3.30 In this time frame, a multi-constellation and multi frequency GNSS environment is expected. This will provide an adequate level of GNSS service in terms of robustness and performance.

3.31 These GNSS enhancements should reduce significantly the probability of having a GNSS failure and would reduce the extent of an alternative reversion. They should also allow for a reduced DME network enough to support the back-up requirement.

3.32 The existence of a total RNAV environment should allow for an almost total removal of VORs.

### **Approach and Landing**

#### 2010-2015

3.33 Instrument Landing System (ILS) remains during this period the prime source of guidance for precision approaches and landings in the EUR and continues to support all categories of airspace users.

3.34 Cat I GLS (GBAS/GPS) becomes available. ILS will probably remain the only means for Cat II/III operations. However, toward the end of the period, depending on Research and Development results, there may be limited availability of Cat II/III GLS based operations (using an augmented GPS/GBAS capability of on-board systems) at runways with Cat II/III lighting. This might increase the potential use of GBAS as a back up to ILS in case of maintenance/system failures.

3.35 NPAs (both conventional and RNAV) are gradually being replaced by Approaches Procedures with Vertical Guidance (APV), based on either SBAS or Baro-VNAV, in accordance with the A37-11 resolution. This is expected to be completed during the period 2015-2020 with the provision of APV to all IFR runway ends, including those mainly used by general aviation. The prioritization of RNP APCH implementation in the ICAO EUR Region will be done as follows (EANPG Statement 55/1 refers):

- a) implement APV Baro-VNAV or LPV procedures:
  - i) at instrument runways served only by procedures based on NDB; and

ii) as replacements to all non-precision approach procedures

*Note: Whenever LPV is available, a Baro-VNAV should be provided too, as practicable*

b) implement APV as back up to precision approaches procedures.

3.36 Runways presently not equipped with Precision Approach and Landing systems may consider SBAS (e.g. LPV down to 200 ft DH) or Cat I GLS (GBAS/GPS) systems associated with airport lighting systems upgrades as needed.

3.37 Some CAT I ILSs may be replaced by SBAS APV or CAT I GLS. Business cases to justify such changes depend upon the EGNOS NSP certification, the number of procedures published in the AIPs, nature of traffic, the capability of SBAS to serve multiple runway directions at a single aerodrome and the availability of aircraft with certified GNSS based approach and landing systems.

3.38 Where a business case can be made (e.g. improved capacity) MLS Cat II/III may be equipped as an alternative or replacement to ILS.

#### 2015-2020

3.39 ILS remains the prime source of guidance for precision approaches and landings in the EUR Region. MLS, Cat I GLS and LPV 200 continue to be introduced or maintained where required.

3.40 As Cat II/III GLS (GBAS/Multi-constellation Dual Frequency) becomes available and with the increased equipage of aerodromes with GBAS ground station and aircraft with GLS capability, GLS procedures should be increasingly used.

3.41 Users not approved for RNP APCH/LPV approaches may suffer operational limitations when conventional NPA procedures are removed and associated navigation aids are decommissioned. RNP AR APCH should have an increased number of applications in those places where RNP operations cannot be undertaken using RNP APCH procedures.

#### Beyond 2020

3.42 ILS should remain a significant source of guidance for precision approaches and landings in Cat II/III.

3.43 MLS, Cat I GLS and LPV 200 should continue to be introduced where required.

3.44 An increased number of GLS equipped aircraft together with the provision of GLS GBAS procedures (Cat I/II/III) at more airports should take place. This is expected to be accompanied by an extensive decommissioning of ILS CAT I systems, based on a positive business and safety case.

3.45 ILS Cat II/III should be retained to provide backup for GLS to address GLS availability issues (deliberate jamming and solar activity) where and when justified. If ILS is not available, requirement for RNP APCH/LPV/GBAS should be established.

3.46 An increased number of aircraft (including general aviation) equipped with combined GPS/Galileo/SBAS receivers will lead to the introduction of LPV procedures at all IFR runway ends.

3.47 The application of RNP AR APCH should continue to increase where RNP operations cannot be undertaken using RNP APCH procedures.

#### Transition Strategy

3.48 During the transition to a PBN environment, sufficient ground infrastructure to ensure conventional navigation must remain available. Before removing ground infrastructure, users should be given reasonable transition time to install appropriate airborne equipment able to meet the PBN requirements. States should approach removal of existing ground infrastructure with caution to ensure that safety is not compromised. This could be guaranteed by performance of safety assessments and consultations with the users.

3.49 States should cooperate on a multinational basis to implement PBN in order to facilitate a seamless and inter-operable environment and undertake coordinated R&D programs on PBN implementation and operation.

3.50 States are encouraged to consider catering for traffic according to navigation capability and granting benefits to aircraft with better navigation performance, taking due consideration of the needs of State/Military aircraft.

3.51 States should encourage operators and other airspace users to equip with PBN-capable avionics. This can be achieved through early introductions of RNP approaches, preferably those with vertical guidance.

### **Safety Documentation & Monitoring Requirements**

#### **Need to document safety assessment**

3.52 To ensure that the introduction of PBN is undertaken in a safe manner in accordance with relevant ICAO provisions, implementation shall only take place following the conduct of a documented safety assessment to demonstrate that an acceptable level of safety will be met. Additionally, ongoing periodic safety reviews should be undertaken where required in order to establish that operations continue to meet the target level of safety.

#### **Use of specific navigation aids**

3.53 Where, within a given airspace, a group of users has been authorized to use special aids for navigation by the competent authorities, the respective ground facilities should be located and aligned in such a way to ensure full compliance with ICAO Annex 10 provisions.

3.54 States should ensure and oversee that Navigation Service Providers (i.e. providers of the navigation signals in space) take appropriate corrective measures promptly whenever a significant degradation in the accuracy of navigation aids (either space based or ground based or both) is detected.

## **SURVEILLANCE**

### ***Planning Considerations***

3.55 The ICAO European Region is currently characterized by the use of the following surveillance systems:

- a) Secondary Surveillance Radars (SSR) Mode A, C and S in terminal and en-route continental airspace;
- b) Primary Surveillance Radars (PSR) primarily in terminal airspace;
- c) Automatic Dependent Surveillance – Broadcast (ADS-B) and Wide Area Multilateration (WAM).
- d) Automatic Dependent Surveillance – Contract (ADS-C) in some parts of the oceanic and remote continental airspace.

3.56 In order to meet the evolving operational requirements foreseen by 2020, the following surveillance infrastructure guiding principles had been agreed in the EUR Region:

- a) an independent surveillance system to track non-cooperative targets where and when required. This will be provided by PSR unless and until an alternative solution is required and developed;
- b) an independent surveillance system to track co-operative targets. This can be enabled by SSR Mode A/C or SSR Mode S or Wide Area Multilateration;
- c) dependant co-operative surveillance based upon ADS-B providing positional data of suitable quality. The common, internationally agreed technical enabler for this type of surveillance is 1090 MHz Extended Squitter based ADS-B data link. ADS-C in remote and oceanic areas only;
- d) since aircraft will be equipped with Mode S and ADS-B systems, the choice of cooperative surveillance technology (Mode S, ADS-B, Multilateration) remains flexible, the service provider will determine the best solution for their particular operating environment, based on cost and performance;
- e) an increasing use of ADS-B and/or Airport Multilateration at aerodromes is also foreseen and, particularly, the use of the Advanced Surface Movement Guidance and Control System (A-SMGCS). Surface Movement Radars will provide Independent Non-Cooperative airport surveillance; and
- f) an increased use of surveillance data on-board of 'ADS-B IN' equipped aircraft will support Air Traffic Situational Awareness (ATSA) and spacing applications and later separation applications. This also allows for increased delegation of responsibility for separation to the flight crew.

3.57 In the European Union, Regulation (EU) No 1207/2011, as amended by Implementing Regulation (EU) No 1028/2014, lays down the requirements for the performance and interoperability of surveillance for the Single European Sky. This regulation is applicable to air traffic service providers which provide air traffic control services based on surveillance data, and to communication, navigation and surveillance providers which operate systems composing the surveillance chain. The Regulation essentially provides airborne carriage obligations for operators regarding secondary surveillance radar transponders (Mode S Elementary, ADS-B OUT, and Mode S Enhanced).

## **FREQUENCY MANAGEMENT**

### ***Planning Considerations***

#### *General*

3.58 Frequency assignment planning in the EUR region should be carried out in accordance with the provisions of Annex 10, as necessary, by regional recommendations and technical criteria developed for this purpose. Detailed guidance on frequency assignment planning for AM(R)S and radio navigation aids are contained in ICAO EUR Frequency Management Manual Doc 011.

#### *AM(R)S*

3.59 Frequencies should be assigned to all VHF AM(R)S facilities, taking into account:

- a) agreed geographical separation criteria based on 8.33 kHz interleaving between channels for the area where this channel spacing is applicable;
- b) agreed geographical separation criteria based on 25 kHz interleaving between channels;
- c) agreed geographical separation criteria for the implementation of VDL services;
- d) the need for maximum economy in frequency demands and in radio spectrum utilization; and
- e) a deployment of frequencies which ensures that international services are planned to be free of interference from other services using the same band.

3.60 The priority order to be followed in the assignment of frequencies to service is:

- a) ATS channels serving international services (ACC, APP, TWR, FIS);
- b) ATS channels serving national purposes;
- c) channels serving international VOLMET services;
- d) channels serving ATIS and PAR; and
- e) channels used for other than ATS purposes.

3.61 The criteria used for frequency assignment planning for VHF AM(R)S facilities serving international requirements should, to the extent practicable, also be used to satisfy the need of national VHF AM(R)S facilities.

3.62 Special provisions should be made, by agreement between the States concerned, for the sharing and application of reduced protection of non-ATC frequencies in the national sub-bands, so as to obtain a more economical use of the available frequency spectrum consistent with operational requirements.

3.63 It should be ensured that no air/ground frequency is utilized outside its designated operational coverage.

3.64 It should be ensured that the stated operational requirements for coverage of a given frequency can be met for the transmission sites concerned, taking into account terrain configuration.

#### *Radio navigation aids*

3.65 Frequencies should be assigned to all radio navigation facilities taking into account:

- a) agreed geographical separation criteria based on assignments of 50 kHz-spaced frequencies to ILS localizer and VOR, X and Y channels to DME and 25 KHz space frequencies to GBAS;
- b) the need for maximum economy in frequency demands and in radio spectrum utilization; and
- c) a deployment of frequencies which ensures that international services are planned to be free of interference from other services using the same band.

3.66 The principles used for frequency assignment planning for radio navigation aids serving international requirements should, to the extent possible, also be used to satisfy the needs for national radio aids to navigation.

3.67 The following planning criteria for MLS frequency planning in the EUR region should be applied, aimed at allowing the maximum number of MLS-associated DME frequencies on X and Y channels so as to minimize the possible use of W and Z channels:

- a) the height above which guidance signal need not be protected should be 10 000 feet;

*Note.- Signal protection to a height greater than 10 000 ft to meet special operational requirements shall be met on a case-by-case basis through technical (frequency) coordination among those States affected.*

- b) double channel pairing of ILS and MLS with the same DME channel (frequency tripling) is not required; and
- c) the same channel (frequency) may exceptionally be assigned to both approach directions of a dually equipped runway in those cases where this is operationally acceptable.

#### **AERONAUTICAL FIXED SERVICE (AFS)**

3.68 The Regional AFTN/CIDIN/AMHS Plan is maintained in the ATS Messaging Management Centre (AMC). The plan is updated dynamically (AIRAC cycle) depending on network inventory data input

in the AMC database by the Co-operating COM Centre (CCC) operators. The CCC operators in the EUR Region access the plan along with other AMC functions via Internet using the World-Wide Web. The plan is also electronically disseminated to other interested users (e.g. Regional Offices, States outside EUR) by the AMC operator, upon request.

*Note 1.- Further information on the ATS Messaging Management Centre (AMC) may be found on the EUROCONTROL website at <https://extranet.eurocontrol.int/http://onesky.eurocontrol.int/portal/dt>.*

*Note 2. - Connectivity details concerning AFTN/CIDIN/AMHS are shown in Table AFS 1 at [www.icao.int/EURNAT/Pages/EUR-and-NAT-Documents.aspx&NATDocuments/AFS-1](http://www.icao.int/EURNAT/Pages/EUR-and-NAT-Documents.aspx&NATDocuments/AFS-1).*

3.69 Regional ATS On Line Data Interchange (OLDI) planning information is maintained in the EUROCONTROL Flight Message Transport Protocol (FMTP) Database. The FMTP database may be accessed through a web based user interface providing States with a comprehensive and secured tool for updating and querying.

*Note 1. - Further information on the FMTP database may be found on the EUROCONTROL website at <https://extranet.eurocontrol.int/http://onesky.eurocontrol.int/portal/dt>.*

*Note 2. - Connectivity details concerning OLDI are shown in Table AFS 2 at [www.icao.int/EURNAT/Pages/EURandNATDocumentEUR&NATDocuments/AFS-2](http://www.icao.int/EURNAT/Pages/EURandNATDocumentEUR&NATDocuments/AFS-2).*

3.70 Regional ATS Direct Speech planning information is maintained in the EUROCONTROL ATM Ground Voice Network Database (AGVN) Database. The AGVN database may be accessed through a web based user interface providing States with a comprehensive and secured tool for updating and querying.

*Note 1. - Further information on the AGVN database may be found on the EUROCONTROL website at <https://extranet.eurocontrol.int/http://onesky.eurocontrol.int/portal/dt>.*

*Note 2. - Connectivity details concerning ATS Direct Speech are shown in Table AFS 3 at [www.icao.int/EURNAT/Pages/EURandNATDocument](http://www.icao.int/EURNAT/Pages/EURandNATDocument).*

3.71 Use of means other than dedicated bilateral links may be made to meet data communication requirements in cases where performance, availability and cost effectiveness of such means are demonstrated to be equivalent or superior.

## **AERONAUTICAL RADIO NAVIGATION SERVICE**

3.72 Table CNS 4 lists, in alphabetical order by State, procedures and associated radio navigation aids required for non-precision and precision approaches in the EUR Region. Table CNS4 is regularly updated (usually bi-annually) and made available on the following URL - at [www.icao.int/EURNAT/Pages/EURandNATDocument](http://www.icao.int/EURNAT/Pages/EURandNATDocument)

3.73 States should publish information related to the designated operational coverage of individual radio navigation aids in the relevant part of their Aeronautical Information Publications (AIP) and users should be requested not to use aids beyond the coverage specified in such publications.

3.74 States should acknowledge that the designated operational coverage of en-route navigation aids as published in this part (Table CNS 4), while consistent with the stated operational requirements for support of the ATS routes, may be different from that indicated in the national AIPs for national reasons.

## **FREQUENCY ASSIGNMENT PLANNING FOR AM(R)S**

3.75 In order to avoid restrictions on frequency assignment possibilities due to adjacent channel interference on VHF, States that do not already have a requirement to implement 8.33 kHz channel spacing in the VHF aeronautical mobile service but that are located within air-to-air interference range of another State that has to employ that channel spacing, should provide their ground stations with equipment that, even if it operates on channels spaced by 25 kHz, nevertheless has frequency stability and selectivity appropriate

to 8.33 kHz channel spacing operation. In addition, States should ensure that any aircraft flying over or within air-to-air interference range of States where 8.33 kHz channel spacing is employed in the VHF aeronautical mobile service is fitted with airborne equipment having frequency stability and selectivity appropriate to 8.33 kHz channel spacing operation.

3.76 A number of principles and criteria applicable to the practical conduct of frequency assignment are found in the EUR Frequency Management Manual (EUR Doc 011).

3.77 Assignment of frequencies to satisfy aeronautical operational control communication requirements should be made in accordance with the criteria and method shown in the EUR Frequency Management Manual (EUR Doc 011).

3.78 Coordination of frequency assignments in the ICAO EUR Region is carried out via an on-line coordination and registration tool (<https://extranet.eurocontrol.int/http://onesky.eurocontrol.int/portal/dt>). One outcome of this process is reflected in the Table COM. The purpose of these arrangements is also to serve the execution of the SES Network Management Function related to Frequency Management.

3.79 To ensure adequate operational flexibility, the designated operational coverage of an air/ground channel promulgated for specific ACC sectors should take into account any intended combination of control sectors, notably during slack hours.

*Note: Table COM is regularly updated (usually bi-annually)*

## **FREQUENCY ASSIGNMENT PLANNING FOR RADIO NAVIGATION AIDS**

3.80 Principles and criteria applicable to the practical conduct of frequency assignment to VHF/UHF/SHF aids are found in the EUR Frequency Management Manual (EUR Doc 011).

3.81 Principles and criteria applicable to the practical conduct of frequency assignment to LF/MF aids are found in the EUR Frequency Management Manual (EUR Doc 011).

3.82 Coordination of frequency assignments in the ICAO EUR Region is carried out via on-line coordination and registration tool (<https://extranet.eurocontrol.int/http://onesky.eurocontrol.int/portal/dt>). An outcome of this process is reflected in the Table NAV.

*Note: Table NAV is regularly updated (usually bi-annually)*

## **SURVEILLANCE SYSTEMS**

3.83 Principles, procedures and guidance on the use of Mode 3/A secondary surveillance radar codes in the EUR Region are found in the European Secondary Surveillance Radar (SSR) Code Management Plan (EUR Doc 023). The management of SSR codes in the ICAO EUR Region shall be in accordance with the procedures and technical requirements as detailed in EUR Doc 023. Attachment to EUR Doc 023 provides the latest SSR Code Allocation List (CAL) for the ICAO EUR Region.

3.84 Principles and procedures for SSR Mode S Interrogator Codes Allocation in the ICAO EUR are provided in the ICAO European Principles and procedures for SSR Mode S Interrogator Codes (IC) Allocation (EUR Doc 024). The management of Mode S ICs in the ICAO EUR Region shall be in accordance with the procedures and technical requirements as detailed in EUR Doc 024. Attachment to EUR Doc 024 provides information about the Mode S Interrogator Code Allocation process and indicates how to access the latest status of the SSR Mode S Interrogator Code (IC) Allocations for the ICAO EUR Region.

*Note: The Tables and Attachments to EUR Doc 023 and EUR Doc 024 are regularly updated (usually bi-annually)*

**TABLE CNS II- 1 - AERONAUTICAL FIXED TELECOMMUNICATIONS NETWORKS  
(AFTN/CIDIN/AMHS) PLAN**

*Note:* available at [www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-1](http://www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-1)

**TABLE CNS II-2 - REQUIRED ATN INFRASTRUCTURE ROUTING PLAN**

*Note: Not applicable in EUR Region.*

**TABLE CNS II-3 — ATS DIRECT SPEECH CIRCUITS PLAN**

*Note: Available at [www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-3](http://www.icao.int/EURNAT/Pages/EUR&NATDocuments/AFS-3)*

**TABLE CNS II-4 - HF NETWORK DESIGNATORS**

*Note: Not applicable in EUR Region.*

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**EUR ANP, VOLUME II**  
**PART IV - AIR TRAFFIC MANAGEMENT (ATM)**

**1. INTRODUCTION**

1.1 This part of the EUR ANP, Volume II, complements the provisions in ICAO SARPs and PANS related to air traffic management (ATM). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of ATM facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to ATM facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified.

**2. GENERAL REGIONAL REQUIREMENTS**

*Optimization of traffic flows*

2.1 The Planning and Implementation Regional Groups (PIRG), through regional air navigation agreement, are responsible for the optimization of the traffic flows through the continuous improvement of the regional ATS route network and organized track systems and implementation of random routing areas and free route airspace in the Region through the set-up of appropriate mechanisms for regional and inter-regional planning and coordination.

2.2 Whenever practicable, States should, in close coordination with operators, establish the most efficient routings.

2.3 The requirements for regional ATS route network, in particular, for ATS routes over the high seas and airspace of undetermined sovereignty, should be agreed upon through regional air navigation agreement.

*Note: States' AIPs and other States publications should be consulted for information on the implemented ATS routes.*

*Aircraft Identification-SSR Code Management*

2.4 Within the context of air traffic management (ATM) and the provision of air traffic services (ATS), SSR code management is a key element of ATM to ensure continuous, unambiguous aircraft identification. The number of secondary surveillance radar (SSR) codes is limited and poor management of the assignment of SSR codes results in capacity constraints and aircraft delays. States and air navigation service providers (ANSP) should apply the European Secondary Surveillance Radar Code Management Plan (EUR Doc 023) approved by the EANPG. The SSR Codes Management Plan of the EUR Region is addressed in the Specific Regional Requirements of Volume II, in 3 below.

**3. SPECIFIC REGIONAL REQUIREMENTS**

*Aircraft Identification-SSR Code Management*

3.1 In the ICAO EUR Region aircraft identification is performed in accordance with the provisions defined in *Procedures for Air Navigation Services — Air Traffic Management* (PANS-ATM, Doc 4444) and is based on the downlinked aircraft identification and/or discrete secondary surveillance radar (SSR) codes. The downlinked aircraft identification is supported by Mode S, ADS-B, Wide Area Multilateration (WAM) or a combination of these technologies. The assignment of discrete secondary surveillance radar (SSR) codes follows the principles of the Originating Region Code Assignment Method (ORCAM) and is supported by the Centralised Code Assignment and Management System (CCAMS) or by the local ATS supporting systems. In the European Union, Regulation (EU) 1206/2011 lays down requirements on aircraft identification for surveillance for the Single European Sky and provides specific performance requirements as regards individual aircraft identification using downlinked aircraft identification.

### ***Airspace management and optimization of traffic flows***

3.2 The EANPG, through regional air navigation agreement, is responsible for the optimization of the traffic flows through the continuous improvement of the regional ATS route network and organized track systems as well as the implementation of random routing areas, user preferred flight trajectories (e.g. user preferred routes (UPR), continuous climb operations (CCO), continuous descent operations (CDO)) and free route airspace in the Region through the set-up of appropriate mechanisms for regional and inter-regional planning and coordination.

3.3 For the ECAC area (44 States), the design, development, planning and implementation of improved European ATS route network, free route airspace, optimised civil and military airspace structures, ATC sectors and airspace utilisation/availability is performed, on behalf of ICAO, by the EUROCONTROL Route Network Development Sub-Group (RNDSG). The purpose of these arrangements is also to serve the execution of the SES European Route Network Design Network Management Function. For the non-ECAC area (12 States), the ATS route planning and the implementation of airspace optimisation initiatives is done by the EANPG Route Development Group East (RDGE). The results of this work are reflected in specific airspace projects catalogues and are published in the European Route Network Improvement Plan (ERNIP) database available at [https://extranet.eurocontrol.int/ernip\\_database/Index.action](https://extranet.eurocontrol.int/ernip_database/Index.action).

3.4 Continuous coordination of ATS route network and airspace structure activities takes place between the ECAC and RDGE member States through the framework of the RNDSG and RDGE meetings in order to ensure regional interconnectivity and interoperability of the route network within the ICAO EUR Region and with adjacent ICAO Regions.

3.5 Changes to the airspace structures over the high seas and airspace of undetermined sovereignty should be agreed upon through regional air navigation agreement (EANPG High Seas Coordination Procedure).

### ***Allocation and Assignment of Secondary Surveillance Radar (SSR) Codes in the EUR Region***

3.6 The European Secondary Surveillance Radar Code Management Plan (EUR Doc 023) has been produced on behalf of the EANPG. The purpose of this document is to detail the requirements to be met by the States of the ICAO EUR Region to comply with the provisions of the EUR ANP as they pertain to the management of Secondary Surveillance Radar (SSR) codes in the ICAO EUR Region.

3.7 Certain codes are reserved for special purposes on a world-wide scale. The remaining codes series for use in the Region are divided into two distinct categories: Transit codes (T) for international use and Domestic codes (D) for national use.

3.8 The EUR Code Allocation List (CAL) reflects the assignment of SSR codes to the EUR States and takes into account the number of aircraft to be handled simultaneously within a specified area and for a determined period of protection during traffic peaks.

3.9 The EUR CAL, available on the ICAO EUR/NAT Office website, under eDocuments ([www.icao.int/EURNAT/EURandNATDocuments/EURDocuments/023](http://www.icao.int/EURNAT/EURandNATDocuments/EURDocuments/023)), is managed and maintained up-to-date by the SSR Codes Secretariat on behalf of the ICAO EUR/NAT Regional Office.

3.10 States should inform the ICAO EUR/NAT Regional Office promptly of any deviation from the Plan or proposed changes considered necessary with respect to their code allocations, relevant to ATS infrastructure developments and/or the guidance material provided in the European Secondary Surveillance Radar Code Management Plan (EUR Doc 023).

### ***Special purpose SSR codes***

3.11 The series of codes listed below are reserved for special purposes:

- Series 00 Code 0000 is available as a general purpose code for local use by any State.
- Series 10 Code 1000 is reserved for use as a conspicuity code for Mode S.

- Series 20 Code 2000 shall be used by flight crews in the absence of any Air Traffic Control (ATC) instructions or regional agreements unless the conditions for the use of codes: 7000, 7500, 7600 and 7700 apply.
- Series 70 Code 7000 shall be used by flight crews not receiving ATS service in order to improve detection of suitably equipped aircraft in areas specified by States, unless otherwise instructed by ATS.
- Series 75 Code 7500 is reserved for use in the event of unlawful interference.
- Series 76 Code 7600 is reserved for use in the event of radio communications failure.
- Series 77 Code 7700 is reserved for use in the event of emergencies and interception. Code 7776 and Code 7777 are reserved for SSR ground transponder monitoring and testing.

### ***Civil Military Coordination and Flexible Use of Airspace***

3.12 States should implement civil/military cooperation and coordination mechanisms in accordance with ICAO Circular 330. States should also enhance the application of the Flexible Use of Airspace concept, which will increase airspace capacity and improve the efficiency and flexibility of aircraft operations. States should arrange for close liaison and coordination between civil ATS units and relevant military operational control and/or air defense units in order to ensure integration of civil and military air traffic or its segregation, if required. In the ICAO EUR Region, there are specific arrangements (e.g. based on *EUROCONTROL ERNIP Part 3 ASM Handbook*, etc.) that enable the implementation of the FUA concept. *ICAO EUR Doc 032* has been developed as interim guidance material for the implementation of the FUA concept over the high seas and will be considered in the global revision process of ICAO provisions.

### ***Air Traffic Flow Management (ATFM)***

3.13 The EUROCONTROL Network Manager Operations Centre (NMOC) carries out the operational functions for airspace data management, flight plan processing (via IFPS) and for Air Traffic Flow and Capacity Management within the airspace of EUROCONTROL Member States (41 States) plus other interested stakeholders. In the European Union, the purpose of these arrangements also support the the execution of the Single European Sky Network Management Function related to ATFM, as defined in Regulation (EU) No 677/2011, which lays down detailed rules for the implementation of air traffic management (ATM) network functions. Regulation (EU) No 255/2010 also lays down requirements for air traffic flow management (ATFM) in order to optimise the available capacity of the European air traffic management network (EATMN) and enhance ATFM processes. For the Russian Federation airspace, the Main Air Traffic Management Center plans and coordinates airspace utilization, manages air traffic as well as the approval and advisory processes of airspace utilization within the Russian Federation. Several other States in the EUR Region have published their ATFM provision in their national Aeronautical Information Publication (AIP).

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**TABLE ATM II-EUR-1 EUR REGION ATS ROUTE NETWORK**

*Note:* (European Route Network Improvement Plan (ERNIP) database refers)

Available at [https://extranet.eurocontrol.int/ernip\\_database/Index.action](https://extranet.eurocontrol.int/ernip_database/Index.action)

**TABLE ATM II-EUR-2 – EUR SSR CODE ALLOCATION LIST**

*Note: ( EUR DOC 023 refers)*

Available at: European Secondary Surveillance Radar Code Management Plan (EUR Doc 023)

## EUR ANP, VOLUME II

## PART V – METEOROLOGY (MET)

## 1. INTRODUCTION

1.1 This part of the EUR ANP, Volume II, complements the provisions in the ICAO SARPs and PANS related to aeronautical meteorology (MET). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of MET facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to the MET facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the States concerned to implement the requirements specified.

## 2. GENERAL REGIONAL REQUIREMENTS

*Meteorological offices*

2.1 In the EUR Region, meteorological watch offices (MWO) have been designated to maintain continuous watch on meteorological conditions affecting flight operations within their area(s) of responsibility, as indicated at **Table MET II-1**.

*Meteorological observations and reports*

2.2 In the EUR Region, routine observations, issued as a METAR, should be made throughout the 24 hours of each day at intervals of one hour or, for RS and AS designated aerodromes<sup>1</sup>, at intervals of one half-hour at aerodromes as indicated in **Table MET II-2**.

2.3 At aerodromes that are not operational throughout 24 hours, METAR should be issued at least 3 hours prior to the aerodrome resuming operations in the EUR Region or as agreed between the meteorological authority and the operators concerned, to meet pre-flight and in-flight planning requirements for flights due to arrive at the aerodrome as soon as it is opened for use.

*Forecasts*

2.4 In the EUR Region, an aerodrome forecast, issued as a TAF, should be for the aerodromes indicated in **Table MET II-2**.

2.5 In the EUR Region, the period of validity of a routine TAF should be of 9-, 24-, or 30-hours to meet the requirements indicated in **Table MET II-2**.

2.6 In the EUR Region, the forecast maximum and minimum temperatures expected to occur during the period of validity, together with their corresponding day and time of occurrence, should be included in TAF at aerodromes indicated in **Table MET II-2**.

2.7 In the EUR Region, landing forecasts (prepared in the form of a trend forecast) should be provided at aerodromes indicated in **Table MET II-2**.

*Requirements for and use of communications*

2.8 Operational meteorological information prepared as METAR, SPECI and TAF for aerodromes indicated in **Table MET II-2**, and SIGMET and AIRMET messages prepared for flight information regions or control areas indicated in **Table MET II-1**, should be disseminated to the responsible Regional OPMET Centres (ROC) designated for the EUR Region (namely London, Moscow, Toulouse and Vienna Regional OPMET Centres). The ROCs will take care of the further dissemination to the centre

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<sup>1</sup> Refer to Table AOP II-1

designated for the operation of the aeronautical fixed service Secure Aviation Data Information Service (SADIS) in the EUR Region. The data will be forwarded to other international databanks and to the WIFS Provider State in accordance with regional OPMET data exchange schemes.

2.9 SIGMET messages should be disseminated to other meteorological offices in the EUR Region in accordance with the regional OPMET bulletin exchange scheme.

2.10 Special air-reports that do not warrant the issuance of a SIGMET should be disseminated to other meteorological offices in the EUR Region in accordance with the regional OPMET bulletin exchange scheme.

2.11 In the EUR Region, meteorological information for use by aircraft in flight should be supplied through VOLMET broadcasts.

2.12 In the EUR Region, the aerodromes for which METAR and SPECI are to be included in VOLMET broadcasts, the sequence in which they are to be transmitted and the broadcast time, are indicated in **Table MET II-3**.

### 3. SPECIFIC REGIONAL REQUIREMENTS

#### *Meteorological observations and reports*

3.1 In the EUR Region, aeronautical meteorological stations have been established on offshore structures or at other points of significance in support of helicopter operations to offshore structures, as indicated at **Table MET II-EUR-1** (Former MET 1C Offshore structures).

3.2 In the EUR Region, information on the sea-surface temperature and the state of the sea or the significant wave height from aeronautical meteorological stations established on offshore structures in support of helicopter operations should be included as supplementary information in METAR and SPECI as indicated in **Table MET II-EUR-1** (former MET 1C Offshore structures).

3.3 In accordance to Amendment 80 to Annex 3 (applicable 4 November 2021), the state of the runway should not be included as supplementary information in METAR and SPECI due to the implementation of the new Global Reporting Format (GRF). This column will remain in **Table MET II-2** (Former MET 1A Aerodrome meteorological offices) until the implementation of GRF has been completed in the ICAO EUR Region.

3.4 In the EUR Region, GAMET area forecasts and/or area forecasts for low-level flights in chart form prepared in support of the issuance of AIRMET information, and AIRMET information for low-level flights relevant to the whole route, should be supplied to operators and flight crew members and kept up to date. Section II of the GAMET area forecast should include information, in addition to the provisions in Annex 3, as contained at Appendix MET LLF to Part V (MET).

#### *AIRMET information*

3.5 In the EUR Region, AIRMET information should be issued by a MWO for its areas of responsibility as indicated in **Table MET II-1** (Former MET 1B Meteorological watch offices).

#### *OPMET information*

3.6 In the EUR Region, the details of the exchange scheme to be used for the OPMET information are given in the EUR Region – EUR OPMET Data Management Handbook (EUR Doc 018).

#### *Service for operators and flight crew members*

3.7 In the EUR Region, meteorological information for pre-flight planning by operators of helicopters flying to offshore structures as indicated in **Table MET II-EUR-1** (Former MET 1C Offshore structures) should include data covering the layers from sea level to FL 100. Particular mention should be made of the expected surface visibility, the amount, type (where available), base and tops of cloud below FL 100, the sea state and sea-surface temperature, the mean sea-level pressure and the occurrence or expected occurrence of turbulence and icing.

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TABLE MET II-1 - METEOROLOGICAL WATCH OFFICES

## EXPLANATION OF THE TABLE

## Column

- 1 Name of the State where meteorological service is required
- 2 Name of the flight information region (FIR) or control area (CTA) where meteorological service is required  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 3 ICAO location indicator of the FIR or CTA
- 4 Name of the meteorological watch office (MWO) responsible for the provision of meteorological service for the FIR or CTA  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 5 ICAO location indicator of the responsible MWO
- 6 Requirement for SIGMET information (excluding for volcanic ash and for tropical cyclones) to be provided by the MWO for the FIR or CTA concerned, where:  
Y – Yes, required  
N – No, not required
- 7 Requirement for SIGMET information for volcanic ash to be provided by the MWO for the FIR or CTA concerned, where:  
Y – Yes, required  
N – No, not required
- 8 Requirement for SIGMET information for tropical cyclone to be provided by the MWO for the FIR or CTA concerned, where:  
Y – Yes, required  
N – No, not required
- 9 Requirement for AIRMET information to be provided by the MWO for the FIR or CTA concerned, where:  
Y – Yes, required  
N – No, not required

| State      | FIR or CTA where meteorological service is required |                         | Responsible meteorological watch office   |                         |             | Meteorological service to be provided |             |             |
|------------|-----------------------------------------------------|-------------------------|-------------------------------------------|-------------------------|-------------|---------------------------------------|-------------|-------------|
|            | Name                                                | ICAO Location Indicator | Name                                      | ICAO Location Indicator | SIGMET (WS) | SIGMET (WV)                           | SIGMET (WC) | AIRMET (WA) |
| 1          | 2                                                   | 3                       | 4                                         | 5                       | 6           | 7                                     | 8           | 9           |
| Albania    | TIRANA<br>FIR/FIC/ACC/SAR/NOF/AFTN<br>AA COM CENTRE | LAAA                    | TIRANA                                    | LATI                    | Y           | Y                                     | N           | N           |
| Algeria    | ALGER (ACC)                                         | DAAA                    | ALGER/CRT                                 | DAM<br>M                | Y           | Y                                     | N           | N           |
| Armenia    | YEREVAN FIR                                         | UDDD                    | YEREVAN / Zvartnots                       | UDY<br>Z                | Y           | Y                                     | N           | Y           |
| Austria    | FIR WIEN                                            | LOVV                    | WIEN-SCHWECHAT                            | LOW<br>W                | Y           | Y                                     | N           | N           |
| Azerbaijan | BAKU FIR                                            | UBBA                    | HEYDAR ALIYEV<br>INTERNATIONAL<br>AIRPORT | UBB<br>B                | Y           | Y                                     | N           | N           |

| State                         | FIR or CTA where meteorological service is required    |                         | Responsible meteorological watch office |                         |             | Meteorological service to be provided |             |             |
|-------------------------------|--------------------------------------------------------|-------------------------|-----------------------------------------|-------------------------|-------------|---------------------------------------|-------------|-------------|
|                               | Name                                                   | ICAO Location Indicator | Name                                    | ICAO Location Indicator | SIGMET (WS) | SIGMET (WV)                           | SIGMET (WC) | AIRMET (WA) |
| 1                             | 2                                                      | 3                       | 4                                       | 5                       | 6           | 7                                     | 8           | 9           |
| <b>Belarus</b>                | MINSK FIR                                              | UMMV                    | MINSK-2                                 | UMMS                    | Y           | Y                                     | N           | N           |
| <b>Belgium</b>                | BRUSSELS (ACC-FIC)                                     | EBBU                    | BRUSSELS/BRUSSELS<br>-NATIONAL          | EBBR                    | Y           | Y                                     | N           | Y           |
|                               | MAASTRICHT UAC                                         | EDYY                    |                                         |                         | Y           | Y                                     | N           | N           |
| <b>Bosnia and Herzegovina</b> | SARAJEVO FIR                                           | LQSB                    | BANJA LUKA                              | LQBK                    | Y           | Y                                     | N           | Y           |
| <b>Bulgaria</b>               | SOFIA FIR                                              | LBSR                    | SOFIA                                   | LBSF                    | Y           | Y                                     | N           | Y           |
| <b>Croatia</b>                | ZAGREB ACC/FIR                                         | LDZO                    | ZAGREB/PLESO                            | LDZA                    | Y           | Y                                     | N           | Y           |
| <b>Cyprus</b>                 | NICOSIA (ACC/FIC)                                      | LCCC                    | LARNAKA/INTL                            | LCLK                    | Y           | Y                                     | N           | N           |
| <b>Czech Republic</b>         | FIR PRAHA                                              | LKAA                    | PRAHA/RUZYNE                            | LKPW                    | Y           | Y                                     | N           | N           |
| <b>Denmark</b>                | KOBENHAVN FIR (ACC)                                    | EKDK                    | DANISH<br>METEOROLOGICAL<br>INSTITUTE   | EKMI                    | Y           | Y                                     | N           | N           |
|                               | AARHUS (JRCC)                                          | EKMC                    | KARUP MIL MET<br>CENTRE                 | EKMK                    | N           | N                                     | N           | N           |
| <b>Estonia</b>                | TALLINN ACC,RCC,FIR                                    | EETT                    | ESTONIAN<br>ENVIRONMENT<br>AGENCY       | EEMH                    | Y           | Y                                     | N           | N           |
| <b>Finland</b>                | HELSINKI FIR/UIR                                       | EFIN                    | FINNISH<br>METEOROLOGICAL<br>INSTITUTE  | EFKL                    | Y           | Y                                     | N           | N           |
| <b>France</b>                 | BORDEAUX<br>FIC/ACC/UAC/CCER                           | LFBB                    | TOULOUSE (CENTRE<br>METEO)              | LFPW                    | Y           | Y                                     | Y           | N           |
|                               | BREST<br>FIC/ACC/UAC/CCT/CCER                          | LFRR                    |                                         |                         | Y           | Y                                     | Y           | N           |
|                               | AIX-EN-PROVENCE<br>(MARSEILLE FIC/ACC/UAC<br>COM/CCER) | LFMM                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               | PARIS FIC/ACC/UAC/CCER                                 | LFFF                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               | REIMS FIC/ACC/UAC/CCER                                 | LFEE                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               |                                                        |                         |                                         |                         | Y           | Y                                     | N           | N           |
| <b>Georgia</b>                | TBILISI FIR                                            | UGGG                    | TBILISI/TBILISI                         | UGTB                    | Y           | Y                                     | N           | Y           |
| <b>Germany</b>                | LANGEN ACC/FIC                                         | EDGG                    | FRANKFURT/MAIN<br>MET REG CENTER        | EDZF                    | Y           | Y                                     | N           | N           |
|                               | KARLSRUHE UAC                                          | EDUU                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               | MUENSTER RCC (LAND)                                    | ETRA                    |                                         |                         | N           | N                                     | N           | N           |
|                               | BREMEN ACC/FIC                                         | EDWW                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               | GLUECKSBURG RCC (SEA)                                  | ETRB                    |                                         |                         | N           | N                                     | N           | N           |
|                               | HANNOVER UIR                                           | EDVV                    |                                         |                         | Y           | Y                                     | N           | N           |
|                               | MUENCHEN ACC/FIC                                       | EDMM                    |                                         |                         | Y           | Y                                     | N           | N           |
| <b>Greece</b>                 | ATHINAI<br>(ACC,FIC,COM,SAR,FIR/HEL<br>LAS,UIR)        | LGGG                    | ATHINAI (APP, MET)                      | LGAT                    | Y           | Y                                     | N           | N           |
| <b>Hungary</b>                | BUDAPEST FIR                                           | LHCC                    | HUNGARIAN<br>METEOROLOGICAL<br>SERVICE  | LHBM                    | Y           | Y                                     | N           | Y           |
| <b>Ireland</b>                | SHANNON<br>ACC/UAC/FIR/UIR                             | EISN                    | SHANNON                                 | EINN                    | Y           | Y                                     | Y           | N           |
| <b>Israel</b>                 | TEL-AVIV FIR/CTA/UTA                                   | LLLL                    | METEOROLOGICAL<br>SERVICE               | LLBD                    | Y           | Y                                     | N           | Y           |

| State               | FIR or CTA where meteorological service is required |                         | Responsible meteorological watch office                                             |                         |             | Meteorological service to be provided                     |             |             |
|---------------------|-----------------------------------------------------|-------------------------|-------------------------------------------------------------------------------------|-------------------------|-------------|-----------------------------------------------------------|-------------|-------------|
|                     | Name                                                | ICAO Location Indicator | Name                                                                                | ICAO Location Indicator | SIGMET (WS) | SIGMET (WV)                                               | SIGMET (WC) | AIRMET (WA) |
| 1                   | 2                                                   | 3                       | 4                                                                                   | 5                       | 6           | 7                                                         | 8           | 9           |
| Italy               | BRINDISI FIR                                        | LIBB                    | ROMA CENTRO MET                                                                     | LIIB                    | Y           | Y<br>When applicable within the lateral limits of the FIR | N           | Y           |
|                     | MILANO FIR                                          | LIMM                    | ROMA CENTRO MET                                                                     | LIIB                    | Y           | Y                                                         | N           | Y           |
|                     | ROMA FIR                                            | LIRR                    | ROMA CENTRO MET                                                                     | LIIB                    | Y           | Y<br>Within the lateral limit of the FIR                  | N           | Y           |
| Kazakhstan          | AKTOBE                                              | UATT                    | AKTOBE                                                                              | UATT                    | Y           | Y                                                         | N           | Y           |
|                     | ALMATY                                              | UAAA                    | ALMATY                                                                              | UAAA                    | Y           | Y                                                         | N           | Y           |
|                     | NURSULTAN NAZARBAYEV                                | UACC                    | NURSULTAN NAZARBAYEV                                                                | UACC                    | Y           | Y                                                         | N           | Y           |
|                     | SHYMKENT                                            | UAII                    | SHYMKENT                                                                            | UAII                    | Y           | Y                                                         | N           | Y           |
| Kyrgyzstan          | BISHKEK/MANAS                                       | UCFM                    | BISHKEK/MANAS                                                                       | UCFM                    | Y           | Y                                                         | N           | Y           |
|                     | OSH                                                 | UCFO                    | OSH                                                                                 | UCFO                    | Y           | Y                                                         | N           | Y           |
| Latvia              | RIGA (FIC/ACC/AFS COM.CENTER)                       | EVRR                    | RIGA                                                                                | EVRA                    | Y           | Y                                                         | N           | Y           |
| Lithuania           | VILNIUS (FIR)                                       | EYVL                    | VILNIUS/INTERNATIONAL                                                               | EYVI                    | Y           | Y                                                         | N           | Y           |
| Malta               | MALTA ACC/FIR/UIR                                   | LMMM                    | LUQA AIRPORT                                                                        | LMML                    | Y           | Y                                                         | N           | N           |
| Morocco             | CASABLANCA (ACC/FIC)                                | GMMM                    | CENTRE METEOROLOGIQUE CHARGE DE LA DIFFUSION DES SIGMET RELATIF A LA FIR/CASABLANCA | GMM C                   | Y           | Y                                                         | Y           | N           |
| Netherlands         | AMSTERDAM ACC/FIC                                   | EHAA                    | DE BILT                                                                             | EHDB                    | Y           | Y                                                         | N           | Y           |
| North Macedonia     | SKOPJE FIR                                          | LWSS                    | SKOPJE                                                                              | LWSK                    | Y           | Y                                                         | N           | N           |
| Norway              | POLARIS FIR                                         | ENOR                    | METEOROLOGICAL INSTITUTE                                                            | ENMI                    | Y           | Y                                                         | N           | Y           |
| Poland              | WARSZAWA                                            | EPWW                    | CHOPINA W WARSZAWIE                                                                 | EPWA                    | Y           | Y                                                         | N           | Y           |
| Portugal            | LISBOA ACC/FIC                                      | LPPT                    | LISBOA                                                                              | LPPT                    | Y           | Y                                                         | Y           | Y           |
| Republic of Moldova | CHISINAU FIR                                        | LUUU                    | CHISINAU/INTERNATIONAL                                                              | LUKK                    | Y           | Y                                                         | N           | N           |
| Romania             | BUCURESTI                                           | LRBB                    | BUCURESTI/NATION                                                                    | LROM                    | Y           | Y                                                         | N           | N           |

| State                     | FIR or CTA where meteorological service is required |                         | Responsible meteorological watch office                   |                         |             | Meteorological service to be provided |             |             |
|---------------------------|-----------------------------------------------------|-------------------------|-----------------------------------------------------------|-------------------------|-------------|---------------------------------------|-------------|-------------|
|                           | Name                                                | ICAO Location Indicator | Name                                                      | ICAO Location Indicator | SIGMET (WS) | SIGMET (WV)                           | SIGMET (WC) | AIRMET (WA) |
| 1                         | 2                                                   | 3                       | 4                                                         | 5                       | 6           | 7                                     | 8           | 9           |
|                           | (FIC/ACC/AIS/CAA/COM CENTRE)                        |                         | AL CENTRE OF AERONAUTICAL METEOROLOGY                     |                         |             |                                       |             |             |
| <b>Russian Federation</b> | IRKUTSK                                             | UIII                    | IRKUTSK                                                   | UIII                    | Y           | Y                                     | N           | N           |
|                           | KALININGRAD/KHRABROVO                               | UMKK                    | KALININGRAD/KHRABROVO                                     | UMKK                    | Y           | Y                                     | N           | N           |
|                           | KHABAROVSK/NOVY                                     | UHHH                    | KHABAROVSK/NOVY                                           | UHHH                    | Y           | Y                                     | Y           | N           |
|                           | KRASNOYARSK                                         | UNKL                    | KRASNOYARSK                                               | UNKL                    | Y           | Y                                     | N           | N           |
|                           | MAGADAN/SOKOL                                       | UHMM                    | PETROPAVLOVSK-KAMCHATSKY/YELIZOVO                         | UHPP                    | Y           | Y                                     | Y           | N           |
|                           | MOSCOW FIR/ATFMU                                    | UUWV                    | MOSCOW FIR/ATFMU                                          | UUWV                    | Y           | Y                                     | N           | N           |
|                           | NOVOSIBIRSK/TOLMACHEVO                              | UNNT                    | NOVOSIBIRSK/TOLMACHEVO                                    | UNNT                    | Y           | Y                                     | N           | N           |
|                           | TYUMEN FIR                                          | USTV                    | TYUMEN/ROSHCHINO                                          | USTR                    | Y           | Y                                     | N           | N           |
|                           | ROSTOV-NA-DONU FIR (ATFMU)                          | URRV                    | ROSTOV-NA-DONU                                            | URRR                    | Y           | Y                                     | N           | N           |
|                           | SAMARA/KURUMOCH                                     | UWWW                    | SAMARA/KURUMOC H                                          | UWWW                    | Y           | Y                                     | N           | N           |
|                           | SANKT-PETERBURG, AFTN/CIDIN COM CENTRE, FIR (AFTMU) | ULLL                    | SANKT-PETERBURG/PULKOVO                                   | ULLI                    | Y           | Y                                     | N           | N           |
|                           | YAKUTSK                                             | UEEE                    | YAKUTSK                                                   | UEEE                    | Y           | Y                                     | N           | N           |
|                           | YEKATERINBURG FIR                                   | USSV                    | YEKATERINBURG/KO LTSOVO                                   | USSS                    | Y           | Y                                     | N           | N           |
| <b>Serbia</b>             | BEOGRAD (ACC)                                       | LYBA                    | BEOGRAD/NIKOLA TESLA                                      | LYBE                    | Y           | Y                                     | N           | Y           |
| <b>Slovakia</b>           | BRATISLAVA/FIR                                      | LZBB                    | BRATISLAVA/M.R.ST EFANIK                                  | LZIB                    | Y           | Y                                     | N           | Y           |
| <b>Slovenia</b>           | LJUBLJANA FIR                                       | LJLA                    | LJUBLJANA/BRNIK                                           | LJLJ                    | Y           | Y                                     | N           | Y           |
| <b>Spain</b>              | CANARIAS ACC/FIR/UIR Data Authority                 | GCCC                    | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO)           | GCGC                    | Y           | Y                                     | Y           | Y           |
|                           | MADRID ACC/FIR/UIR Data Authority                   | LECM                    | VALENCIA (OFICINA METEOROLOGICA AERONAUTICA DE AERODROMO) | LEVA                    | Y           | Y                                     | Y           | Y           |
|                           | BARCELONA ACC/FIR/UIR Data Authority                | LECB                    |                                                           |                         | Y           | Y                                     | N           | Y           |
| <b>Sweden</b>             | SWEDEN FIR/UIR                                      | ESAA                    | STOCKHOLM/ARLANDA                                         | ESSA                    | Y           | Y                                     | N           | N           |
| <b>Switzerland</b>        | SWITZERLAND (FIR/UIR)                               | LSAS                    | METEOSUISSE                                               | LSSW                    | Y           | Y                                     |             | N           |
| <b>Tajikistan</b>         | DUSHANBE                                            | UTDD                    | DUSHANBE                                                  | UTDD                    | Y           | Y                                     | N           | N           |
| <b>Tunisia</b>            | TUNIS (ACC/FIC,RPL,FMP,AFS,NOF ...)                 | DTTC                    | TUNIS/CARTHAGE                                            | DTTA                    | Y           | Y                                     | N           | Y           |
| <b>Turkiye</b>            | ANKARA/SEHIR-CITY FIR, ACC, FIC                     | LTAA                    | ANKARA/ESENBAGA                                           | LTAC                    | Y           | Y                                     | N           | Y           |
|                           | ISTANBUL/SEHIR-                                     | LTBB                    | ISTANBUL/ISTANBUL                                         | LTFM                    | Y           | Y                                     | N           | Y           |

| State                 | FIR or CTA where meteorological service is required |                         | Responsible meteorological watch office |                         |             | Meteorological service to be provided |             |             |
|-----------------------|-----------------------------------------------------|-------------------------|-----------------------------------------|-------------------------|-------------|---------------------------------------|-------------|-------------|
|                       | Name                                                | ICAO Location Indicator | Name                                    | ICAO Location Indicator | SIGMET (WS) | SIGMET (WV)                           | SIGMET (WC) | AIRMET (WA) |
| 1                     | 2                                                   | 3                       | 4                                       | 5                       | 6           | 7                                     | 8           | 9           |
|                       | CITY,FIR,ACC,FIC,ATFMU                              |                         | HAVALIMANI                              |                         |             |                                       |             |             |
| <b>Turkmenistan</b>   | ASHGABAT                                            | UTAA                    | ASHGABAT                                | UTAA                    | Y           | Y                                     | N           | N           |
|                       | DASHOGUZ                                            | UTAT                    | DASHOGUZ                                | UTAT                    | Y           | Y                                     | N           | N           |
|                       | TURKMENBASHI                                        | UTAK                    | TURKMENBASHI                            | UTAK                    | Y           | Y                                     | N           | N           |
|                       | TURKMENABAT                                         | UTAV                    | TURKMENABAT                             | UTAV                    | Y           | Y                                     | N           | N           |
| <b>Ukraine</b>        | DNIPRO ACC                                          | UKDV                    | DNIPRO MWO                              | UKDW                    | Y           | Y                                     | N           | Y           |
|                       | SIMFEROPOL' ACC                                     | UKFV                    |                                         |                         | N           | N                                     | N           | Y           |
|                       | KYIV ACC                                            | UKBV                    | KYIV MWO                                | UKBW                    | Y           | Y                                     | N           | Y           |
|                       | L'VIV ACC                                           | UKLV                    | L'VIV MWO                               | UKLW                    | Y           | Y                                     | N           | Y           |
|                       | ODESA ACC                                           | UKOV                    | ODESA MWO                               | UKOW                    | Y           | Y                                     | N           | Y           |
|                       | SIMFEROPOL' ACC                                     | UKFV                    |                                         |                         | Y           | Y                                     | N           | Y           |
| <b>United Kingdom</b> | LONDON ACC (CIVIL)                                  | EGTT                    | MET OFFICE EXETER                       | EGRR                    | Y           | Y                                     | Y           | N           |
|                       | SCOTTISH ACC (CIVIL)                                | EGPX                    |                                         |                         | Y           | Y                                     | Y           | N           |
|                       | SHANWICK OACC                                       | EGGX                    |                                         |                         | Y           | Y                                     | Y           | N           |
| <b>Uzbekistan</b>     | SAMARKAND FIR                                       | UTSD                    | SAMARKAND                               | UTSS                    | Y           | Y                                     | N           | N           |
|                       | NUKUS FIR                                           | UTNR                    | NUKUS                                   | UTNN                    | Y           | Y                                     | N           | N           |
|                       | TASHKENT FIR                                        | UTTR                    | TASHKENT-UZHNY                          | UTTT                    | Y           | Y                                     | N           | N           |

Notes:

**Denmark:** EKMC is served by EKM-KARUP MIL MET CENTRE

**Norway:** AIRMET issued only for MOD ICE for ENOR by ENNV, ENMI and ENVN

**Portugal:** AIRMET issued only for mainland area of Lisboa FIR.

**Spain:** AIRMET is only issued for the Islands area of the Canarias FIR from GCGC for GCCC; AIRMET is issued for the areas 1 and 2 of the Madrid FIR from LEVA for LECM; AIRMET is issued for the areas 1 and 2 of the Madrid FIR from LEVA for LECB

**Ukraine:** MWO UKDV and MWO UKOV shares the responsibility of issuing AIRMET messages for areas 1 and 2 of UKFV FIR respectively

**TABLE MET II-2 - AERODROME METEOROLOGICAL OFFICES****EXPLANATION OF THE TABLE****Column**

- 1 Name of the State where meteorological service is required
- 2 Name of the AOP aerodrome where meteorological service is required  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 3 ICAO location indicator of the AOP aerodrome
- 4 Designation of AOP aerodrome:  
RS - international scheduled air transport, regular use  
RNS - international non-scheduled air transport, regular use  
AS - international scheduled air transport, alternate use  
ANS - international non-scheduled air transport, alternate use
- 5 Name of the aerodrome meteorological office responsible for the provision of meteorological service  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 6 ICAO location indicator of the responsible aerodrome meteorological office
- 7 Requirement for METAR/SPECI from the aerodrome concerned, where:  
Y – Yes, required  
N – No, not required
- 8 Requirement for information on the state of the runway provided by the appropriate airport authority to be included as supplementary information in METAR/SPECI from the aerodrome concerned, where:  
Y – Yes, required  
N – No, not required
- 9 Requirement for trend forecast to be appended to METAR/SPECI from the aerodrome concerned, where:  
Y – Yes, required  
N – No, not required
- 10 Requirement for TAF from the aerodrome concerned, where  
C - Requirement for 9-hour validity aerodrome forecasts in TAF code (9H)  
T - Requirement for 24-hour validity aerodrome forecasts in TAF code (24H)  
X - Requirement for 30-hour validity aerodrome forecasts in TAF code (30H)  
N – No, not required
- 11 Requirement for maximum and minimum temperature (expected to occur during the period of validity of the TAF) to be included in TAF from the aerodrome concerned, where:  
Y – Yes, required  
N – No, not required
- 12 Availability of METAR/SPECI and TAF from the aerodrome concerned, where:  
F – Full availability : OPMET information as listed issued for the aerodrome all through the 24-hour period  
P – Partial availability: OPMET information as listed not issued for the aerodrome for the entire 24-hour period  
N – No, not available
- 13 Remarks

| STATE   | AOP aerodrome where meteorological service is to be provided |                         |     | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment |
|---------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|         | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
| Albania |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|         | TIRANA                                                       | LATI                    | RS  | TIRANA                                      | LATI                    | Y                                         | N                   |                | T   |                   | F                                |         |
|         | KUKES AERODROME                                              | LAKU                    | RS  | KUKES AERODROME                             | LAKU                    | Y                                         | N                   |                | T   |                   | P                                |         |
| Algeria |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|         | ADRAR / Touat-Cheikh Sidi Mohamed Belkebir                   | DAUA                    | RS  | ADRAR / Touat-Cheikh Sidi Mohamed Belkebir  | DAUA                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | ALGER / Houari Boumediene                                    | DAAG                    | RS  | ALGER / Houari Boumediene                   | DAAG                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | ANNABA / Rabah Bitat                                         | DABB                    | RS  | ANNABA / Rabah Bitat                        | DABB                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | BATNA / Mostapha Ben Boulaid                                 | DABT                    | RS  | BATNA / Mostapha Ben Boulaid                | DABT                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | BEJAIA / Soummam-Abane Ramdane                               | DAAE                    | RS  | BEJAIA / Soummam-Abane Ramdane              | DAAE                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | BISKRA / Mohamed Khider                                      | DAUB                    | RS  | BISKRA / Mohamed Khider                     | DAUB                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | CHLEF                                                        | DAOI                    | RS  | CHLEF                                       | DAOI                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | CONSTANTINE / Mohamed Boudiaf                                | DABC                    | RS  | CONSTANTINE / Mohamed Boudiaf               | DABC                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | DJANET / Tiska                                               | DAAJ                    | RS  | DJANET / Tiska                              | DAAJ                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | GHARDAIA / Noumerat-Moufdi Zakaria                           | DAUG                    | RS  | GHARDAIA / Noumerat-Moufdi Zakaria          | DAUG                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | HASSI MESSAOUD / Oued Irara-Krim Belkacem                    | DAUH                    | RS  | HASSI MESSAOUD / Oued Irara-Krim Belkacem   | DAUH                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | JIJEL / Ferhat Abbas                                         | DAAV                    | RS  | JIJEL / Ferhat Abbas                        | DAAV                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | ORAN / Ahmed Benbella                                        | DAOO                    | RS  | ORAN / Ahmed Benbella                       | DAOO                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | SETIF / 8 Mai 45                                             | DAAS                    | RS  | SETIF / 8 Mai 45                            | DAAS                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | TAMANRASSET / Aguenar-Hadj Akhamok                           | DAAT                    | RS  | TAMANRASSET / Aguenar-Hadj Akhamok          | DAAT                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | TEBESSA / Cheikh Larbi Tebessi                               | DABS                    | RS  | TEBESSA / Cheikh Larbi Tebessi              | DABS                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | TIARET / Abdelhafid Boussouf Bou Chekif                      | DAOB                    | RS  | TIARET / Abdelhafid Boussouf Bou Chekif     | DAOB                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | TLEMCEN / Zenata Messali El Hadj                             | DAON                    | RS  | TLEMCEN / Zenata Messali El Hadj            | DAON                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | ZARZAITINE / In Amenas                                       | DAUZ                    | RS  | ZARZAITINE / In Amenas                      | DAUZ                    | Y                                         | N                   | N              | T   |                   | F                                |         |
| Armenia |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|         | GYUMRI / Shirak                                              | UDSG                    | RS  | GYUMRI / Shirak                             | UDSG                    | Y                                         | N                   | Y              | T   |                   | F                                |         |

| STATE             | AOP aerodrome where meteorological service is to be provided |                         |        | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment                                                                           |
|-------------------|--------------------------------------------------------------|-------------------------|--------|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-----------------------------------------------------------------------------------|
|                   | Name                                                         | ICAO Location Indicator | Use    | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                                   |
|                   | 2                                                            | 3                       | 4      | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                                |
| 1                 | YEREVAN / Erebuni                                            | UDYE                    | ANS    |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                   |
|                   | YEREVAN / Zvartnots                                          | UDYZ                    | RS     | YEREVAN / Zvartnots                         | UDYZ                    | Y                                         | N                   | Y              | T   |                   | F                                |                                                                                   |
| <b>Austria</b>    |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                   |
|                   | GRAZ                                                         | LOWG                    | RS     | GRAZ                                        | LOWG                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | INNSBRUCK                                                    | LOWI                    | RS     | INNSBRUCK                                   | LOWI                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | KLAGENFURT                                                   | LOWK                    | RS     | KLAGENFURT                                  | LOWK                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | LINZ                                                         | LOWL                    | RS     | LINZ                                        | LOWL                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | SALZBURG                                                     | LOWS                    | RS     | SALZBURG                                    | LOWS                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | VOSLAU                                                       | LOAV                    | RNS    | WIEN-SCHWECHAT                              | LOWW                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                                   |
|                   | WIEN-SCHWECHAT                                               | LOWW                    | RS     | WIEN-SCHWECHAT                              | LOWW                    | Y                                         | N                   | Y              | X   | Y                 | F                                |                                                                                   |
|                   | WR.NEUSTADT/OST                                              | LOAN                    | RNS    | WIEN-SCHWECHAT                              | LOWW                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                                   |
| <b>Azerbaijan</b> |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                   |
|                   | GANJA                                                        | UBBG                    | RS     | GANJA                                       | UBBG                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | BAKU / Heydar Aliyev International Airport                   | UBBB                    | RS     | BAKU / Heydar Aliyev International Airport  | UBBB                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                   |
|                   | NAKHCHIVAN                                                   | UBBN                    | RS     | NAKHCHIVAN                                  | UBBN                    | Y                                         | N                   | Y              | C   | Y                 | F                                |                                                                                   |
| <b>Belarus</b>    |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                   |
|                   | BREST                                                        | UMBB                    | RNS    | BREST                                       | UMBB                    | Y                                         | N                   | Y              | C   |                   | P                                |                                                                                   |
|                   | HOMIEL                                                       | UMGG                    | RNS,AS | HOMIEL                                      | UMGG                    | Y                                         | N                   | Y              | T   |                   | F                                |                                                                                   |
|                   | HRODNA                                                       | UMMG                    | RNS    | HRODNA                                      | UMMG                    | Y                                         | N                   | Y              | C   |                   | P                                |                                                                                   |
|                   | MAHILIOU                                                     | UMOO                    | RNS    | MAHILIOU                                    | UMOO                    | Y                                         | N                   | Y              | C   |                   | P                                |                                                                                   |
|                   | MINSK-1                                                      | UMMM                    | RNS    | MINSK-1                                     | UMMM                    | Y                                         | N                   | Y              | C   |                   | P                                |                                                                                   |
|                   | MINSK-2                                                      | UMMS                    | RS     | MINSK-2                                     | UMMS                    | Y                                         | N                   | Y              | T   |                   | F                                |                                                                                   |
|                   | VICIEBSK                                                     | UMII                    | RNS    | VICIEBSK                                    | UMII                    | Y                                         | N                   | Y              | C   |                   | P                                |                                                                                   |
| <b>Belgium</b>    |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                   |
|                   | ANTWERPEN / Deurne                                           | EBAW                    | RS     | ANTWERPEN / Deurne                          | EBAW                    | Y                                         | N                   | Y              | C   | N                 | F                                | 1) AUTO-METAR without outside hours<br>2) TAF issued by EBBR aerodrome MET office |
|                   | BRUSSELS / Brussels-National                                 | EBBR                    | RS     | BRUSSELS / Brussels-National                | EBBR                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                                                                   |
|                   | CHARLEROI / Brussels South                                   | EBCI                    | RS     | CHARLEROI / Brussels South                  | EBCI                    | Y                                         | N                   | Y              | X   | N                 | F                                | TAF issued by EBBR aerodrome MET office                                           |

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|-------------------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|------------------------------------------------------------------------------------|
|                               | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                                    |
|                               | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                                 |
|                               | KORTRIJK / Wevelgem                                          | EBKT                    | RS  | BRUSSELS / Brussels-National                | EBBR                    | N                                         | N                   | N              | N   | N                 | N                                |                                                                                    |
|                               | LIEGE / Liege                                                | EBLG                    | RS  | LIEGE / Liege                               | EBLG                    | Y                                         | N                   | Y              | X   | N                 | F                                | TAF issued by EBBR aerodrome MET office                                            |
|                               | OOSTENDE-BRUGGE / Oostende                                   | EBOS                    | RS  | OOSTENDE-BRUGGE / Oostende                  | EBOS                    | Y                                         | N                   | Y              | X   | N                 | F                                | TAF issued by EBBR aerodrome MET office                                            |
| <b>Bosnia and Herzegovina</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                    |
|                               | BANJA LUKA                                                   | LQBK                    | RS  | BANJA LUKA                                  | LQBK                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                    |
|                               | MOSTAR                                                       | LQMO                    | RS  | MOSTAR                                      | LQMO                    | Y                                         | N                   | N              | T   | Y                 | F                                | TAF issued by LQBK                                                                 |
|                               | SARAJEVO                                                     | LQSA                    | RS  | SARAJEVO                                    | LQSA                    | Y                                         | N                   | Y              | T   | Y                 | F                                | TREND not 24h; TAF partly issued by LQBK                                           |
|                               | TUZLA                                                        | LQTZ                    | RS  | TUZLA                                       | LQTZ                    | Y                                         | N                   | N              | T   | Y                 | P                                | TAF issued by LQBK                                                                 |
| <b>Bulgaria</b>               |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                    |
|                               | BURGAS                                                       | LBBG                    | RS  | SOFIA                                       | LBSF                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                    |
|                               | GORNA ORYAKHOVITSA                                           | LBGO                    | RNS | SOFIA                                       | LBSF                    | Y                                         | N                   | Y              | T   | N                 | P                                | TREND not 24-hours                                                                 |
|                               | PLOVDIV                                                      | LBPD                    | RS  | SOFIA                                       | LBSF                    | Y                                         | N                   | Y              | T   | N                 | F                                | TREND not 24-hours                                                                 |
|                               | SOFIA                                                        | LBSF                    | RS  | SOFIA                                       | LBSF                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                    |
|                               | VARNA                                                        | LBWN                    | RS  | SOFIA                                       | LBSR                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                    |
| <b>Croatia</b>                |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                    |
|                               | BRAC / Brac I.                                               | LDSB                    | RNS | SPLIT / Kastela                             | LDSP                    | Y                                         | N                   | N              | T   | Y                 | P                                | OPMET data issue for the aerodrome BRAC according to operational needs, see NOTAM. |
|                               | DUBROVNIK / Cilipi                                           | LDDU                    | RS  | DUBROVNIK / Cilipi                          | LDDU                    | Y                                         | N                   | Y              | T   | Y                 | F                                | TREND not 24-hours                                                                 |
|                               | LOSINJ / Losinj I.                                           | LDLO                    | RNS | PULA                                        | LDPL                    | Y                                         | N                   | N              | T   | Y                 | P                                | OPMET data issue for the aerodrome BRAC according to operational needs, see NOTAM. |
|                               | OSIJEK / Klisa                                               | LDOS                    | RNS | OSIJEK / Klisa                              | LDOS                    | Y                                         | N                   | N              | T   | Y                 | P                                |                                                                                    |
|                               | PULA                                                         | LDPL                    | RS  | PULA                                        | LDPL                    | Y                                         | N                   | Y              | T   | Y                 | F                                | TREND not 24-hours                                                                 |

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|-----------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|------------------------------------------------------------------------|
|                       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                        |
|                       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                |                                  |                                                                        |
|                       | RIJEKA / Krk I.                                              | LDRI                    | RS  | RIJEKA / Krk I.                             | LDRI                    | Y                                         | N                   | N              | T   | Y                 | P                                |                                                                        |
|                       | SPLIT / Kastela                                              | LDSP                    | RS  | SPLIT / Kastela                             | LDSP                    | Y                                         | N                   | Y              | T   | Y                 | F                                | TREND not 24-hours                                                     |
|                       | ZADAR / Zemunik                                              | LDZD                    | RS  | ZADAR / Zemunik                             | LDZD                    | Y                                         | N                   | Y              | T   | Y                 | F                                | TREND not 24-hours                                                     |
|                       | ZAGREB / Pleso                                               | LDZA                    | RS  | ZAGREB / Pleso                              | LDZA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                        |
| <b>Cyprus</b>         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                        |
|                       | LARNACA / Intl                                               | LCLK                    | RS  | LARNACA / Intl                              | LCLK                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                        |
|                       | NICOSIA / Intl DCA                                           | LCNC                    | AS  | LARNACA / Intl                              | LCLK                    | Y                                         | N                   | N              | T   | N                 | N                                | Aerodrome temporarily closed – OPMET not required until further notice |
|                       | PAFOS / Intl                                                 | LCPH                    | RS  | LARNACA / Intl                              | LCLK                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
| <b>Czech Republic</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                        |
|                       | BRNO / Turany                                                | LKTB                    | RNS | BRNO / Turany                               | LKTB                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | CESKE BUDEJOVICE                                             | LKCS                    | RNS | CESKE BUDEJOVICE                            | LKCS                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF issued by LKPR on request                                          |
|                       | KARLOVY VARY                                                 | LKKV                    | RS  | KARLOVY VARY                                | LKKV                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | OSTRAVA / Mosnov                                             | LKMT                    | RS  | OSTRAVA / Mosnov                            | LKMT                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | PARDUBICE                                                    | LKPD                    | RNS | PARDUBICE                                   | LKPD                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                        |
|                       | PRAHA / Ruzyně                                               | LKPR                    | RS  | PRAHA / Ruzyně                              | LKPR                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                                                        |
| <b>Denmark</b>        |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                        |
|                       | AALBORG                                                      | EKYT                    | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | AARHUS                                                       | EKAH                    | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | BILLUND                                                      | EKBI                    | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                        |
|                       | ESBJERG                                                      | EKEB                    | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                        |
|                       | KOBENHAVN Kastrup                                            | /EKCH                   | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                        |
|                       | KOBENHAVN Roskilde                                           | /EKRK                   | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | F                                |                                                                        |

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|----------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|----------------------------------------------------------------|
|                | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                |
|                | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                             |
|                | KOLDING / Vamdrup                                            | EKVD                    | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
|                | ODENSE / Hans Christian Andersen                             | EKOD                    | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
|                | RONNE                                                        | EKRN                    | RS  | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
|                | SINDAL                                                       | EKSN                    | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
|                | SONDERBORG                                                   | EKSB                    | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
|                | STAUNING                                                     | EKVJ                    | RNS | DANISH METEOROLOGICAL INSTITUTE             | EKMI                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                |
| <b>Estonia</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                |
|                | KARDLA                                                       | EEKA                    | RNS | ESTONIAN ENVIRONMENT AGENCY                 | EEMH                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF on request                                                 |
|                | KURESSAARE                                                   | EEKE                    | RNS | ESTONIAN ENVIRONMENT AGENCY                 | EEMH                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF on request                                                 |
|                | LENNART MERI TALLINN                                         | EETN                    | RS  | ESTONIAN ENVIRONMENT AGENCY                 | EEMH                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial                                                  |
|                | PARNU                                                        | EEPU                    | RNS | ESTONIAN ENVIRONMENT AGENCY                 | EEMH                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF on request                                                 |
|                | TARTU                                                        | EETU                    | RNS | ESTONIAN ENVIRONMENT AGENCY                 | EEMH                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF on request                                                 |
| <b>Finland</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                |
|                | ENONTEKIO                                                    | EFET                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|                | HALLI                                                        | EFHA                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |

| STATE   | AOP aerodrome where meteorological service is to be provided |                         |     | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment                                                                       |
|---------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-------------------------------------------------------------------------------|
|         | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                               |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                               |
| 1       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                            |
| FINLAND | HELSINKI-VANTAA                                              | EFHK                    | RS  | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                               |
|         | IVALO                                                        | EFIV                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data issued for the aerodrome according to operational needs, see NOTAM |
|         | JOENSUU                                                      | EFJO                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | JYVÄSKYLÄ                                                    | EFJY                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                               |
|         | KAJAANI                                                      | EFKI                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | KEMI-TORNIO                                                  | EFKE                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | KITILÄ                                                       | EFKT                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | KOKKOLA-PIETARSAARI                                          | EFKK                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | KUOPIO                                                       | EFKU                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                               |
|         | KUUSAMO                                                      | EFKS                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM                |
|         | LAPPEENRANTA                                                 | EFLP                    | RNS | FINNISH METEOROLOGICAL                      | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available                                                          |

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|-------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|----------------------------------------------------------------|
|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                |
|       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                             |
|       |                                                              |                         |     | INSTITUTE                                   |                         |                                           |                     |                |     |                   |                                  | according to operational needs, see NOTAM                      |
|       | MARIEHAMN                                                    | EFMA                    | RS  | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | MIKKELI                                                      | EFMI                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | N   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | OULU                                                         | EFOU                    | RS  | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                |
|       | PORI                                                         | EFPO                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | ROVANIEMI                                                    | EFRO                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                |
|       | SAVONLINNA                                                   | EFSA                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | SEINÄJOKI                                                    | EFSI                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | TAMPERE-PIRKKALA                                             | EFTP                    | RS  | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                |
|       | TURKU                                                        | EFTU                    | RS  | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                |
|       | UTTI                                                         | EFUT                    | RNS | FINNISH METEOROLOGICAL INSTITUTE            | EFKL                    | Y                                         | N                   | N              | C   | N                 | P                                | OPMET data available according to operational needs, see NOTAM |
|       | VAASA                                                        | EFVA                    | RS  | FINNISH METEOROLOGICAL                      | EFKL                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                |

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|--------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-----------------------------------------------------------------------------------------|
|        | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                                         |
|        |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                         |
| 1      | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                                      |
|        |                                                              |                         |     | INSTITUTE                                   |                         |                                           |                     |                |     |                   |                                  |                                                                                         |
| France |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                         |
|        | AJACCIO / Napoleon Bonaparte                                 | LFKJ                    | RS  | BASTIA-PORETTA                              | LFKB                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                         |
|        | AVIGNON-CAUMONT                                              | LFMV                    | RS  | MARSEILLE-PROVENCE                          | LFML                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | BALE-MULHOUSE                                                | LFSB                    | RS  | BALE-MULHOUSE                               | LFSB                    | Y                                         | N                   | Y              | T   | N                 | F                                | Also listed under Switzerland                                                           |
|        | BASTIA-PORETTA                                               | LFKB                    | RS  | BASTIA-PORETTA                              | LFKB                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                         |
|        | BEAUVAIS-TILLE                                               | LFOB                    | RS  | LILLE-LESQUIN                               | LFQQ                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                         |
|        | BERGERAC-ROUMANIERE                                          | LFBE                    | RS  | BORDEAUX-MERIGNAC                           | LFBD                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | BEZIERS-VIAS                                                 | LFMU                    | RS  | MONTPELLIER /Mediterranee                   | LFMT                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | BIARRITZ-ANGLET                                              | LFBZ                    | RS  | BIARRITZ-ANGLET                             | LFBZ                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                                         |
|        | BORDEAUX-MERIGNAC                                            | LFBD                    | RS  | BORDEAUX-MERIGNAC                           | LFBD                    | Y                                         | N                   | N              | X   | N                 | F                                |                                                                                         |
|        | BREST / Bretagne                                             | LFRB                    | RS  | BREST / Bretagne                            | LFRB                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                                                                         |
|        | BRIVE-SOUILLAC                                               | LFSL                    | RS  | TOULOUSE-BLAGNAC                            | LFBO                    | Y                                         | N                   | Y              | C   | N                 | P                                |                                                                                         |
|        | CALVI / Sainte-Catherine                                     | LFKC                    | RS  | BASTIA-PORETTA                              | LFBK                    | Y                                         | N                   | Y              | T   | Y                 | P                                |                                                                                         |
|        | CANNES-MANDELIEU                                             | LFMD                    | RNS | NICE / Cote d'Azur                          | LFMN                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | CARCASSONNE-SALVAZA                                          | LFMK                    | RS  | MONTPELLIER /Mediterranee                   | LFMT                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | CHALONS-VATRY                                                | LFOK                    | RS  | LILLE-LESQUIN                               | LFQQ                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                         |
|        | CHAMBERY / Aix-Les-Bains                                     | LFLB                    | RS  | LYON / Saint Exupery                        | LFLB                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | CLERMONT-FERRAND / Auvergne                                  | LFLC                    | RS  | LYON / Saint Exupery                        | LFLB                    | Y                                         | N                   | N              | T   | N                 | F                                |                                                                                         |
|        | DEAUVILLE /Normandie                                         | LFRG                    | RS  | RENNES-SAINT-JACQUES                        | LFRN                    | Y                                         | N                   | Y              | C   | N                 | P                                | As of 1 <sup>st</sup> July 2018, 24-hour validity TAF will replace 9-hour validity TAF. |
|        | DINARD-PLEURTUIT-SAINT-MALO                                  | LFRD                    | RS  | RENNES-SAINT-JACQUES                        | LFRN                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                         |
|        | DOLE-TAVAL                                                   | LFGJ                    | RS  | BALE-MULHOUSE                               | LFSB                    | Y                                         | N                   | Y              | C   | N                 | P                                |                                                                                         |
|        | FIGARI-SUD-CORSE                                             | LFKF                    | RS  | BASTIA-PORETTA                              | LFKB                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | GRENOBLE / Isere                                             | LFLS                    | RS  | LYON / Saint Exupery                        | LFLB                    | Y                                         | N                   | Y              | T   | N                 | P                                |                                                                                         |
|        | HYERES-LE                                                    | LFTH                    | RS  | MARSEILLE-                                  | LFML                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                                                                         |

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|---------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|         | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|         | PALYVESTRE                                                   |                         |     | PROVENCE                                    |                         |                                           |                     |                |     |                   |                                  |         |
|         | LA ROCHELLE / Ile de Re                                      | LFBH                    | RS  | BORDEAUX-MERIGNAC                           | LFBD                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | LILLE-LESQUIN                                                | LFQQ                    | RS  | LILLE-LESQUIN                               | LFQQ                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|         | LIMOGES-BELLEGARDE                                           | LFBL                    | RS  | BORDEAUX-MERIGNAC                           | LFBD                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | LYON / Bron                                                  | LFLY                    | RNS | LYON / Saint Exupery                        | LFLY                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | LYON / Saint Exupery                                         | LFLY                    | RS  | LYON / Saint Exupery                        | LFLY                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|         | MARSEILLE-PROVENCE                                           | LFML                    | RS  | MARSEILLE-PROVENCE                          | LFML                    | Y                                         | N                   | Y              | X   | Y                 | F                                |         |
|         | METZ-NANCY-LORRAINE                                          | LFJL                    | RS  | BALE-MULHOUSE                               | LFSB                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | MONTPELLIER Mediterranee                                     | LFMT                    | RS  | MONTPELLIER Mediterranee                    | LFMT                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | NANTES / Atlantique                                          | LFRS                    | RS  | NANTES / Atlantique                         | LFRS                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|         | NICE / Cote d'Azur                                           | LFMN                    | RS  | NICE / Cote d'Azur                          | LFMN                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|         | NIMES-GARONS                                                 | LFTW                    | RS  | MONTPELLIER Mediterranee                    | LFMT                    | Y                                         | N                   | Y              | T   | N                 | P                                |         |
|         | PARIS / Charles de Gaulle                                    | LFPG                    | RS  | PARIS / Charles de Gaulle                   | LFPG                    | Y                                         | Y                   | Y              | X   | Y                 | F                                |         |
|         | PARIS / Le Bourget                                           | LFPB                    | RNS | PARIS / Charles de Gaulle                   | LFPG                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | PARIS / Orly                                                 | LFPO                    | RS  | PARIS / Orly                                | LFPO                    | Y                                         | N                   | Y              | X   | Y                 | F                                |         |
|         | PAU / Pyrenees                                               | LFBP                    | RNS | BIARRITZ-ANGLET                             | LFBZ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | PERPIGNAN-RIVESALTES                                         | LFMP                    | RS  | MONTPELLIER Mediterranee                    | LFMT                    | Y                                         | N                   | Y              | T   | N                 | P                                |         |
|         | POITIERS-BIARD                                               | LFBI                    | RS  | BORDEAUX-MERIGNAC                           | LFBD                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | RENNES-SAINT-JACQUES                                         | LFRN                    | RS  | RENNES-SAINT-JACQUES                        | LFRN                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | RODEZ-AVEYRON                                                | LFCE                    | RS  | TOULOUSE-BLAGNAC                            | LFBO                    | Y                                         | N                   | Y              | T   | N                 | P                                |         |
|         | SAINT-ETIENNE Boutheon                                       | LFMH                    | RS  | LYON / Saint Exupery                        | LFLY                    | Y                                         | N                   | Y              | T   | N                 | P                                |         |
|         | STRASBOURG-ENTZHEIM                                          | LFST                    | RS  | BALE-MULHOUSE                               | LFSB                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | TARBES-LOURDES PYRENEES                                      | LFBT                    | RS  | BIARRITZ-ANGLET                             | LFBZ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | TOULOUSE-BLAGNAC                                             | LFBO                    | RS  | TOULOUSE-BLAGNAC                            | LFBO                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|         | TOURS / Val de Loire                                         | LFOT                    | RS  | PARIS / Orly                                | LFPO                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
| Georgia |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |

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|---------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------------|
|         | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |               |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |               |
| 1       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13            |
|         | BATUMI                                                       | UGSB                    | RS  | BATUMI                                      | UGSB                    | Y                                         | N                   | Y              | T   | Y                 | F                                |               |
|         | KUTAISI / Kopitnari                                          | UGKO                    | RS  | KUTAISI / Kopitnari                         | UGKO                    | Y                                         | N                   | Y              | T   | Y                 | F                                |               |
|         | TBILISI                                                      | UGTB                    | RS  | TBILISI                                     | UGTB                    | Y                                         | N                   | Y              | T   | Y                 | F                                |               |
| Germany |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|         | ALLENDORF/EDER                                               | EDFQ                    | RNS | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | AUGSBURG                                                     | EDMA                    | RS  | MUNCHEN MET REG CENTER                      | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|         | BARTH                                                        | EDBH                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | BAUTZEN                                                      | EDAB                    | RNS | BERLIN MET REG CENTER                       | EDZB                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | BAYREUTH                                                     | EDQD                    | RS  | MUNCHEN MET REG CENTER                      | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | BERLIN BRANDENBURG                                           | EDDB                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|         | BIELEFELD                                                    | EDLI                    | RNS | ESSEN MET REG CENTER                        | EDZE                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | BONN / Hangelar                                              | EDKB                    | RNS | ESSEN MET REG CENTER                        | EDZE                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | BRAUNSCHWEIG-WOLFSBURG                                       | EDVE                    | RNS | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|         | BREMEN                                                       | EDDW                    | RS  | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial |
|         | COBURG Brandensteinsebene                                    | /EDQC                   | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | DONAUESCHINGEN-VILLINGEN                                     | EDTD                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | DONAUWOERTH / Hel                                            | EDPR                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | DORTMUND                                                     | EDLW                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | N              | T   | N                 | P                                |               |
|         | DRESDEN                                                      | EDDC                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial |
|         | DUESSELDORF                                                  | EDDL                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|         | EGGENFELDEN                                                  | EDME                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|         | EMDEN                                                        | EDWE                    | RNS | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|         | ERFURT-WEIMAR                                                | EDDE                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial |
|         | ESSEN / Muelheim                                             | EDLE                    | RNS | ESSEN MET REG CENTER                        | EDZE                    | N                                         | N                   | N              | N   | N                 | N                                |               |

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|-------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-----------------------------------|
|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                   |
|       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                |
|       | FLENSBURG Schaeferhaus                                       | /EDXF                   | RNS | HAMBURG MET REG CENTER                      | EDZH                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | FRANKFURT/MAIN                                               | EDDF                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                   |
|       | FRANKFURT-EGELSBACH                                          | EDFE                    | RNS | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | FRANKFURT-HAHN                                               | EDFH                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | N              | T   | N                 | F                                |                                   |
|       | FREIBURG / I.BR                                              | EDTF                    | RNS | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | FRIEDRICHSHAFEN                                              | EDNY                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | GIEBELSTADT                                                  | EDQG                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | HAMBURG                                                      | EDDH                    | RS  | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                   |
|       | HAMBURG-FINKENWERDER                                         | EDHI                    | RNS | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | HANNOVER                                                     | EDDV                    | RS  | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial                     |
|       | HASSFURT-SCHWEINFURT                                         | EDQT                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | HERINGSDORF                                                  | EDAH                    | RNS | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | HOF-PLAUE                                                    | EDQM                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | INGOLSTADT Manching                                          | /ETSI                   | AS  | INGOLSTADT Manching                         | /ETSI                   | Y                                         | N                   | Y              | C   | N                 | P                                | TAF mainly during operating hours |
|       | KARLSRUHE / Baden-Baden                                      | EDSB                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | N              | T   | N                 | F                                |                                   |
|       | KASSEL-CALDEN                                                | EDVK                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | KIEL-HOLTENAU                                                | EDHK                    | RNS | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | KOELN / Bonn                                                 | EDDK                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                   |
|       | KONSTANZ                                                     | EDTZ                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | LAAGE                                                        | ETNL                    | AS  | LAAGE                                       | ETNL                    | Y                                         | N                   | Y              | C   | N                 | P                                | TAF mainly during operating hours |
|       | LAHR                                                         | EDTL                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | LANDSHUT                                                     | EDML                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |

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|-------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-----------------------------------|
|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                   |
|       |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                   |
| 1     | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                |
|       | LEIPZIG-ALTENBURG AIRPORT                                    | EDAC                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | LEIPZIG / Halle                                              | EDDP                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                   |
|       | LUEBECK-BLANKENSEE                                           | EDHL                    | RS  | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | MAGDEBURG / City                                             | EDBM                    | RS  | BERLIN MET REG CENTER                       | EDZB                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | MAGDEBURG Cochstedt                                          | EDBC                    | RNS | BERLIN MET REG CENTER                       | EDZB                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | MANNHEIM / City                                              | EDFM                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | MEMMINGEN                                                    | EDJA                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | MENGEN-HOHENTENGEN                                           | EDTM                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | MOENCHENGLADBACH                                             | EDLN                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | MUENCHEN                                                     | EDDM                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | Y              | X   | N                 | F                                |                                   |
|       | MUENSTER Osnabrueck                                          | EDDG                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | Y              | T   | N                 | F                                |                                   |
|       | NEUBRANDENBURG                                               | EDBN                    | AS  | BERLIN MET REG CENTER                       | EDZB                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | NIEDERRHEIN                                                  | EDLV                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | N              | T   | N                 | P                                |                                   |
|       | NIEDERSTETTEN                                                | ETHN                    | AS  | NIEDERSTETTEN                               | ETHN                    | Y                                         | N                   | Y              | C   | N                 | P                                | TAF mainly during operating hours |
|       | NORDHOLZ                                                     | ETMN                    | AS  | NORDHOLZ                                    | ETMN                    | Y                                         | N                   | Y              | C   | N                 | P                                | TAF mainly during operating hours |
|       | NUERNBERG                                                    | EDDN                    | RS  | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | Y              | T   | N                 | F                                | Trend partial                     |
|       | OBERPFAFFENHOEFEN                                            | EDMO                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |
|       | OBERSCHLEISSHEIM / Hel                                       | EDMX                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | OFFENBURG                                                    | EDTO                    | RNS | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |                                   |
|       | PADERBORN Lippstadt                                          | EDLP                    | RS  | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | N              | T   | N                 | F                                |                                   |
|       | SAARBRUECKEN                                                 | EDDR                    | RS  | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | Y              | T   | N                 | F                                | trend partial                     |
|       | SCHWAEBISCH HALL                                             | EDTY                    | RNS | MUENCHEN MET REG CENTER                     | EDZM                    | Y                                         | N                   | N              | C   | N                 | P                                |                                   |

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|----------------------------|--------------------------------------------------------------|-------------------------|--------|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------------|
|                            | Name                                                         | ICAO Location Indicator | Use    | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |               |
|                            |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
| 1                          | 2                                                            | 3                       | 4      | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13            |
|                            | SIEGERLAND                                                   | EDGS                    | RS     | ESSEN MET REG CENTER                        | EDZE                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                            | STADTLOHN-VREDEN                                             | EDLS                    | RNS    | ESSEN MET REG CENTER                        | EDZE                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|                            | STRAUBING                                                    | EDMS                    | RNS    | MUENCHEN MET REG CENTER                     | EDZM                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|                            | STUTTGART                                                    | EDDS                    | RS     | FRANKFURT MAIN MET REG CENTER               | EDZF                    | Y                                         | N                   | Y              | T   | N                 | F                                | trend partial |
|                            | SYLT                                                         | EDXW                    | RS     | HAMBURG MET REG CENTER                      | EDZH                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                            | TRIER-FOEHREN                                                | EDRT                    | RNS    | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|                            | WILHELMSHAVEN /<br>Jadeweser Airport                         | EDWI                    | RNS    | HAMBURG MET REG CENTER                      | EDZH                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|                            | WORMS                                                        | EDFV                    | RNS    | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |               |
|                            | ZWEIBRUECKEN                                                 | EDRZ                    | RNS    | FRANKFURT MAIN MET REG CENTER               | EDZF                    | N                                         | N                   | N              | N   | N                 | N                                |               |
| Gibraltar (United Kingdom) |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                            | GIBRALTAR / North Front                                      | LXGB                    | RS     | GIBRALTAR / North Front                     | LXGB                    | Y                                         | N                   | Y              | C   |                   | F                                |               |
| Greece                     |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                            | ALEXANDROUPOLIS / Dimokritos                                 | LGAL                    | RNS    | ATHINAI/HELLINIKO N                         | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |               |
|                            | ALMIROS / Nea Anchialos                                      | LGBL                    | RNS    |                                             |                         | Y                                         | N                   | N              | C   |                   | P                                |               |
|                            | ANDRAVIDA                                                    | LGAD                    | RNS,AS | ATHINAI/HELLINIKO N                         | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |               |
|                            | ARAXOS                                                       | LGRX                    | RNS    |                                             |                         | Y                                         | N                   | N              | C   |                   | P                                |               |
|                            | ATHINAI / Eleftherios Venizelos                              | LGAV                    | RS     | ATHINAI / Eleftherios Venizelos             | LGAV                    | Y                                         | N                   | Y              | T   |                   | F                                |               |
|                            | CHANIA / Ioannis Daskalogiannis                              | LGSA                    | RNS,AS |                                             |                         | Y                                         | N                   | N              | T   |                   | P                                |               |
|                            | CHIOS / Omiros                                               | LGHI                    | RNS    |                                             |                         | Y                                         | N                   | N              | C   |                   | P                                |               |
|                            | ELEFSIS                                                      | LGEL                    | AS     | ATHINAI/HELLINIKO N                         | LGAT                    | Y                                         | N                   | N              | T   |                   | F                                |               |
|                            | IOANNINA / King Pyrrhos                                      | LGIO                    | RNS    |                                             |                         | Y                                         | N                   | N              | C   |                   | P                                |               |
|                            | IRAKLION / Nikos Kazantzakis                                 | LGIR                    | RS     | ATHINAI/HELLINIKO N                         | LGAT                    | Y                                         | N                   | Y              | T   |                   | F                                |               |
|                            | KALAMATA / Captain Vasilis Konstantakopoulos                 | LGKL                    | RNS    | ATHINAI/HELLINIKO N                         | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |               |
|                            | KARPATOS                                                     | LGKP                    | RS     |                                             |                         | Y                                         | N                   | N              | C   |                   | P                                |               |

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|---------|--------------------------------------------------------------|-------------------------|--------|-----------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|         | Name                                                         | ICAO Location Indicator | Use    | Name                                          | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|         |                                                              |                         |        |                                               |                         |                                           |                     |                |     |                   |                                  |         |
| 1       | 2                                                            | 3                       | 4      | 5                                             | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
| Greece  | KAVALA / Megas Alexandros                                    | LGKV                    | RNS    | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | KEFALLINIA / Anna Pollatou                                   | LGKF                    | RNS    | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |         |
|         | KERKIRA / Ioannis Kapodistrias                               | LGKR                    | RS     | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | KOS / Ippokratis                                             | LGKO                    | RNS,AS | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | LIMNOS / Ifaistos                                            | LGLM                    | RNS,AS | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |         |
|         | MIKONOS                                                      | LGMK                    | RNS    |                                               |                         | Y                                         | N                   | N              | C   |                   | P                                |         |
|         | MITILINI / Odysseas Elytis                                   | LGMT                    | RNS,AS | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |         |
|         | PREVEZA / Aktion                                             | LGPZ                    | RNS    |                                               |                         | Y                                         | N                   | N              | T   |                   | P                                |         |
|         | RODOS / Diagoras                                             | LGRP                    | RS     | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | SAMOS / Aristarchos of Samos                                 | LGSM                    | RNS    | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |         |
|         | SANTORINI                                                    | LGSR                    | RNS    | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|         | SKIATHOS Alexandros Papadiamandis                            | /LGSK                   | RNS    |                                               |                         | Y                                         | N                   | N              | C   |                   | P                                |         |
|         | THESSALONIKI Makedonia                                       | /LGTS                   | RS     | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|         | ZAKINTHOS Dionisios Solomos                                  | /LGZA                   | RNS    | ATHINAI/HELLINIKO N                           | LGAT                    | Y                                         | N                   | N              | C   |                   | F                                |         |
| Hungary |                                                              |                         |        |                                               |                         |                                           |                     |                |     |                   |                                  |         |
| Hungary | BUDAPEST / Liszt Ferenc International Airport                | LHBP                    | RS     | BUDAPEST / Liszt Ferenc International Airport | LHBP                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | DEBRECEN / Debrecen Airport                                  | LHDC                    | RS,RNS | DEBRECEN / Debrecen Airport                   | LHDC                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|         | GYOR / PER                                                   | LHPR                    | RNS    | GYOR / PER                                    | LHPR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | SARMELLEK / Heviz-Balaton Airport                            | LHSM                    | RS,RNS | SARMELLEK / Heviz-Balaton Airport             | LHSM                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
| Ireland |                                                              |                         |        |                                               |                         |                                           |                     |                |     |                   |                                  |         |
| Ireland | CORK / Intl                                                  | EICK                    | RS     | SHANNON / Intl                                | EINN                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | DUBLIN / Intl                                                | EIDW                    | RS     | SHANNON / Intl                                | EINN                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | IRELAND WEST                                                 | EIKN                    | RS     | SHANNON / Intl                                | EINN                    | Y                                         | N                   | Y              | T   | N                 | P                                |         |
|         | KERRY                                                        | EIKY                    | RS     |                                               |                         | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | SHANNON / Intl                                               | EINN                    | RS     | SHANNON / Intl                                | EINN                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |

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|        | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|        |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|        |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1      | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
| Israel |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|        | HAIFA                                                        | LLHA                    | RNS | METEOROLOGICAL SERVICE                      | LLBD                    | Y                                         | N                   | N              | T   | Y                 | P                                |         |
|        | TEL-AVIV/Ben-Gurion                                          | LLBG                    | RS  | METEOROLOGICAL SERVICE                      | LLBD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
| Italy  |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|        | ALBENGA                                                      | LIMG                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|        | ALGHERO / Fertilia                                           | LIEA                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | ANCONA / Falconara                                           | LIPY                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | AOSTA                                                        | LIMW                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      |                         | Y                                         | N                   | N              | C   | N                 | P                                |         |
|        | BARI / Palese                                                | LIBD                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | BERGAMO / Orio al Serio                                      | LIME                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|        | BOLOGNA / Borgo Panigale                                     | LIPE                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | BOLZANO                                                      | LIPB                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|        | BRESCIA / Montichiari                                        | LIPO                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | BRINDISI / Casale                                            | LIBR                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | CAGLIARI / Elmas                                             | LIEE                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | CATANIA / Fontanarossa                                       | LICC                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|        | COMISO                                                       | LICB                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |

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|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
| I     | COMO / Idroscalo Water AD                                    | LILY                    | RNS |                                             |                         | N                                         | N                   | N              | N   | N                 | N                                |         |
|       | CUNEO / Levaldigi                                            | LIMZ                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | FIRENZE / Peretola                                           | LIRQ                    | AS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | FOGGIA / Gino Lisa                                           | LIBF                    | RNS | ENAF MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|       | FORLI'                                                       | LIPK                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|       | GENOVA / Sestri                                              | LIMJ                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | LAMEZIA / Terme                                              | LICA                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | LAMPEDUSA                                                    | LICD                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | MARINA DI CAMPO                                              | LIRJ                    | RNS |                                             |                         | N                                         | N                   | N              | N   | N                 | N                                |         |
|       | MILANO / Linate                                              | LIML                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | MILANO / Malpensa                                            | LIMC                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|       | NAPOLI / Capodichino                                         | LIRN                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | OLBIA / Costa Smeralda                                       | LIEO                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | PALERMO / Punta Raisi                                        | LICJ                    | RS  | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | PANTELLERIA                                                  | LICG                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | PARMA                                                        | LIMP                    | RNS | ENAV MET ROME FORECASTING UNIT - ITALY      | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|       | PERUGIA / S.Francesco                                        | LIRZ                    | RNS | ENAV MET ROME                               | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |

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|       | Name                                                         | ICAO Location Indicator | Use    | Name                                          | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       |                                                              |                         |        |                                               |                         |                                           |                     |                |     |                   |                                  |         |
| 1     | 2                                                            | 3                       | 4      | 5                                             | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|       |                                                              |                         |        | FORECASTING UNIT - ITALY                      |                         |                                           |                     |                |     |                   |                                  |         |
|       | PESCARA                                                      | LIBP                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | PISA / S.Giusto                                              | LIRP                    | RS     | METEOROLOGICAL WATCH OFFICE – POGGIO RENATICO | LIIP                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | REGGIO CALABRIA                                              | LICR                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | RIMINI / Miramare                                            | LIPR                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | ROMA / Ciampino                                              | LIRA                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | ROMA / Fiumicino                                             | LIRF                    | RS     | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|       | ROMA / Urbe                                                  | LIRU                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | SALERNO Pontecagnano                                         | /LIRI                   | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | P                                |         |
|       | TORINO / Caselle                                             | LIMF                    | RS     | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | TRAPANI / Birgi                                              | LICT                    | RNS    | METEOROLOGICAL WATCH OFFICE – POGGIO RENATICO | LIIP                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|       | TREVISO / S.Angelo                                           | LIPH                    | RNS,AS | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | TRIESTE / Ronchi dei Legionari                               | LIPQ                    | RS     | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | VENEZIA / Lido                                               | LIPV                    | RNS    | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | N                                         | N                   | N              | N   | N                 | N                                |         |
|       | VENEZIA / Tessera                                            | LIPZ                    | RS     | ENAV MET ROME FORECASTING UNIT - ITALY        | LIJR                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|       | VERONA / Villafranca                                         | LIPX                    | RS     | ENAV MET ROME FORECASTING UNIT -              | LIJR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |

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|------------|--------------------------------------------------------------|-------------------------|-----|----------------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|            | Name                                                         | ICAO Location Indicator | Use | Name                                               | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|            |                                                              |                         |     |                                                    |                         |                                           |                     |                |     |                   |                                  |         |
| 1          | 2                                                            | 3                       | 4   | 5                                                  | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|            |                                                              |                         |     | ITALY                                              |                         |                                           |                     |                |     |                   |                                  |         |
| Kazakhstan |                                                              |                         |     |                                                    |                         |                                           |                     |                |     |                   |                                  |         |
|            | AKTAU                                                        | UATE                    | RS  | AKTAU                                              | UATE                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | AKTOBE                                                       | UATT                    | RS  | AKTOBE                                             | UATT                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | ALMATY                                                       | UAAA                    | RS  | ALMATY                                             | UAAA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | ASTANA                                                       | UACC                    | RS  | ASTANA                                             | UACC                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | ATYRAU                                                       | UATG                    | RS  | ATYRAU                                             | UATG                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | KARAGANDA                                                    | UAKK                    | RS  | KARAGANDA                                          | UAKK                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | KOKSHETAU                                                    | UACK                    | RS  | KOKSHETAU                                          | UACK                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|            | KOSTANAY                                                     | UAUU                    | RS  | KOSTANAY                                           | UAUU                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|            | KYZYLORDA                                                    | UAAO                    | RS  | KYZYLORDA                                          | UAAO                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|            | PAVLODAR                                                     | UASP                    | RS  | PAVLODAR                                           | UASP                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|            | PETROPAVLOVSK                                                | UACP                    | RS  | PETROPAVLOVSK                                      | UACP                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|            | SEMEY                                                        | UASS                    | RS  | SEMEY                                              | UASS                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|            | SHYMKENT                                                     | UAII                    | RS  | SHYMKENT                                           | UAII                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | TARAZ                                                        | UADD                    | RS  | TARAZ                                              | UADD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | TURKISTAN<br>TURKISTAN<br>INTERNATIONAL<br>AIRPORT           | /UAIT                   | RS  | TURKISTAN<br>TURKISTAN<br>INTERNATIONAL<br>AIRPORT | /UAIT                   | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|            | URALSK                                                       | UARR                    | RS  | URALSK                                             | UARR                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|            | UST-KAMENOGORSK                                              | UASK                    | RS  | UST-KAMENOGORSK                                    | UASK                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|            | ZHEZKAZGAN                                                   | UAKD                    | RS  | ZHEZKAZGAN                                         | UAKD                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
| Kyrgyzstan |                                                              |                         |     |                                                    |                         |                                           |                     |                |     |                   |                                  |         |
|            | BISHKEK / Manas                                              | UCFM                    | RS  | BISHKEK / Manas                                    | UCFM                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|            | OSH                                                          | UCFO                    | RS  | OSH                                                | UCFO                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|            | ISSYK-KUL                                                    | UCFL                    | RNS | BISHKEK / Manas                                    | UCFM                    | Y                                         | N                   | N              | T   |                   | F                                |         |
| Latvia     |                                                              |                         |     |                                                    |                         |                                           |                     |                |     |                   |                                  |         |
|            | LIEPAJA                                                      | EVLA                    | RS  | RIGA                                               | EVRA                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|            | RIGA                                                         | EVRA                    | RS  | RIGA                                               | EVRA                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
| Lithuania  |                                                              |                         |     |                                                    |                         |                                           |                     |                |     |                   |                                  |         |
|            | KAUNAS                                                       | EYKA                    | RS  | VILNIUS                                            | EYVI                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|            | PALANGA                                                      | EYPA                    | RS  | VILNIUS                                            | EYVI                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|            | SIAULIAI                                                     | EYSA                    | RNS | VILNIUS                                            | EYVI                    | Y                                         | N                   | N              | C   |                   | F                                |         |

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|--------------------|--------------------------------------------------------------|-------------------------|--------|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------------|
|                    | Name                                                         | ICAO Location Indicator | Use    | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |               |
|                    | 2                                                            | 3                       | 4      | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13            |
|                    | VILNIUS                                                      | EYVI                    | RS     | VILNIUS                                     | EYVI                    | Y                                         | N                   | Y              | T   |                   | F                                |               |
| <b>Luxembourg</b>  |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | LUXEMBOURG                                                   | ELLX                    | RS     | LUXEMBOURG                                  | ELLX                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
| <b>Malta</b>       |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | LUQA                                                         | LMML                    | RS     | LUQA                                        | LMML                    | Y                                         | N                   |                | T   |                   | F                                |               |
| <b>Monaco</b>      |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | MONACO                                                       | LNMC                    | RS     |                                             |                         | Y                                         | N                   |                | N   |                   | F                                |               |
| <b>Montenegro</b>  |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | PODGORICA                                                    | LYPG                    | RS     | PODGORICA                                   | LYPG                    | Y                                         | N                   | Y              | T   | Y                 | F                                |               |
|                    | TIVAT                                                        | LYTV                    | RS     | TIVAT                                       | LYTV                    | Y                                         | N                   | Y              | T   | Y                 | P                                | Trend Partial |
| <b>Morocco</b>     |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | AGADIR / Al Massira                                          | GMAD                    | RS     | AGADIR / Al Massira                         | GMAD                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | AL HOCEIMA / Cherif El Idrissi                               | GMTA                    | RS     | AL HOCEIMA / Cherif El Idrissi              | GMTA                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | CASABLANCA / Mohammed V                                      | GMMN                    | RS     | CASABLANCA / Mohammed V                     | GMMN                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | ERRACHIDIA / Moulay Ali Cherif                               | GMFK                    | RNS    | ERRACHIDIA / Moulay Ali Cherif              | GMFK                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | ESSAOUIRA / Mogador                                          | GMMI                    | RS     | ESSAOUIRA / Mogador                         | GMMI                    | Y                                         | N                   | Y              | X   | N                 | P                                |               |
|                    | FES / Saiss                                                  | GMFF                    | RS     | FES / Saiss                                 | GMFF                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | MARRAKECH / Menara                                           | GMMX                    | RS     | MARRAKECH / Menara                          | GMMX                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | NADOR / El Aroui                                             | GMMW                    | RS     | NADOR / El Aroui                            | GMMW                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | OUARZAZATE                                                   | GMMZ                    | RS     | OUARZAZATE                                  | GMMZ                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | OUJDA / Angads                                               | GMFO                    | RS     | OUJDA / Angads                              | GMFO                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | RABAT / Sale                                                 | GMME                    | RS     | RABAT / Sale                                | GMME                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | TANGER / Ibn Batouta                                         | GMTT                    | RS     | TANGER / Ibn Batouta                        | GMTT                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | TAN-TAN / Plage Blanche                                      | GMAT                    | RS     | TAN-TAN / Plage Blanche                     | GMAT                    | Y                                         | N                   | Y              | N   | N                 | P                                |               |
|                    | TETOUAN / Saniat R'mel                                       | GMTN                    | RS     | TETOUAN / Saniat R'mel                      | GMTN                    | Y                                         | N                   | Y              | N   | N                 | P                                |               |
| <b>Netherlands</b> |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                    | AMSTERDAM / Schiphol                                         | EHAM                    | RS     | DE BILT                                     | EHDB                    | Y                                         | N                   | Y              | X   | N                 | F                                |               |
|                    | DEN HELDER / De Kooy                                         | EHKD                    | RNS    | WOENS DRECHT                                | EHWX                    | Y                                         | N                   | Y              | T   | N                 | P                                | Military      |
|                    | EINDHOVEN                                                    | EHEH                    | RS     | WOENS DRECHT                                | EHWX                    | Y                                         | N                   | Y              | X   | N                 | P                                | Military      |
|                    | GRONINGEN / Eelde                                            | EHGG                    | RNS,AS | DE BILT                                     | EHDB                    | Y                                         | N                   | Y              | X   | N                 | F                                | Trend partial |

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|------------------------|--------------------------------------------------------------|-------------------------|--------|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------------|
|                        | Name                                                         | ICAO Location Indicator | Use    | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |               |
|                        | 2                                                            | 3                       | 4      | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                |                                  | 13            |
|                        | LELYSTAD                                                     | EHLE                    | RNS    | DE BILT                                     | EHDB                    | Y                                         | N                   | Y              | Y   | N                 | F                                | Trend partial |
|                        | MAASTRICHT / Maastricht Aachen                               | EHBK                    | RNS,AS | DE BILT                                     | EHDB                    | Y                                         | N                   | Y              | X   | N                 | F                                | Trend partial |
|                        | ROTTERDAM                                                    | EHRD                    | RS     | DE BILT                                     | EHDB                    | Y                                         | N                   | Y              | X   | N                 | F                                | Trend partial |
| <b>North Macedonia</b> |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                        | OHRID                                                        | LWOH                    | RNS    | OHRID                                       | LWOH                    | Y                                         | N                   | N              | T   |                   | F                                |               |
|                        | SKOPJE / Petrovec                                            | LWSK                    | RS     | SKOPJE / Petrovec                           | LWSK                    | Y                                         | N                   | Y              | T   |                   | F                                |               |
| <b>Norway</b>          |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                        | ALESUND / Vigra                                              | ENAL                    | RNS    | BERGEN                                      | ENVV                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                        | ALTA                                                         | ENAT                    | RNS    | TROMSO                                      | ENVN                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                        | BERGEN / Flesland                                            | ENBR                    | RS     | BERGEN                                      | ENVV                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | BODO                                                         | ENBO                    | RNS    | TROMSO                                      | ENVN                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | HARSTAD / Narvik / Evenes                                    | ENEV                    | RNS    | TROMSO                                      | ENVN                    | Y                                         | N                   | Y              | T   | N                 | P                                |               |
|                        | KIRKENES / Hoybuktnoen                                       | ENKR                    | RNS    | TROMSO                                      | ENVN                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                        | KRISTIANSAND / Kjevik                                        | ENCN                    | RS     | OSLO                                        | ENMI                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                        | LAKSELV / Banak                                              | ENNA                    | RNS    | TROMSO                                      | ENVN                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | OSLO / Gardermoen                                            | ENGM                    | RNS    | OSLO                                        | ENMI                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | SANDEFJORD / Torp                                            | ENTO                    | RS     | OSLO                                        | ENMI                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | STAVANGER / Sola                                             | ENZV                    | RS     | BERGEN                                      | ENVV                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | TROMSO / Langnes                                             | ENTC                    | RS     | TROMSO                                      | ENVN                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
|                        | TRONDHEIM / Varnes                                           | ENVA                    | RS     | BERGEN                                      | ENVV                    | Y                                         | N                   | Y              | T   | N                 | F                                |               |
| <b>Poland</b>          |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |               |
|                        | BYDGOSZCZ                                                    | EPBY                    | RS     | BYDGOSZCZ                                   | EPBY                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | GDANSK / im Lecha Walesy                                     | EPGD                    | RS     | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | KATOWICE / Pyrzowice                                         | EPKT                    | RS     | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | KRAKOW / Balice                                              | EPKK                    | RS     | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | LODZ / Lublinek                                              | EPLL                    | RS     | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | LUBLIN                                                       | EPLB                    | RS     | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | N              | T   | N                 | P                                |               |
|                        | OLSZTYN / Mazury                                             | EPSY                    | RS     | OLSZTYN / Mazury                            | EPSY                    | Y                                         | N                   | N              | C   | N                 | P                                |               |
|                        | POZNAN / Lawica                                              | EPPO                    | RS     | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | T   | N                 | F                                |               |
|                        | RADOM / Sadkow                                               | EPRA                    | RS     | RADOM / Sadkow                              | EPRA                    | Y                                         | N                   | N              | C   | N                 | P                                |               |

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|----------------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|--------------------------|
|                            | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                          |
|                            | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                |                                  | 13                       |
|                            | RZESZOW / Jasionka                                           | EPRZ                    | RS  | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | SZCZECIN / Goleniow                                          | EPSC                    | RS  | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | WARSZAWA / Chopina w Warszawie                               | EPWA                    | RS  | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | Y              | T   | N                 | F                                |                          |
|                            | WARSZAWA / Modlin                                            | EPMO                    | RS  | WARSZAWA / Chopina w Warszawie              | EPWA                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | WROCLAW Strachowice                                          | EPWR                    | RS  | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | ZIELONA GORA Babimost                                        | EPZG                    | AS  | KRAKOW / Balice                             | EPKK                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
| <b>Portugal</b>            |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                          |
|                            | FARO                                                         | LPFR                    | RS  | LISBOA                                      | LPPT                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | LISBOA                                                       | LPPT                    | RS  | LISBOA                                      | LPPT                    | Y                                         | N                   | N              | X   | N                 | F                                |                          |
|                            | MADEIRA                                                      | LPMA                    | RS  | LISBOA                                      | LPPT                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | PORTO                                                        | LPPR                    | RS  | LISBOA                                      | LPPT                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | PORTO SANTO                                                  | LPPS                    | AS  | LISBOA                                      | LPPT                    | Y                                         | N                   | N              | X   | N                 | F                                |                          |
| <b>Republic of Moldova</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                          |
|                            | CHISINAU                                                     | LUKK                    | RS  | CHISINAU                                    | LUKK                    | Y                                         | N                   | Y              | T   | N                 | F                                |                          |
|                            | MARCULESTI                                                   | LUBM                    | RNS | MARCULESTI                                  | LUBM                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF and METAR on request |
| <b>Romania</b>             |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                          |
|                            | ARAD                                                         | LRAR                    | RS  | ARAD                                        | LRAR                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | BACAU                                                        | LRBC                    | RS  | BACAU                                       | LRBC                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | BAIA MARE                                                    | LRBM                    | RNS | BAIA MARE                                   | LRBM                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | BUCURESTI / Baneasa-Aurel Vlaicu                             | LRBS                    | RS  | BUCURESTI / Baneasa-Aurel Vlaicu            | LRBS                    | Y                                         | N                   | Y              | T   | N                 | F                                |                          |
|                            | BUCURESTI / Henri Coanda                                     | LROP                    | RS  | BUCURESTI / Henri Coanda                    | LROP                    | Y                                         | N                   | Y              | T   | N                 | F                                |                          |
|                            | CLUJ NAPOCA / Avram Iancu                                    | LRCL                    | RS  | CLUJ NAPOCA / Avram Iancu                   | LRCL                    | Y                                         | N                   | N              | C   | N                 | F                                |                          |
|                            | CONSTANTA / Mihail Kogalniceanu                              | LRCK                    | RS  | CONSTANTA / Mihail Kogalniceanu             | LRCK                    | Y                                         | N                   | Y              | T   | N                 | F                                |                          |
|                            | CRAIOVA                                                      | LRCV                    | RNS | CRAIOVA                                     | LRCV                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | IASI                                                         | LRIA                    | RS  | IASI                                        | LRIA                    | Y                                         | N                   | N              | C   | N                 | F                                |                          |
|                            | ORADEA                                                       | LROD                    | RS  | ORADEA                                      | LROD                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | SATU MARE                                                    | LRSM                    | RS  | SATU MARE                                   | LRSM                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |
|                            | SIBIU                                                        | LRSB                    | RS  | SIBIU                                       | LRSB                    | Y                                         | N                   | N              | T   | N                 | F                                |                          |
|                            | SUCEAVA / Stefan Cel                                         | LRSV                    | RNS | SUCEAVA / Stefan Cel                        | LRSV                    | Y                                         | N                   | N              | C   | N                 | P                                |                          |

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|--------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|                    | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|                    |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1                  | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|                    | Mare                                                         |                         |     | Mare                                        |                         |                                           |                     |                |     |                   |                                  |         |
|                    | TARGU MURES / Transilvania                                   | LRTM                    | RNS | TARGU MURES / Transilvania                  | LRTM                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|                    | TIMISOARA / Traian Vuia                                      | LRTR                    | RS  | TIMISOARA / Traian Vuia                     | LRTR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                    | TULCEA / Delta Dunarii                                       | LRTC                    | RNS | TULCEA / Delta Dunarii                      | LRTC                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
| Russian Federation |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|                    | ABAKAN                                                       | UNAA                    | RS  | ABAKAN                                      | UNAA                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | ANADYR / Ugolny                                              | UHMA                    | RNS | ANADYR / Ugolny                             | UHMA                    | Y                                         | Y                   | Y              | T   | N                 | P                                |         |
|                    | ANAPA / Vityazevo                                            | URKA                    | RS  | ANAPA / Vityazevo                           | URKA                    | Y                                         | Y                   | N              | T   | N                 | F                                |         |
|                    | ARKHANGELSK Talagi                                           | ULAA                    | RS  | ARKHANGELSK Talagi                          | ULAA                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | ASTRAKHAN                                                    | URWA                    | RS  | ASTRAKHAN                                   | URWA                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|                    | BARNAUL Mikhaylovka                                          | UNBB                    | RS  | BARNAUL Mikhaylovka                         | UNBB                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | BEGISHEVO                                                    | UWKE                    | RS  | BEGISHEVO                                   | UWKE                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | BELGOROD                                                     | UUOB                    | RS  | BELGOROD                                    | UUOB                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|                    | BLAGOVESHCHENSK / Ignatyev                                   | UHBB                    | RS  | BLAGOVESHCHENSK / Ignatyev                  | UHBB                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | BRATSK                                                       | UIBB                    | RS  | BRATSK                                      | UIBB                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | BRYANSK                                                      | UUBP                    | RNS | BRYANSK                                     | UUBP                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|                    | CHEBOKSARY                                                   | UWKS                    | RNS | CHEBOKSARY                                  | UWKS                    | Y                                         | Y                   | Y              | C   | Y                 | F                                |         |
|                    | CHELYABINSK Balandino                                        | USCC                    | RS  | CHELYABINSK Balandino                       | USCC                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | CHEREPOVETS                                                  | ULWC                    | RS  | CHEREPOVETS                                 | ULWC                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|                    | CHITA / Kadala                                               | UIAA                    | RNS | CHITA / Kadala                              | UIAA                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | ELISTA                                                       | URWI                    | RS  | ELISTA                                      | URWI                    | Y                                         | Y                   | N              | C   | N                 | P                                |         |
|                    | GROZNY / Severny                                             | URMG                    | RS  | GROZNY / Severny                            | URMG                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|                    | IRKUTSK                                                      | UIII                    | RS  | IRKUTSK                                     | UIII                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | KALININGRAD Khrabrovo                                        | UMKK                    | RS  | KALININGRAD Khrabrovo                       | UMKK                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | KALUGA/Grabtsevo                                             | UUBC                    | RS  | KALUGA/Grabtsevo                            | UUBC                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|                    | KAZAN                                                        | UWKD                    | RS  | KAZAN                                       | UWKD                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|                    | KEMEROVO                                                     | UNEE                    | RS  | KEMEROVO                                    | UNEE                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | KHABAROVSK / Novy                                            | UHHH                    | RS  | KHABAROVSK / Novy                           | UHHH                    | Y                                         | Y                   | Y              | X   | N                 | F                                |         |
|                    | KHANTY-MANSIYSK                                              | USHH                    | RS  | KHANTY-MANSIYSK                             | USHH                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|                    | KRASNODAR Pashkovskiy                                        | URKK                    | RS  | KRASNODAR Pashkovskiy                       | URKK                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |

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|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                |                                  |         |
| 1     | KRASNOYARSK                                                  | UNKL                    | RS  | KRASNOYARSK                                 | UNKL                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | KURSK / Vostochny                                            | UUOK                    | RNS | KURSK / Vostochny                           | UUOK                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|       | LIPETSK                                                      | UUOL                    | RS  | LIPETSK                                     | UUOL                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|       | MAGADAN / Sokol                                              | UHMM                    | RS  | MAGADAN / Sokol                             | UHMM                    | Y                                         | Y                   | Y              | X   | N                 | F                                |         |
|       | MAGNITOGORSK                                                 | USCM                    | RS  | MAGNITOGORSK                                | USCM                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|       | MAKHACHKALA / Uytash                                         | URML                    | RS  | MAKHACHKALA / Uytash                        | URML                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|       | MINERALNYYE VODY                                             | URMM                    | RS  | MINERALNYYE VODY                            | URMM                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|       | MIRNY                                                        | UERR                    | AS  | MIRNY                                       | UERR                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | MOSCOW Domodedovo                                            | UUDD                    | RS  | MOSCOW Domodedovo                           | UUDD                    | Y                                         | Y                   | Y              | X   | Y                 | F                                |         |
|       | MOSCOW Sheremetyevo                                          | UUEE                    | RS  | MOSCOW Sheremetyevo                         | UUEE                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|       | MOSCOW / Vnukovo                                             | UUWW                    | RS  | MOSCOW / Vnukovo                            | UUWW                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|       | MURMANSK                                                     | ULMM                    | RS  | MURMANSK                                    | ULMM                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | NALCHIK                                                      | URMN                    | RS  | NALCHIK                                     | URMN                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|       | NIZHNEVARTOVSK                                               | USNN                    | RS  | NIZHNEVARTOVSK                              | USNN                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | NIZHNY NOVGOROD / Strigino                                   | UWGG                    | RS  | NIZHNY NOVGOROD / Strigino                  | UWGG                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|       | NORILSK / Alykel                                             | UOOO                    | AS  | NORILSK                                     | UOOO                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | NOVOSIBIRSK Tolmachevo                                       | UNNT                    | RS  | NOVOSIBIRSK Tolmachevo                      | UNNT                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | NOVOKUZNETS Spychenkovo                                      | UNWW                    | RNS | NOVOKUZNETS Spychenkovo                     | UNWW                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | OMSK / Tsentralny                                            | UNOO                    | RS  | OMSK / Tsentralny                           | UNOO                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | ORENBURG                                                     | UWOO                    | RS  | ORENBURG                                    | UWOO                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|       | ORSK                                                         | UWOR                    | RNS | ORSK                                        | UWOR                    | Y                                         | Y                   | Y              | C   | Y                 | F                                |         |
|       | OSTAFYEVO                                                    | UUMO                    | RS  | OSTAFYEVO                                   | UUMO                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|       | PERM / Bolshoe Savino                                        | USPP                    | RS  | PERM / Bolshoe Savino                       | USPP                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | PETROPAVLOVSK-KAMCHATSKY / Yelizovo                          | UHPP                    | RS  | PETROPAVLOVSK-KAMCHATSKY / Yelizovo         | UHPP                    | Y                                         | Y                   | Y              | X   | N                 | F                                |         |
|       | PETROZAVODSK Besovets                                        | ULPB                    | RNS | PETROZAVODSK Besovets                       | ULPB                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|       | POLIARNY                                                     | UERP                    | AS  | POLIARNY                                    | UERP                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|       | PROVIDENIYA BAY                                              | UHMD                    | AS  | PROVIDENIYA BAY                             | UHMD                    | Y                                         | N                   | N              | C   | N                 | P                                | TAF 6H  |
|       | PSKOV                                                        | ULOO                    | RNS | PSKOV                                       | ULOO                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|       | RAMENSKOYE                                                   | UUBW                    | RS  | RAMENSKOYE                                  | UUBW                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |

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|        | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|        |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1      | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|        | ROSTOV-NA-DONU-PLATOV                                        | URRP                    | RS  | ROSTOV-NA-DONU-PLATOV                       | URRP                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | SABETTA                                                      | USDA                    | RS  | SABETTA                                     | USDA                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|        | SALEKHARD                                                    | USDD                    | AS  | SALEKHARD                                   | USDD                    | Y                                         | Y                   | Y              | Y   | N                 | Y                                |         |
|        | SAMARA / Kurumoch                                            | UWW W                   | RS  | SAMARA / Kurumoch                           | UWW W                   | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|        | SANKT-PETERBURG / Pulkovo                                    | ULLI                    | RS  | SANKT-PETERBURG / Pulkovo                   | ULLI                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | SARANSK                                                      | UWPS                    | RNS | SARANSK                                     | UWPS                    | Y                                         | Y                   | Y              | C   | Y                 | F                                |         |
|        | SARATOV / Gagarin                                            | UWSG                    | RS  | SARATOV / Gagarin                           | UWSG                    | Y                                         | Y                   | Y              | C   | Y                 | F                                |         |
|        | SOCHI                                                        | URSS                    | RS  | SOCHI                                       | URSS                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | STAVROPOL Shpakovskoye                                       | URMT                    | RS  | STAVROPOL Shpakovskoye                      | URMT                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|        | SURGUT                                                       | USRR                    | RS  | SURGUT                                      | USRR                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | SYKTYVKAR                                                    | UUYU                    | RS  | SYKTYVKAR                                   | UUYU                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | TOMSK / Bogashevo                                            | UNTT                    | RS  | TOMSK / Bogashevo                           | UNTT                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|        | TYUMEN / Roshchino                                           | USTR                    | RS  | TYUMEN / Roshchino                          | USTR                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | UFA                                                          | UWUU                    | RS  | UFA                                         | UWUU                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|        | ULAN-UDE / Mukhino                                           | UIUU                    | RS  | ULAN-UDE / Mukhino                          | UIUU                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | ULYANOVSK Vostochny                                          | UWLW                    | RS  | ULYANOVSK Vostochny                         | UWLW                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | ULYANOVSK Barat'yevka                                        | UWLL                    | RNS | ULYANOVSK Barat'yevka                       | UWLL                    | Y                                         | Y                   | Y              | T   | Y                 | F                                |         |
|        | VLADIKAVKAZ Beslan                                           | URMO                    | RS  | VLADIKAVKAZ Beslan                          | URMO                    | Y                                         | Y                   | Y              | C   | N                 | P                                |         |
|        | VLADIVOSTOK Knevichi                                         | UHHW                    | RS  | VLADIVOSTOK Knevichi                        | UHHW                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | VOLGOGRAD Gumrak                                             | URWW                    | RS  | VOLGOGRAD Gumrak                            | URWW                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|        | VORONEZH Chertovitskoye                                      | UUOO                    | RS  | VORONEZH Chertovitskoye                     | UUOO                    | Y                                         | Y                   | Y              | C   | N                 | F                                |         |
|        | YAKUTSK                                                      | UEEE                    | RS  | YAKUTSK                                     | UEEE                    | Y                                         | Y                   | Y              | X   | N                 | F                                |         |
|        | YAROSLAVL Tunoshna                                           | UUDL                    | RNS | YAROSLAVL Tunoshna                          | UUDL                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | YEKATERINBURG Koltsovo                                       | USSS                    | RS  | YEKATERINBURG Koltsovo                      | USSS                    | Y                                         | Y                   | Y              | T   | N                 | F                                |         |
|        | YUZHNO-SAKHALINSK Khomutovo                                  | UHSS                    | RS  | YUZHNO-SAKHALINSK Khomutovo                 | UHSS                    | Y                                         | Y                   | Y              | X   | N                 | F                                |         |
| Serbia |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|        | BEOGRAD / Nikola                                             | LYBE                    | RS  | BEOGRAD / Nikola                            | LYBE                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |

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|-----------------|--------------------------------------------------------------|-------------------------|-----|------------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|--------------------|
|                 | Name                                                         | ICAO Location Indicator | Use | Name                                           | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                    |
|                 | 2                                                            | 3                       | 4   | 5                                              | 6                       | 7                                         | 8                   | 9              | 10  | 11                |                                  |                    |
| 1               |                                                              |                         |     |                                                |                         |                                           |                     |                |     |                   |                                  |                    |
|                 | Tesla                                                        |                         |     | Tesla                                          |                         |                                           |                     |                |     |                   |                                  |                    |
|                 | NIS / Konstantin Veliki                                      | LYNI                    | RS  | NIS / Konstantin Veliki                        | LYNI                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |
| <b>Slovakia</b> |                                                              |                         |     |                                                |                         |                                           |                     |                |     |                   |                                  |                    |
|                 | BRATISLAVA / M.R.Stefanik                                    | LZIB                    | RS  | BRATISLAVA / M.R.Stefanik                      | LZIB                    | Y                                         | Y                   | Y              | T   | N                 | F                                |                    |
|                 | KOSICE                                                       | LZKZ                    | RS  | KOSICE                                         | LZKZ                    | Y                                         | N                   | Y              | T   | N                 | F                                |                    |
|                 | PIESTANY                                                     | LZPP                    | RNS | BRATISLAVA / M.R.Stefanik                      | LZIB                    | Y                                         | N                   | N              | C   | N                 | P                                |                    |
|                 | POPRAD-TATRY                                                 | LZTT                    | RNS | BRATISLAVA / M.R.Stefanik                      | LZTT                    | Y                                         | N                   | Y              | T   | N                 | F                                | TREND not 24 hours |
|                 | ZILINA                                                       | LZZI                    | RNS | BRATISLAVA / M.R.Stefanik                      | LZIB                    | Y                                         | N                   | N              | C   | N                 | F                                |                    |
| <b>Slovenia</b> |                                                              |                         |     |                                                |                         |                                           |                     |                |     |                   |                                  |                    |
|                 | LJUBLJANA / Brnik                                            | LJLJ                    | RS  | LJUBLJANA / Brnik                              | LJLJ                    | Y                                         | N                   | Y              | T   | N                 | F                                |                    |
|                 | MARIBOR / Orehova Vas                                        | LJMB                    | RS  | LJUBLJANA / Brnik                              | LJLJ                    | Y                                         | N                   | N              | T   | N                 | F                                |                    |
|                 | PORTOROZ / Secovlje                                          | LJPZ                    | RNS | LJUBLJANA / Brnik                              | LJLJ                    | Y                                         | N                   | N              | C   | N                 | F                                |                    |
| <b>Spain</b>    |                                                              |                         |     |                                                |                         |                                           |                     |                |     |                   |                                  |                    |
|                 | A CORUNA                                                     | LECO                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO) | LESD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |
|                 | ALBACETE                                                     | LEAB                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERÓDROMO)    | LEMC                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |
|                 | ALGECIRAS (Cadiz) (HEL)                                      | LEAG                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |                    |
|                 | ALICANTE / Alicante Elche Miguel Hernandez                   | LEAL                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)  | LEVA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |
|                 | ALMERIA                                                      | LEAM                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |                    |
|                 | ASTURIAS                                                     | LEAS                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO) | LESD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |
|                 | BADAJOS / Talavera La Real                                   | LEBZ                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |                    |
|                 | BARCELONA / Josep Tarradellas Barcelona –                    | LEBL                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE             | LEVA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                    |

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|       | Name                                                         | ICAO Location Indicator | Use | Name                                            | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       | 2                                                            | 3                       | 4   | 5                                               | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
| 1     | El Prat                                                      |                         |     | AERÓDROMO)                                      |                         |                                           |                     |                |     |                   |                                  |         |
|       | BILBAO                                                       | LEBB                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO)  | LESD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | BURGOS / Villafria                                           | LEBG                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERÓDROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | CASTELLON                                                    | LECH                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | CEUTA (HEL CIVIL)                                            | GECE                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)    | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | CIUDAD REAL                                                  | LERL                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERÓDROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | P                                |         |
|       | CORDOBA                                                      | LEBA                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)    | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | EL HIERRO                                                    | GCHI                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | FUERTEVENTURA                                                | GCFV                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | GIRONA                                                       | LEGE                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | GRAN CANARIA                                                 | GCLP                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | GRANADA / Federico Garcia Lorca Granada-Jaen                 | LEGR                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERÓDROMO)    | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | HUESCA / Pirineos                                            | LEHC                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | IBIZA                                                        | LEIB                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | JEREZ                                                        | LEJR                    | RS  | LAS PALMAS (OFICINA                             | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |

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|       | Name                                                         | ICAO Location Indicator | Use | Name                                            | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       |                                                              |                         |     |                                                 |                         |                                           |                     |                |     |                   |                                  |         |
| 1     | 2                                                            | 3                       | 4   | 5                                               | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|       |                                                              |                         |     | METEOROLOGICA DE AERÓDROMO)                     |                         |                                           |                     |                |     |                   |                                  |         |
|       | LA PALMA                                                     | GCLA                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | LANZAROTE / Cesar Manrique Lanzarote                         | GCRR                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | LA GOMERA                                                    | GCGM                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | LEON                                                         | LELN                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | LLEIDA / Alguaire                                            | LEDA                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | MADRID / Adolfo Suarez Madrid-Barajas                        | LEMD                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | Y              | X   | Y                 | F                                |         |
|       | MADRID / Cuatro Vientos (CIV)                                | LECU                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | MADRID / Cuatro Vientos (MIL)                                | LEVS                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | MALAGA / Costa del Sol                                       | LEMG                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERODROMO)    | LESV                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | MELILLA                                                      | GEML                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERODROMO)    | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | MENORCA                                                      | LEMH                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | MURCIA / Aeropuerto de la Region de Murcia                   | LEMI                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERODROMO)    | LESV                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | PALMA DE MALLORCA                                            | LEPA                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | PAMPLONA                                                     | LEPP                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE             | LESD                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |

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|-------|--------------------------------------------------------------|-------------------------|-----|-------------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|       | Name                                                         | ICAO Location Indicator | Use | Name                                            | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       |                                                              |                         |     |                                                 |                         |                                           |                     |                |     |                   |                                  |         |
| 1     | 2                                                            | 3                       | 4   | 5                                               | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|       |                                                              |                         |     | AERÓDROMO)                                      |                         |                                           |                     |                |     |                   |                                  |         |
|       | REUS                                                         | LERS                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | SABADELL                                                     | LELL                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | SALAMANCA                                                    | LESA                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | SAN SEBASTIAN                                                | LESO                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO)  | LESD                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | SANTANDER / Seve Ballesteros Santander                       | LEXJ                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO)  | LESD                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | SANTIAGO / Rosalia de Castro                                 | LEST                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO)  | LESD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | SEVILLA                                                      | LEZL                    | RS  | SEVILLA (OFICINA METEOROLOGICA DE AERODROMO)    | LESV                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | TENERIFE NORTE / Ciudad de la Laguna                         | GCTXO                   | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | TENERIFE SUR                                                 | GCTS                    | RS  | LAS PALMAS (OFICINA METEOROLOGICA DE AERÓDROMO) | GCGC                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | TERUEL                                                       | LETL                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | VALENCIA                                                     | LEVC                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)   | LEVA                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |
|       | VALLADOLID Villanubla                                        | LEVD                    | RS  | MADRID (OFICINA METEOROLOGICA DE AERODROMO)     | LEMC                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|       | VIGO                                                         | LEVX                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO)  | LESD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |         |

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|--------|--------------------------------------------------------------|-------------------------|-----|------------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|        | Name                                                         | ICAO Location Indicator | Use | Name                                           | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|        | 2                                                            | 3                       | 4   | 5                                              | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|        | VITORIA                                                      | LEVT                    | RS  | SANTANDER (OFICINA METEOROLOGICA DE AERÓDROMO) | LESD                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
|        | ZARAGOZA                                                     | LEZG                    | RS  | VALENCIA (OFICINA METEOROLOGICA DE AERÓDROMO)  | LEVA                    | Y                                         | N                   | N              | T   | Y                 | F                                |         |
| Sweden |                                                              |                         |     |                                                |                         |                                           |                     |                |     |                   |                                  |         |
|        | ANGELHOLM                                                    | ESTA                    | RNS | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | ARE OSTERSUND                                                | ESNZ                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | ARVIDSJAUR                                                   | ESNX                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | BORLANGE                                                     | ESSD                    | RNS | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | ESKILSTUNA                                                   | ESSU                    | RNS | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              |     |                   |                                  |         |
|        | GOTEBORG Landvetter                                          | /ESGG                   | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|        | HALMSTAD                                                     | ESMT                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | JONKOPING                                                    | ESGJ                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | Y                   | N              | C   |                   | P                                |         |
|        | KALMAR                                                       | ESMQ                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | KARLSTAD                                                     | ESOK                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | KIRUNA                                                       | ESNQ                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | KRAMFORS-SOLLEFTEA                                           | ESNK                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | KRISTIANSTAD                                                 | ESMK                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | LINKOPING/SAAB                                               | ESSL                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | LULEA / Kallax                                               | ESPA                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | MALMO                                                        | ESMS                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | T   |                   | F                                |         |
|        | NORRKOPING Kungsängen                                        | /ESSP                   | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | OREBRO                                                       | ESOE                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | ORNSKOLDSVIK                                                 | ESNO                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | PAJALA                                                       | ESUP                    | RNS | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              |     |                   |                                  |         |
|        | RONNEBY                                                      | ESDF                    | RNS | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | SALEN/SCANDINAVIEN MOUNTAINS                                 | ESKS                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | SKELLEFTEA                                                   | ESNS                    | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |
|        | STOCKHOLM Arlanda                                            | /ESSA                   | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | Y              | T   |                   | F                                |         |
|        | STOCKHOLM Bromma                                             | /ESSB                   | RS  | STOCKHOLM / Arlanda                            | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |         |

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|-------------|--------------------------------------------------------------|-------------------------|--------|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|-------------------------------------------------------------------|
|             | Name                                                         | ICAO Location Indicator | Use    | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                   |
|             |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                   |
| 1           | 2                                                            | 3                       | 4      | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                |
|             | STOCKHOLM / Skavsta                                          | ESKN                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | T   |                   | F                                |                                                                   |
|             | STOCKHOLM / Vasteras                                         | ESOW                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
|             | SUNDSVALL-TIMRA                                              | ESNN                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
|             | SVEG                                                         | ESND                    | RNS    | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   |                                  |                                                                   |
|             | TROLLHATTAN-VANERSBORG                                       | ESGT                    | RNS    | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
|             | UMEA                                                         | ESNU                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
|             | VAXJO / Kronoberg                                            | ESMX                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
|             | VISBY                                                        | ESSV                    | RS     | STOCKHOLM / Arlanda                         | ESSA                    | Y                                         | N                   | N              | C   |                   | P                                |                                                                   |
| Switzerland |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                   |
|             | BALE-MULHOUSE                                                | LFSB                    | RS     | BALE-MULHOUSE                               | LFSB                    | Y                                         | N                   | Y              | T   | N                 | F                                | MET Services are exclusively provided by French Service Providers |
|             | BERN-BELP                                                    | LSZB                    | RS     | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | BUOCHS                                                       | LSZC                    | RNS    | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | GENEVE                                                       | LSGG                    | RS     | GENEVE                                      | LSGG                    | Y                                         | N                   | Y              | X   | Y                 | F                                |                                                                   |
|             | GRENCHEN                                                     | LSZG                    | RNS    | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | LES EPLATURES                                                | LSGC                    | RNS    | GENEVE                                      | LSGG                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | LUGANO                                                       | LSZA                    | RS     | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | SAMEDAN                                                      | LSZS                    | RNS    | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | Y                 | P                                |                                                                   |
|             | SION                                                         | LSGS                    | RS     | GENEVE                                      | LSGG                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
|             | ST. GALLEN-ALTENRHEIN                                        | LSZR                    | RS     | ZURICH                                      | LSZH                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                   |
| ZURICH      | LSZH                                                         | RS                      | ZURICH | LSZH                                        | Y                       | N                                         | Y                   | X              | Y   | F                 |                                  |                                                                   |
| Tajikistan  |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                   |
|             | DUSHANBE                                                     | UTDD                    | AS     | DUSHANBE                                    | UTDD                    | Y                                         |                     | Y              | T   |                   | F                                |                                                                   |
| Tunisia     |                                                              |                         |        |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                   |
|             | DJERBA / Zarzis                                              | DTTJ                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |                                                                   |
|             | ENFIDHA / Hammamet International Airport                     | DTNH                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |                                                                   |
|             | GABES / Matmata                                              | DTTG                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | C   |                   | F                                |                                                                   |
|             | GAFSA / Ksar                                                 | DTTF                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | C   |                   | F                                |                                                                   |
|             | MONASTIR / Habib Bourguiba                                   | DTMB                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |                                                                   |
|             | SFAX / Thyna                                                 | DTTX                    | RS     | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |                                                                   |

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|---------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|         | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|         |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|         | TABARKA / Ain Draham International Airport                   | DTKA                    | RS  | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | C   |                   | F                                |         |
|         | TOZEUR / Nefta                                               | DTTZ                    | RS  | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |         |
|         | TUNIS / Carthage                                             | DTTA                    | RS  | TUNIS / Carthage                            | DTTA                    | Y                                         |                     | Y              | T   |                   | F                                |         |
| Turkiye |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|         | ADANA                                                        | LTAF                    | RS  | ADANA                                       | LTAF                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | ADIYAMAN                                                     | LTCP                    | RS  | MALATYA                                     | LTAT                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | AGRI / Ahmad-I-Hani                                          | LTCO                    | RS  | KARS / Harakany                             | LTCF                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | AMASYA / Merzifon                                            | LTAP                    | RNS | AMASYA / Merzifon                           | LTAP                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|         | ANKARA / Esenboga                                            | LTAC                    | RS  | ANKARA / Esenboga                           | LTAC                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | ANTALYA                                                      | LTAI                    | RS  | ANTALYA                                     | LTAI                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | AYDIN / Cildir                                               | LTBD                    | AS  | IZMIR / Cigli                               | LTBL                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|         | BALIKESIR / Koca Seyit                                       | LTFD                    | RNS | BALIKESIR/MERKEZ (MIL-CIV)                  | LTBF                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|         | BALIKESIR / Merkez                                           | LTBF                    | RNS | BALIKESIR / Merkez                          | LTBF                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|         | BATMAN                                                       | LTCI                    | RNS | BATMAN                                      | LTCI                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | BINGOL                                                       | LTCU                    | RS  | ELAZIG                                      | LTCA                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | BURSA / Yenisehir                                            | LTBR                    | RNS | BURSA / Yenisehir                           | LTBR                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | CANAKKALE                                                    | LTBH                    | RNS | BALIKESIR/BANDIRMA (MIL-CIV)                | LTBG                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|         | CUKUROVA                                                     | LTDB                    | RS  | CUKUROVA                                    | LTDB                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | DENIZLI / Cardak                                             | LTAY                    | RNS | DENIZLI / Cardak                            | LTAY                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | DIYARBAKIR                                                   | LTCC                    | RNS | DIYARBAKIR                                  | LTCC                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | ELAZIG                                                       | LTCA                    | RNS | ELAZIG                                      | LTCA                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|         | ERZINCAN / Yildirim Akbulut                                  | LTCD                    | RS  | ERZINCAN / Yildirim Akbulut                 | LTCD                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | ERZURUM                                                      | LTCE                    | RNS | ERZURUM                                     | LTCE                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | GAZIANTEP                                                    | LTAJ                    | RNS | GAZIANTEP                                   | LTAJ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|         | GAZIPAZA / Alyana                                            | LTFG                    | RS  | ANTALYA                                     | LTAI                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|         | GOKCEADA                                                     | LTFK                    | AS  | BALIKESIR / Bandirma                        | LTBG                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | HATAY                                                        | LTDA                    | RNS | HATAY                                       | LTDA                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|         | HAKKARI / Yuksekova Selahattin Eyyubi                        | LTCW                    | AS  | VAN / Ferit Melen                           | LTCI                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|         | IGDIR / Sehit Bulent Aydin                                   | LTCT                    | RS  | KARS / Harakani                             | LTCF                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|         | ISPARTA / Suleyman Demirel                                   | LTFC                    | RNS | ANTALYA                                     | LTAI                    | Y                                         | N                   | N              | T   | N                 | F                                |         |

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|-------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|       |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1     | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|       | ISTANBUL / Ataturk                                           | LTBA                    | RS  | ISTANBUL / Istanbul Havalimani              | LTFM                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | ISTANBUL / Istanbul Havalimani                               | LTFM                    | RS  | ISTANBUL / Istanbul Havalimani              | LTFM                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|       | ISTANBUL / Sabiha Gokcen                                     | LTFJ                    | RS  | ISTANBUL / Sabiha Gokcen                    | LTFJ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | IZMIR / Adnan Menderes                                       | LTBJ                    | RS  | IZMIR / Adnan Menderes                      | LTBJ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | KAHRAMANMARAS                                                | LTCN                    | RNS | ADANA                                       | LTAF                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|       | KAPADOKYA                                                    | LTAZ                    | RNS | KAYSRI                                      | LTAU                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | KARS / Harakani                                              | LTCF                    | RNS | KARS / Harakani                             | LTCF                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|       | KASTAMONU                                                    | LTAL                    | RS  | SAMSUN / Carsamba                           | LTFH                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | KAYSERI                                                      | LTAU                    | RNS | KAYSERI                                     | LTAU                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | KOCAELI / Cengiz Topel                                       | LTBQ                    | RNS | KOCAELI / Cengiz Topel                      | LTBQ                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|       | KONYA                                                        | LTAN                    | RNS | KONYA                                       | LTAN                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|       | KUTAHYA / Zafer Bolgesel                                     | LTBZ                    | RNS | ESKISEHIR (MIL)                             | LTBI                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | MALATYA                                                      | LTAT                    | RNS | MALATYA                                     | LTAT                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | MARDIN / Prof. Dr. Aziz Sancar                               | LTCR                    | RS  | DIYARBAKIR                                  | LTCC                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | MUGLA / Dalaman                                              | LTBS                    | RS  | MUGLA / Dalaman                             | LTBS                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | MUGLA / Milas-Bodrum                                         | LTFE                    | RS  | MUGLA / Milas-Bodrum                        | LTFE                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | MUS / Sultan Alparslan                                       | LTCK                    | RNS | VAN / Ferit Melen                           | LTCI                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | ORDU-GIRESUN                                                 | LTCB                    | RS  | ORDU-GIRESUN                                | LTCB                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|       | RIZVE-ARTVIN                                                 | LTFO                    | RS  | TRABZON                                     | LTCG                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|       | SAMSUN / Carsamba                                            | LTFH                    | RNS | SAMSUN / Carsamba                           | LTFH                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
|       | SANLIURFA / Gap                                              | LTCS                    | RNS | DIYARBAKIR                                  | LTCC                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | SINOP                                                        | LTCM                    | RNS | SAMSUN / Carsamba                           | LTFH                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | SIVAS / Nuri Demirag                                         | LTAR                    | RNS | KAYSERI                                     | LTAU                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|       | SIIRT                                                        | LTCL                    | AS  | BATMAN                                      | LTCJ                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | SIRNAK / Serafettin Elci                                     | LTCV                    | AS  | BATMAN                                      | LTCJ                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | TEKIRDAG / Corlu                                             | LTBU                    | RNS | ISTANBUL / Istanbul Havalimani              | LTFM                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|       | TOKAT                                                        | LTAW                    | AS  | AMASYA / Merzifon                           | LTAW                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|       | TRABZON                                                      | LTCG                    | RS  | TRABZON                                     | LTCG                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|       | USAK                                                         | LTBO                    | RNS | DENIZLI / Cardak                            | LTAY                    | Y                                         | N                   | N              | C   | N                 | P                                |         |

| STATE               | AOP aerodrome where meteorological service is to be provided |                         |     | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment                                                                                                                |
|---------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
|                     | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |                                                                                                                        |
|                     | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13                                                                                                                     |
| 1                   | VAN / Ferit Melen                                            | LTCI                    | RNS | VAN / Ferit Melen                           | LTCI                    | Y                                         | N                   | Y              | C   | N                 | F                                |                                                                                                                        |
|                     | ZONGULDAK Caycuma                                            | /LTAS                   | RNS | ANKARA / Esenboga                           | LTAC                    | Y                                         | N                   | N              | C   | N                 | P                                |                                                                                                                        |
| <b>Turkmenistan</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                                                        |
|                     | ASHGABAT                                                     | UTAA                    | RS  | ASHGABAT                                    | UTAA                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
|                     | DASHOGUZ                                                     | UTAT                    | RS  | DASHOGUZ                                    | UTAT                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
|                     | KERKI                                                        | UTAE                    | ANS | KERKI                                       | UTAE                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
|                     | MARY                                                         | UTAM                    | RS  | MARY                                        | UTAM                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
|                     | TURKMENABAT                                                  | UTAV                    | RS  | TURKMENABAT                                 | UTAV                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
|                     | TURKMENBASHI                                                 | UTAK                    | RS  | TURKMENBASHI                                | UTAK                    | Y                                         | Y                   | Y              | T   |                   | F                                |                                                                                                                        |
| <b>Ukraine</b>      |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                                                        |
|                     | CHERNIVTSI                                                   | UKLN                    | RNS | CHERNIVTSI                                  | UKLN                    | Y                                         | N                   | Y              | C   | Y                 | P                                | For all Temperature Tx, Tn, column 11, included when T is between -5°C to +5°C or greater than 25°C or less than -25°C |
|                     | DNIPRO                                                       | UKDD                    | RS  | DNIPRO                                      | UKDD                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | IVANO-FRANKIVS'K                                             | UKLI                    | RNS | IVANO-FRANKIVS'K                            | UKLI                    | Y                                         | N                   | Y              | C   | Y                 | P                                |                                                                                                                        |
|                     | KHARKIV / Osnova                                             | UKHH                    | RS  | KHARKIV / Osnova                            | UKHH                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | KHERSON                                                      | UKOH                    | RS  | KHERSON                                     | UKOH                    | Y                                         | N                   | Y              | C   | Y                 | P                                |                                                                                                                        |
|                     | KRYVYI RIH / Lozuvatka                                       | /UKDR                   | RNS | KRYVYI RIH / Lozuvatka                      | /UKDR                   | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | KYIV / Antonov-2                                             | UKKM                    | RNS | KYIV / Antonov-2                            | UKKM                    | Y                                         | N                   | Y              | T   | Y                 | P                                | AUTO-METAR without TREND outside OPS hours                                                                             |
|                     | KYIV / Boryspil                                              | UKBB                    | RS  | KYIV / Boryspil                             | UKBB                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | KYIV / Zhuliany                                              | UKKK                    | RS  | KYIV / Zhuliany                             | UKKK                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | L'VIV                                                        | UKLL                    | RS  | L'VIV                                       | UKLL                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | MYKOLAIV                                                     | UKON                    | RNS | MYKOLAIV                                    | UKON                    | Y                                         | N                   | Y              | C   | Y                 | P                                |                                                                                                                        |
|                     | ODESA                                                        | UKOO                    | RS  | ODESA                                       | UKOO                    | Y                                         | N                   | Y              | T   | Y                 | F                                |                                                                                                                        |
|                     | RIVNE                                                        | UKLR                    | RNS | RIVNE                                       | UKLR                    | Y                                         | N                   | Y              | C   | Y                 | P                                |                                                                                                                        |
|                     | SEVASTOPOL' / Bel'bek                                        | UKFB                    | -   |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                                                        |
|                     | SIMFEROPOL                                                   | UKFF                    | -   |                                             |                         |                                           |                     |                |     |                   |                                  |                                                                                                                        |
|                     | UZHHOROD                                                     | UKLU                    | RNS | UZHHOROD                                    | UKLU                    | Y                                         | N                   | Y              | C   | Y                 | P                                | Aerodrome temporarily closed                                                                                           |

| STATE                 | AOP aerodrome where meteorological service is to be provided |                         |     | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment |
|-----------------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|                       | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|                       | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|                       | VINNYTSIA/Gavryshivka                                        | UKWW                    | RNS | VINNYTSIA/Gavryshivka                       | UKWW                    | Y                                         | N                   | Y              | C   | Y                 | P                                |         |
|                       | ZAPORIZHZHIA /Mokraya                                        | UKDE                    | RS  | ZAPORIZHZHIA /Mokraya                       | UKDE                    | Y                                         | N                   | Y              | C   | Y                 | F                                |         |
| <b>United Kingdom</b> |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|                       | ABERDEEN / Dyce                                              | EGPD                    | RS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|                       | BELFAST / Aldergrove                                         | EGAA                    | RS  | BELFAST / Aldergrove                        | EGAA                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | BELFAST / City                                               | EGAC                    | RS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | BIGGIN HILL                                                  | EGKB                    | RNS | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | BIRMINGHAM                                                   | EGBB                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | BLACKPOOL                                                    | EGNH                    | RNS | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | BOURNEMOUTH                                                  | EGHH                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | BRISTOL                                                      | EGGD                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | CARDIFF                                                      | EGFF                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | DURHAM TEES VALLEY                                           | EGNV                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | EAST MIDLANDS                                                | EGNX                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | EDINBURGH                                                    | EGPH                    | RS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | EXETER                                                       | EGTE                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | GLASGOW                                                      | EGPF                    | RS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | GUERNSEY                                                     | EGJB                    | RS  | JERSEY MET OFFICE                           | EGJX                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | HUMBERSIDE                                                   | EGNJ                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | ISLE OF MAN                                                  | EGNS                    | RS  | ISLE OF MAN                                 | EGNS                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|                       | JERSEY                                                       | EGJJ                    | RS  | JERSEY MET OFFICE                           | EGJX                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | KIRKWALL                                                     | EGPA                    | AS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|                       | LEEDS BRADFORD                                               | EGNM                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | LIVERPOOL                                                    | EGGP                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | LONDON / City                                                | EGLC                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|                       | LONDON / Gatwick                                             | EGKK                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | X   | N                 | F                                |         |
|                       | LONDON / Heathrow                                            | EGLL                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|                       | LONDON / Luton                                               | EGGW                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|                       | LONDON / Stansted                                            | EGSS                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | X   | N                 | F                                |         |
|                       | LYDD                                                         | EGMD                    | RNS | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |

| STATE      | AOP aerodrome where meteorological service is to be provided |                         |     | Responsible aerodrome meteorological office |                         | Observations and forecasts to be provided |                     |                |     |                   | METAR/SPECI and TAF availability | Comment |
|------------|--------------------------------------------------------------|-------------------------|-----|---------------------------------------------|-------------------------|-------------------------------------------|---------------------|----------------|-----|-------------------|----------------------------------|---------|
|            | Name                                                         | ICAO Location Indicator | Use | Name                                        | ICAO Location Indicator | METAR/SPECI                               | State of the runway | Trend forecast | TAF | Temperature Tx/Tn |                                  |         |
|            |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
| 1          | 2                                                            | 3                       | 4   | 5                                           | 6                       | 7                                         | 8                   | 9              | 10  | 11                | 12                               | 13      |
|            | MANCHESTER                                                   | EGCC                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | Y              | X   | N                 | F                                |         |
|            | NEWCASTLE                                                    | EGNT                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|            | NORWICH                                                      | EGSH                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | Y              | C   | N                 | P                                |         |
|            | PRESTWICK                                                    | EGPK                    | RS  | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | N              | T   | N                 | F                                |         |
|            | SHOREHAM                                                     | EGKA                    | RNS | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|            | SOUTHAMPTON                                                  | EGHI                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | P                                |         |
|            | SOUTHEND                                                     | EGMC                    | RS  | MET OFFICE EXETER                           | EGRR                    | Y                                         | N                   | N              | C   | N                 | F                                |         |
|            | SUMBURGH                                                     | EGPB                    | RNS | MET OFFICE ABERDEEN                         | EGRQ                    | Y                                         | N                   | Y              | C   | N                 | F                                |         |
| Uzbekistan |                                                              |                         |     |                                             |                         |                                           |                     |                |     |                   |                                  |         |
|            | BUKHARA                                                      | UTSB                    | RS  | SAMARKAND                                   | UTSS                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|            | SAMARKAND                                                    | UTSS                    | RS  | SAMARKAND                                   | UTSS                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|            | TASHKENT / Uzhny                                             | UTTT                    | RS  | TASHKENT / Uzhny                            | UTTT                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|            | TERMEZ                                                       | UTST                    | RS  | SAMARKAND                                   | UTSS                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|            | URGENCH                                                      | UTNU                    | RS  | URGENCH                                     | UTNU                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |
|            | NUKUS                                                        | UTNN                    | RS  | NUKUS                                       | UTNN                    | Y                                         | N                   | Y              | T   | N                 | F                                |         |

**TABLE MET II-3 – VHF VOLMET BROADCASTS****EUR VHF VOLMET BROADCASTS****EXPLANATION OF THE TABLE**

The transmitting station appears at the top of each block.

Names in lower case letters indicate aerodromes for which reports (routine or selected special) are required.

Names in upper-case letters indicate aerodromes for which forecasts are required.

The following Notes have been used:

(1) when operational

(2) Transmitting stations reporting the height of cloud base in metres are identified by and asterisk (\*).

| ADANA                                                                                                         | ALGER                                                                                  | ALICANTE                                                                                                                                                                                         | AMSTERDAM                                                                                                                                      | ANKARA/<br>City                                                                                                  | ANKARA/<br>Esenboga                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 126.250 MHz                                                                                                   | 126.8 MHz                                                                              | 126.000 MHz                                                                                                                                                                                      | 126.200 MHz                                                                                                                                    | 127.375 MHz                                                                                                      | 127.000 MHz                                                                                                                                                |
| Adana<br>Gaziantep<br>Kayseri<br>Malatya<br>Elazig<br>Diyarbakir<br>Sanliurfa/Gap<br><br>SIGMET<br>Ankara FIR | Madrid<br>Palma<br>Malaga<br>Valencia<br>Alicante<br>Ibiza<br>Granada<br>Alger<br>Oran | Madrid/Adolfo Suarez<br>Madrid-Barajas<br>Palma de Mallorca<br>Malaga/Costa del Sol<br>Valencia<br>Alicante-Elche<br>Ibiza<br>Granada/Federico<br>Garcia Lorca Granada-<br>Jaen<br>Alger<br>Oran | Amsterdam<br>Rotterdam<br>Bruxelles<br>Duesseldorf<br>Paris/Charles-de-<br>Gaulle<br>London/Heathrow<br>London/Gatwick<br>Kobenhavn<br>Hamburg | Ankara/Esenboga<br>Samsun/Carsamba<br>Konya<br>Sivas<br>Kayseri<br>Tokat<br>Erzincan<br><br>SIGMET<br>Ankara FIR | Ankara/Esenboga<br>Istanbul<br>Izmir/Adnan<br>Menderes<br>Beirut<br>Larnaeka<br>Antalya<br>Samsun/Carsamba<br>Adana<br>Trabzon<br><br>SIGMET<br>Ankara FIR |

| ATHINAI                                                                                                                                                                                                                  | BAKU                                                                                                 | BANJA LUKA                                | BARCELONA                                                                                                                                                       | BEN GURION                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 127.800 MHz                                                                                                                                                                                                              | 114.1 MHz                                                                                            | 135.775 MHz                               | 127.600 MHz                                                                                                                                                     | 126.800 MHz                                       |
| Athinai/Eleftherios Venizelos<br>Thessaloniki/Makedonia<br>Andravida<br>Rodod/Diagoras<br>Iraklion/Nikos Kazantzakis<br>Kerkira/Ioannis Kapodistrias<br>Larnaka/International<br>Cairo/International<br>Istanbul/Ataturk | Baku<br>Ganja<br>Nakhchivan<br>Tbilisi<br>Tehran<br>Ashgabat<br>Turkmenbashi<br>Alma Ata<br>ntTashke | Banja Luka<br>Mostar<br>Sarajevo<br>Tuzla | Madrid/Adolfo Suarez<br>Madrid-Barajas<br>Barcelona/El Prat<br>Palma de Mallorca<br>Malaga/Costa del Sol<br>Ibiza<br>Girona<br>Menorca<br>Toulouse<br>Marseille | Ben Gurion<br>Athens<br>Larnaeka<br>Eilat<br>Ovda |

| BEOGRAD                                                                                                     | BERLIN                                                                                                       | BORYSPIL*                                                         | BRATISLAVA                                                                                   |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 126.400 MHz                                                                                                 | 128.405                                                                                                      | 129.375 MHz                                                       | 126.200 MHz                                                                                  |
| Beograd<br>Nis<br>Zagreb<br>Podgorica<br>Sarajevo<br>Budapest<br>Bucuresti/Otopeni<br>Sofia<br>Thessaloniki | Berlin Brandenburg<br>Dresden<br>Leipzig-Halle<br>Nuernberg<br>Praha/Ruzyně<br>Kobenhavn<br>Warszawa<br>Wien | Chisinau<br>Kyiv/Boryspil<br>L'viv<br>Odesa<br>SIGMET<br>Kyiv FIR | Bratislava<br>Praha/Ruzyně<br>Kosice<br>Poprad-Tatry<br>Piestany<br>Zilina<br>Ostrava/Mosnov |

| BREMEN                                                                                                        | BRINDISI                                                                                                         | BRUXELLES                                                                                                                   | BUCURESTI*                                                                                                               |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| 127.405                                                                                                       | 127.600 MHz                                                                                                      | 127.800 MHz                                                                                                                 | 126.800 MHz                                                                                                              |
| Hannover<br>Hamburg<br>Bremen<br>Koeln/Bonn<br>Frankfurt/Main<br>Berlin Brandenburg<br>Amsterdam<br>Kobenhavn | Brindisi<br>Pisa<br>Roma/Fiumicino<br>Roma/Ciampino<br>Napoli<br>Athinai<br>Thessaloniki<br>Kerkira<br>Andravida | Bruxelles<br>Oostende<br>London/Heathrow<br>Luxembourg<br>Amsterdam<br>Paris/Orly<br>Frankfurt<br>Koeln/Bonn<br>Duesseldorf | Bucuresti/Otopeni<br>Bucuresti/Baneasa<br>Constanta<br>Timisoara<br>Beograd<br>Budapest<br>Sofia<br>Chisinau<br>Istanbul |

| BUDAPEST                                                                                                                              | CASABLANCA                                                                                                                             | CHITA*                                                                | DNIPRO*                                                                                                       | DUBLIN                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 127.400 MHz                                                                                                                           | 127.6 MHz                                                                                                                              | 128.300 MHz                                                           | 126.450 MHz                                                                                                   | 127.000 MHz                                                                                                     |
| Budapest<br>Praha/Ruzyne<br>Bratislava<br>Arad<br>Bucuresti/Otopeni<br>Beograd<br>Sofia<br>Warszawa<br>Wien<br><br>SIGMET<br>Budapest | Casablanca/Mohamed V<br>Rabat/Sale<br>Fes<br>Marrakech<br>Tanger<br>Agadir<br>Oujda<br>Las Palmas De Gran Canaris<br>Málaga<br>Sevilla | Irkutsk<br>Ulan-Ude<br>Chita<br>Yakutsk<br>Chulman<br>Blagoveshchensk | Dnipro<br>Kyiv/Boryspil<br>Kyiv/Zhuliany<br>Odesa<br><br>SIGMET<br>Dnipro FIR<br><br>SIGMET<br>Simferopol FIR | Dublin<br>Shannon<br>Cork<br>Belfast<br>Glasgow<br>Prestwick<br>Manchester<br>London/Heathrow<br>London/Gatwick |

| EKOFISK                                       | ERZURUM                                                                                          | FRANKFURT/1                                                                                                                      | FRANKFURT/2                                                                                                        | GENEVE                                                                                                                                 |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 118.975 MHz                                   | 127.275 MHz                                                                                      | 127.605                                                                                                                          | 135.780                                                                                                            | 126.800 MHz                                                                                                                            |
| Ekofisk<br>Stavanger/Sola<br>Haugesund/Karmoy | Erzurum<br>Elazig<br>Erzincan<br>Kars/Harakani<br>Agri<br>Van<br>Mus<br><br>SIGMET<br>Ankara FIR | Frankfurt/Main<br>Bruxelles<br>Amsterdam<br>Zürich<br>Genève<br>Bâle-Mulhouse<br>Wien<br>Praha/Ruzyne<br>Paris/Charles-de-Gaulle | Frankfurt/Main<br>Koeln/Bonn<br>Duesseldorf<br>Stuttgart<br>Nuernberg<br>Muenchen<br>Hamburg<br>Berlin Brandenburg | Genève<br>Zürich<br>Bâle-Mulhouse<br>Nice<br>Lyon/Satolas<br>Paris/Charles-de-Gaulle<br>Paris/Orly<br>Milano/Linate<br>Milano/Malpensa |

| IRKUTSK*                                              | ISTANBUL/Ataturk                                                                                                                                                                                                      | IZMIR/Adnan Menderes                                                                                                                    | JÖNKÖPING                                                                                                                            |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 125.475 MHz                                           | 127.400 MHz                                                                                                                                                                                                           | 127.925 MHz                                                                                                                             | 127.200 MHz                                                                                                                          |
| Irkutsk<br>Chita<br>Bratsk<br>Ulan-Ude<br>Krasnoyarsk | Istanbul/Ataturk<br>Ankara/Esenboga<br>Izmir/Adnan Menderes<br>Milas-Bodrum<br>Bursa/Yenisehir<br>Istanbul/Sabiha Gokcen<br>Antalya<br>Dalaman<br>Athinai<br>Sofia<br>Bucuresti/Otopeni<br><br>SIGMET<br>Istanbul FIR | Izmir/Adnan Menderes<br>Istanbul/Ataturk<br>Ankara/Esenboga<br>Antalya<br>Konya<br>Denizli/Cardak<br>Usak<br><br>SIGMET<br>Istanbul FIR | Stockholm/Arlanda<br>Stockholm/Bromma<br>Stockholm/Skavsta<br>Göteborg/Landvetter<br>Malmö/Sturup<br>Jönköping<br>Kalmar<br>Karlstad |

| KHABAROVSK*                                                                                                                          | L'VIV*                                                                                       | KOBENHAVN                                                                                                           | LAS PALMAS                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 127.875 MHz                                                                                                                          | 133.325 MHz                                                                                  | 127.000 MHz                                                                                                         | 126.200 MHz                                                                                                                                                                    |
| Khabarovsk<br>Blagoveshchensk<br>Vladivostok<br>Vozdvizhenka<br>Komsomolsk-na-Amure<br>Okha<br>Yuzhno-Sakhalinsk<br>Chita<br>Irkutsk | Kyiv/Boryspil<br>L'viv<br>Ivano-Frankivs'k<br>Bratislava<br>Odesa<br><br>SIGMET<br>L'viv FIR | Kobenhavn<br>Billund<br>Alborg<br>Hamburg<br>Malmö<br>Göteborg<br>Stockholm/Arlanda<br>Oslo/Gardermoen<br>Stavanger | Gran Canaria<br>Tenerife Norte<br>Tenerife Sur/Reina Sofía<br>Fuerteventura<br>Lanzarote<br>Casablanca<br>Marrakech<br>Agadir<br>Madrid/Adolfo Suárez Madrid-Barajas<br>Lisboa |

| LISBOA                                                                                                       | LONDON (North)                                                                                                                              | LONDON (South)                                                                                                            | LONDON (Main)                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| 126.400 MHz                                                                                                  | 126.600 MHz                                                                                                                                 | 128.600 MHz                                                                                                               | 135.375 MHz                                                                                                                                  |
| Lisboa<br>Porto<br>Faro<br>Sevilla<br>Madrid<br>Las Palmas<br>Tenerife/Reina Sofía<br>Funchal<br>Porto Santo | Duham Tees Valley<br>East Midlands<br>Humberside<br>Isle of Man<br>Leeds-Bradford<br>Liverpool<br>London Gatwick<br>Manchester<br>Newcastle | Birmingham<br>Bournemouth<br>Bristol<br>Cardiff<br>Jersey<br>London Luton<br>Norwich<br>Southampton<br>Southend<br>Exeter | Amsterdam<br>Bruxelles<br>Dublin<br>Glasgow<br>London Gatwick<br>London Heathrow<br>London Stansted<br>Manchester<br>Paris/Charles-de-Gaulle |

| MADRID                                                                                                                                                       | MAGADAN*                                                                                              | MALTA                                                                                  | MILANO                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 126.200 MHz                                                                                                                                                  | 126.200 MHz                                                                                           | 126.800 MHz                                                                            | 126.600 MHz                                                                                                                |
| Madrid/Adolfo Suárez<br>Madrid-Barajas<br>Barcelona/El Prat<br>Sevilla<br>Málaga/Costa del Sol<br>Valencia<br>Alicante-Elche<br>Bilbao<br>Lisboa<br>Bordeaux | Magadan/Sokol<br>Petropavlovsk-Kamchatsky<br>Chaybukha<br>Seymchan<br>Okhotsk<br>Khabarovsk<br>Anadyr | Malta<br>Catina<br>Napoli<br>Roma/Fiumicino<br>Palermo<br>Tunis<br>Tripoli<br>Benghazi | Milano/Linate<br>Milano/Malpensa<br>Torino<br>Genova<br>Venezia<br>Pisa<br>Roma/Fiumicino<br>Bergamo/Orio al Serio<br>Nice |

| MOSCOW*                                                                                                                                   | NAMANGAN                                                                                                                   | NAVOI                                                                                                                      | NICOSIA                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| 127.875 MHz                                                                                                                               | 116.0 MHz                                                                                                                  | 113.8 MHz                                                                                                                  | 127.200 MHz                                                                              |
| Moscow/Sheremetyevo<br>Moscow/Vnukovo<br>Moscow/Domodedovo<br>Boryspil<br>Warszawa<br>Helsinki<br>Sankt-<br>Petersburg/Pulkovo<br>Vilnius | Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana | Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana | Larnaka<br>Pafos<br>Athina<br>Rhodos<br>Beirut<br>Damascus<br><br>Tel Aviv<br>Nicosia(1) |

| NOVOSIBIRSK*                                                                  | PISA                                                                                             | RIGA                                                                                                                                                                                      | PRAHA                                                                                                                                                  |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 128.300 MHz                                                                   | 128.400 MHz                                                                                      | 127.650 MHz                                                                                                                                                                               | 128.605 MHz                                                                                                                                            |
| Novosibirsk/Tolmachevo<br>Krasnoyarsk/Emelyanovo<br>Barnaul<br>Omsk<br>Abakan | Pisa<br>Venezia<br>Trieste<br>Bologna<br>Rimini<br>Zürich<br>Genève<br>Bâle-Mulhouse<br>Muenchen | Riga<br>Vilnius/International<br>Lennart Meri Tallinn<br>Helsinki-Vantaa<br>Chopina w Warszawie<br>Stockholm/Arlanda<br>Sankt-Petersburg/Pulkovo<br>Moscow/Sheremetyevo<br>Moscow/Vnukovo | PRAHA/Ruzyne<br>BRNO/Turany<br>OSTRAVA/Mosnov<br>Karlovy Vary<br>Pardubice<br>Kunovice<br>Ceske Budejovice<br>WIEN<br>DRESEN<br>MUENCHEN<br>BRATISLAVA |

| ROMA                                                                                                                  | SAMARA*                                                                                       | SAMARKAND                                                                                                                  | SAMSUN/Carsamba                                                                             | SANTIAGO                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| 126.000 MHz                                                                                                           | 126.875 MHz                                                                                   | 115.0 MHz                                                                                                                  | 125.275 MHz                                                                                 | 126.600 MHz                                                                                                                       |
| Roma/Ciampino<br>Roma/Fiumicino<br>Napoli<br>Catania<br>Palermo<br>Milano/Linate<br>Milano/Malpensa<br>Malta<br>Tunis | Samara<br>Ulyanovsk<br>Kazan<br>Ufa<br>Orenburg<br>Saratov<br>Nizhny<br>Novgorod<br>Volgograd | Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana | Samsun/Carsamba<br>Ankara/Esenboga<br>Trabzon<br>Sivas<br>Tokat<br><br>SIGMET<br>Ankara FIR | Madrid/Adolfo Suárez<br>Madrid-Barajas<br>Barcelona/El Prat<br>Asturias<br>Santiago<br>Lisboa<br>Porto<br>Faro<br>Brest<br>Nantes |

| S.-PETERSBURG*                                                                                                                        | SCOTTISH                                                                                                                          | SEVILLA                                                                                                                                   | SIVAS                                                                                                     | ODESA*                                                                                                   | SOFIA                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| 125.875 MHz                                                                                                                           | 125.725 MHz                                                                                                                       | 127.000 MHz                                                                                                                               | 124.050 MHz                                                                                               | 126.375 MHz                                                                                              | 126.600 MHz                                                                                                 |
| Sankt-Petersburg/Pulkovo<br>Moscow/Sheremetyevo<br>Moscow/Vnukovo<br>Minsk<br>Kaliningrad<br>Vilnius<br>Stockholm/Arlanda<br>Helsinki | Aberdeen/Dyce<br>Belfast/Aldergrove<br>Edinburgh<br>Glasgow<br>Inverness<br>London/Heathrow<br>Prestwick<br>Stornoway<br>Sumburgh | Madrid/Adolfo Suárez<br>Madrid-Barajas<br>Sevilla<br>Málaga/Costa del Sol<br>Gibraltar<br>Lisboa<br>Faro<br>Casablanca<br>Tanger<br>Rabat | Sivas<br>Ankara/Esenboga<br>Malatya<br>Kayseri<br>Tokat<br>Elazig<br>Erzincan<br><br>SIGMET<br>Ankara FIR | Kyiv/Boryspil<br>Odesa<br>Istanbul<br>Chisinau<br>Bucharest<br><br>SIGMET<br>Odesa FIR<br>Simferopol FIR | Sofia<br>Varna<br>Burgas<br>Plovdiv<br>Beograd<br>Bucuresti/Otopeni<br>Istanbul<br>Thessaloniki<br>Budapest |

| STOCKHOLM                                                                                                                           | SUNDSVALL                                                                                                                                        | TUNIS                                                                    | VLADIVOSTOK*                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 127.600 MHz                                                                                                                         | 127.800 MHz                                                                                                                                      | 126.6 MHz                                                                | 126.400 MHz                                                                                                      |
| Stockholm/Arlanda<br>Norrköping<br>Malmö/Sturup<br>Köpenhamn<br>Göteborg/Landvetter<br>Oslo/Gardemoen<br>Helsinki<br>Turku<br>Visby | Stockholm/Arlanda<br>Stockholm/Bromma<br>Sundsvall-Härnösand<br>Umeå<br>Östersund/Frösön<br>Örnsköldsvik<br>Skellefteå<br>Luleå/Kallax<br>Kiruna | Tunis/Carthage<br>Jerba/Zarzis<br>Monastir/HabibBourgiba<br>Sfax/El Maou | Vladivostok<br>Khabarovsk<br>Yuzhno-Sakhalinsk<br>Vozdvizhenka<br>Blagoveshchensk<br>Komsomolsk-na-Amure<br>Okha |

| TASHKENT                                                                                                                   | TERMEZ                                                                                                                     | URGENCH                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| 113.2 MHz                                                                                                                  | 113.4 MHz                                                                                                                  | 114.2 MHz                                                                                                                  |
| Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana | Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana | Tashkent/Uzhny<br>Samarkand<br>Namangan<br>Bukhara<br>Navoi<br>Karshi<br>Termez<br>Urgench<br>Nukus<br>Andizhan<br>Fergana |

| WARSZAWA                                                                                                                                            | WIEN                                                                                           | ZAGREB                                                                                                    | ZÜRICH                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 126.550 MHz                                                                                                                                         | 126.000 MHz                                                                                    | 127.800 MHz                                                                                               | 127.200 MHz                                                                                                                     |
| Warszawa<br>Poznan<br>Gdansk<br>Moscow/Sheremetyevo<br>Budapest<br>Praha/Ruzyne<br>Berlin Brandenburg<br>Kobenhavn<br>Stockholm/Arlanda<br>WARSZAWA | Wien<br>Linz<br>Salzburg<br>Graz<br>Klagenfurt<br>Bratislava<br>Budapest<br>Zagreb<br>Muenchen | Zagreb<br>Ljubljana<br>Beograd<br>Dubrovnik<br>Split<br>Pula<br>Zürich<br>Muenchen<br>Frankfurt<br>ZAGREB | Zürich<br>Genève<br>Bâle-Mulhouse<br>Frankfurt<br>Muenchen<br>Stuttgart<br>Milano/Malpensa<br>Milano/Linate<br>Lugano<br>ZÜRICH |

**EUR HF VOLMET BROADCASTS****EXPLANATION OF THE TABLE**

The name of the transmitting station is given at the top of each column.

Names in lower case letters indicate aerodromes for which reports (routine or selected special) are required.

Names in upper-case letters indicate aerodromes for which forecasts are required.

The routine meteorological reports include temperature, dew point, QNH and trend-type landing forecasts as available.

Transmitting stations reporting the height of cloud base in metres are identified by an asterisk (\*).

Frequencies: 4 663 kHz, 10 090 kHz, 13 279 kHz

| TASHKENT                                                                                  |
|-------------------------------------------------------------------------------------------|
| 10-15 40-45                                                                               |
| Tashkent<br>Samarkand<br>Buhkara<br>Urgench<br>Ashgabat<br>Manas<br>Dushanbe<br>Khudzhand |

**TABLE MET II-EUR-1 -OFFSHORE STRUCTURES**

## EXPLANATION OF THE TABLE

**Column**

- 1 Name of the State where meteorological service is required
- 2 Name of the offshore structure where meteorological service is required  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 3 ICAO location indicator of the offshore structure
- 4 Latitude of the offshore structure (in the form Nnnnn or Snnnn)
- 5 Longitude of the offshore structure (in the form Ennnnn or Wnnnnn)
- 6 Name of the meteorological office responsible for the provision of meteorological service  
*Note: The name is extracted from the ICAO Location Indicators (Doc 7910) updated quarterly. If a State wishes to change the name appearing in Doc 7910 and this table, ICAO should be notified officially.*
- 7 ICAO location indicator of the responsible meteorological office
- 8 Availability of information on the sea surface temperature as supplementary information in METAR/SPECI from the offshore structure concerned, where:  
Y – Yes, available  
N – No, not available
- 9 Availability of information on the state of the sea or significant wave height as supplementary information in METAR/SPECI from the offshore structure concerned, where:  
Y – Yes, available  
N – No, not available
- 10 Availability of forecasts from the offshore structure concerned, where:  
Y – Yes, available  
N – No, not available

| State                          | Offshore structure where meteorological service is to be provided |                         |          |           | Responsible meteorological office |                         | Availability of supplementary information in METAR/SPECI |                                             | Availability of forecasts |
|--------------------------------|-------------------------------------------------------------------|-------------------------|----------|-----------|-----------------------------------|-------------------------|----------------------------------------------------------|---------------------------------------------|---------------------------|
|                                | Name                                                              | ICAO Location Indicator | Latitude | Longitude | Name                              | ICAO Location Indicator | Sea surface temperature                                  | State of the sea or significant wave height |                           |
| 1                              | 2                                                                 | 3                       | 4        | 5         | 6                                 | 7                       | 8                                                        | 9                                           | 10                        |
| <b>Denmark</b>                 | TYRA AFIS                                                         | EKG F                   | N5543    | E0044 8   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | Y                         |
|                                | HORNS REV A (PRIVATE HELIDECK)                                    | EKH R                   | N5531    | E0075 2   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | HORNS REV B (PRIVATE HELIDECK)                                    | EKH N                   | N5536    | E0073 7   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | ANHOLT ALPHA (PRIVATE HELIDECK)                                   | EKA V                   | N5635    | E0110 9   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | HALFDAN A (OIL PLATFORM)                                          | EKH A                   | N5532    | E0050 0   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | HARALD (OIL PLATFORM)                                             | EKH D                   | N5621    | E0041 6   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | TYRA E (OIL PLATFORM)                                             | EKT E                   | N5543    | E0044 8   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
|                                | GORM C (OIL PLATFORM)                                             | EKG C                   | N5535    | E0044 6   | DANISH METEOROLOGICAL INSTITUTE   | EKMI                    | N                                                        | N                                           | N                         |
| <b>Netherlands<sup>1</sup></b> | BG-OHVS2                                                          | EHH W                   | N5402    | E00602    | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | BORSSELE ALFA (BSA)                                               | EHSG                    | N5142    | E00303    | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | F3-FB-1 (OIL PLATFORM)                                            | EHF D                   | N5451    | E0044 2   | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | K13-A (OIL PLATFORM)                                              | EHJR                    | N5313    | E0031 3   | DE BILT                           | EHDB                    | Y                                                        | Y                                           | Y                         |
|                                | EUROPLATFORM                                                      | EHS A                   | N5200    | E0031 7   | DE BILT                           | EHDB                    | Y                                                        | Y                                           | Y                         |
|                                | K14-FA-1C (OIL PLATFORM)                                          | EHK V                   | N5316 N  | E0033 8E  | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | LICHTEILAND GOEREE                                                | EHSC                    | N5155    | E00340    | DE BILT                           | EHDB                    | Y                                                        | Y                                           | Y                         |
|                                | L9-FF-1 (OIL PLATFORM)                                            | EHM G                   | N5337    | E0045 8   | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | AWG-1 (OIL PLATFORM)                                              | EHM A                   | N5330    | E0055 7   | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|                                | D15-FA-1 (OIL PLATFORM)                                           | EHD V                   | N5419    | E0025 6   | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |

<sup>1</sup> The Netherlands makes available an area forecast in the TAF code form

| State  | Offshore structure where meteorological service is to be provided |                         |          |           | Responsible meteorological office |                         | Availability of supplementary information in METAR/SPECI |                                             | Availability of forecasts |
|--------|-------------------------------------------------------------------|-------------------------|----------|-----------|-----------------------------------|-------------------------|----------------------------------------------------------|---------------------------------------------|---------------------------|
|        | Name                                                              | ICAO Location Indicator | Latitude | Longitude | Name                              | ICAO Location Indicator | Sea surface temperature                                  | State of the sea or significant wave height |                           |
| 1      | 2                                                                 | 3                       | 4        | 5         | 6                                 | 7                       | 8                                                        | 9                                           | 10                        |
|        | A12-CPP (OIL PLATFORM)                                            | EHA K                   | N5524    | E00349    | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|        | P11-B (DE RUYTER) (OIL PLATFORM)                                  | EHPG                    | N5222    | E00321    | DE BILT                           | EHDB                    | N                                                        | N                                           | Y                         |
|        | J6-A (OIL PLATFORM)                                               | EHJA                    | N5349    | E00257    | DE BILT                           | EHDB                    | Y                                                        | Y                                           | Y                         |
| Norway | AASTA HANSTEEN                                                    | ENUN                    | N6704    | E00706    | TROMSO                            | ENVN                    | Y                                                        | Y                                           | N                         |
|        | DRAUGEN                                                           | ENDR                    | N6421    | E00747    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | DRAUPNER                                                          | ENDP                    | N5811    | E00228    | BERGEN                            | ENVV                    |                                                          |                                             | N                         |
|        | EKOFISK L                                                         | ENLE                    | N5632    | E00312    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | Y                         |
|        | GJOA                                                              | ENQJ                    | N6120    | E00353    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | N                         |
|        | GOLIAT                                                            | ENUG                    | N7118    | E02215    | TROMSO                            | ENVN                    | N                                                        | Y                                           | N                         |
|        | GUDRUN                                                            | ENWG                    | N5850    | E00144    | BERGEN                            | ENVV                    | N                                                        | N                                           | N                         |
|        | GULLFAKS C                                                        | ENG C                   | N6112    | E00216    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | Y                         |
|        | HEIDRUN                                                           | ENHE                    | N6519    | E00718    | TROMSO                            | ENVN                    | N                                                        | Y                                           | Y                         |
|        | HEIMDAL                                                           | ENHM                    | N5934    | E00213    | BERGEN                            | ENVV                    | Y                                                        | N                                           | N                         |
|        | JOHAN SVERDRUP                                                    | ENJS                    | N5850    | E00232    | BERGEN                            | ENVV                    | Y                                                        | N                                           | Y                         |
|        | MARTIN LINGE A                                                    | ENQM                    | N6030    | E00200    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | NORNE                                                             | ENNE                    | N6601    | E00805    | TROMSO                            | ENVN                    | N                                                        | Y                                           | Y                         |
|        | OSEBERG A                                                         | ENOA                    | N6029    | E00249    | BERGEN                            | ENVV                    | N                                                        | Y                                           | Y                         |
|        | SLEIPNER A                                                        | ENSL                    | N5822    | E00154    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | N                         |
|        | SKARV                                                             | ENUS                    | N6542    | E00739    | TROMSO                            | ENVN                    | Y                                                        | Y                                           | N                         |
|        | SNORRE A                                                          | ENSE                    | N6127    | E00208    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | SNORRE B                                                          | ENQR                    | N6132    | E00212    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | N                         |
|        | STATFJORD A                                                       | ENSF                    | N6115    | E00151    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | STATFJORD B                                                       | ENFB                    | N6112    | E00149    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | TROLL A                                                           | ENQA                    | N6038    | E00343    | BERGEN                            | ENVV                    | Y                                                        | Y                                           | N                         |
|        | TROLL C                                                           | ENQC                    | N6053    | E00336    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
|        | ULA                                                               | ENLA                    | N5706    | E00250    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |

| State          | Offshore structure where meteorological service is to be provided |                         |          |           | Responsible meteorological office |                         | Availability of supplementary information in METAR/SPECI |                                             | Availability of forecasts |
|----------------|-------------------------------------------------------------------|-------------------------|----------|-----------|-----------------------------------|-------------------------|----------------------------------------------------------|---------------------------------------------|---------------------------|
|                | Name                                                              | ICAO Location Indicator | Latitude | Longitude | Name                              | ICAO Location Indicator | Sea surface temperature                                  | State of the sea or significant wave height |                           |
| 1              | 2                                                                 | 3                       | 4        | 5         | 6                                 | 7                       | 8                                                        | 9                                           | 10                        |
|                | VALHALL PH                                                        | ENWV                    | N5616    | E00323    | BERGEN                            | ENVV                    | N                                                        | Y                                           | N                         |
| United Kingdom | CLAIR (OIL RIG)                                                   | EGRF                    | N6041    | W00232    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | MAGNUS (OIL RIG)                                                  | EGRE                    | N6137    | E00118    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | BRUCE (OIL RIG)                                                   | EGRK                    | N5944    | E00140    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | HARDING (OIL RIG)                                                 | EGR L                   | N5916    | E00130    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | ANDREW (OIL RIG)                                                  | EGR O                   | N5802    | E00124    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | MARNOCK (OIL RIG)                                                 | EGR S                   | N5717    | E00139    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | MUNGO (OIL RIG)                                                   | EGRP                    | N5722    | E00159    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | RAVENSPURN N (OIL RIG)                                            | EGR V                   | N5401    | E00106    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | CLEETON (OIL RIG)                                                 | EGR T                   | N5402    | E00043    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | WEST SOLE (OIL RIG)                                               | EGR W                   | N5342    | E00108    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | CORMORANT ALPHA                                                   | EGR G                   | N6106    | E00104    | MET OFFICE EXETER                 | EGRR                    | N                                                        | Y                                           | N                         |
|                | FULMAR ALPHA                                                      | EGR N                   | N5626    | E00209    | MET OFFICE EXETER                 | EGRR                    | N                                                        | N                                           | N                         |

**EXAMPLE FOR SPECIFIC REGIONAL REQUIREMENTS**  
**Appendix MET LLF to Part V (MET) Volume II**  
**EUR REGION ONLY**

In the EUR Region, Section II of the GAMET area forecast should include the following information in addition to the provisions in Annex 3:

- a) short description of general weather situation in addition to the description of pressure centres and fronts;
- b) information about mean surface wind also for values less than 15 m/s (30kt);
- c) upper wind and temperature in mountainous areas for altitude 15000ft, or higher if necessary;  
*Note – Upper wind and temperature information should have a horizontal resolution no more than 500km;*
- d) information about widespread surface visibility of 5000 m or more together with the weather phenomena (if any) causing a reduction of visibility and inserted between the upper wind and cloud information;
- e) state of the sea and sea surface temperature; and  
*Note – States under whose jurisdiction off-shore structure or other points of significance in support of off-shore helicopter operations are located should, in consultation with the appropriate operators, establish or arrange for the information on the state of the sea and sea surface temperature to be included in all low-level area forecasts.*
- f) an outlook concerning expected hazardous weather phenomena during the following validity period.

*Note 1. – When the area forecast for low-level flights is issued as a GAMET, the following regional procedures should be followed:*

- i. the term "widespread" should be used to indicate a spatial coverage of more than 75 per cent of the area concerned; and*
- ii. the visibility and cloud base information in section II may be complemented in the form of visibility/cloud base categories.*

*Note 2. – Where combined cloud/visibility information is provided, this information should be in the form of visibility/cloud base categories and should be supplied for well-defined sub-areas and/or route segments. The boundaries of sub-areas and/or route segments for which forecasts for low-level flights are provided in condensed form should be published in the AIP. For each sub-area and/or route segment, the reference height to which the cloud-base information refers, should be specified.*

*Note 3. – Where visibility/cloud-base categories are used in low-level forecasts these should be as follows:*

- O visibility equal to or more than 8 km and cloud-base equal to or higher than 600 m (2000 ft);*
- D visibility equal to or more than 5 km but less than 8 km with cloud-base 300 m (1000 ft) or higher, or cloud-base equal to 300 m (1000 ft) or higher but less than 600 m (2000 ft) with visibility equal to or more than 5 km;*
- M visibility equal to or more than 1.5 km but less than 5 km with cloud-base equal to or higher than 150 m (500 ft), or cloud-base equal to or higher than 150 m (500 ft) but less than 300 m (1000 ft) with visibility equal to or more than 1.5 km;*
- X visibility less than 1.5 km and/or cloud-base less than 150 m (500 ft). The visibility/cloud-base category indicated in the forecast for a sub-area should refer to the prevailing conditions in the sub-area concerned. Cloud information should refer to clouds with a coverage of BKN or OVC.*

## EUR ANP, VOLUME II

### PART VI - SEARCH AND RESCUE (SAR)

#### 1. INTRODUCTION

1.1 This part of the EUR ANP, Volume II, complements the provisions in ICAO SARPs and PANS related to search and rescue (SAR). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of SAR facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to the SAR facilities and services to be implemented by States in accordance with regional air navigation agreements. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified.

#### 2. GENERAL REGIONAL REQUIREMENTS

2.1 The Rescue Coordination Centres (RCCs) and Rescue Sub-Centres (RSCs) for the EUR Region are listed in **Table SAR II-1** and depicted in **Chart SAR II-1**.

2.2 In cases where the minimum SAR facilities are temporarily unavailable, alternative suitable means should be made available.

2.3 In cases where a SAR alert is proximate to a search and rescue region (SRR) boundary (e.g. 50 NM or less), or it is unclear if the alert corresponds to a position entirely contained within an SRR, the adjacent RCC or RSC should be notified of the alert immediately.

#### 3. SPECIFIC REGIONAL REQUIREMENTS

3.1 The list of the SAR Point of Contact (SPOC) – COSPAS-SARSAT in the EUR Region can be found at the following [www.cospas-sarsat.int/en/contact-lists-mccs-and-spocs](http://www.cospas-sarsat.int/en/contact-lists-mccs-and-spocs), option “Please select a Contact type”, then SPOC.

# TABLE SAR II-1 – RESCUE COORDINATION CENTRES (RCCS) AND RESCUE SUB-CENTRES (RSCS) IN THE EUR

## EXPLANATION OF THE TABLE

### Column

- |   |                                                                                                  |
|---|--------------------------------------------------------------------------------------------------|
| 1 | State                                                                                            |
| 2 | Name of the Rescue Coordination Centre (RCC) and Rescue Sub-centre (RSC).                        |
| 3 | SAR points of contact (SPOC). Name of the SPOC.                                                  |
| 4 | Remarks. Supplementary information such as the type of RCC (e.g. maritime or aviation or joint). |

*Note: Categories shown in Remarks column pertain to the following:*

1. *MRU: Land rescue units including mountain rescue units.*
2. *Search and rescue aircraft categories*
  - *ELR: extra-long range- aircraft with a radius of action of 2780 km (1500 NM) or more, plus 2½ hours search remaining;*
  - *VLR: very long range - aircraft with a radius of action of more than 1850 km (1000 NM) plus 2½ hours search remaining;*
  - *LRG: long range - aircraft with a radius of action of 1390 km (750 NM) plus 2½ hours search remaining;*
  - *MRG: medium range - aircraft with a radius of action of 740 km (400 NM) plus 2½ hours search remaining;*
  - *SRG: short range - aircraft with a radius of action of 280 km (150 NM) plus ½ hour search remaining;*
  - *HEL: helicopter*
3. *Search and rescue marine craft categories:*
  - *RB: rescue boat - a short-range coastal and river craft with a speed approaching 14 kt or better;*
  - *RV: rescue vessel - a vessel possessing seagoing qualities, long range and reasonable speed. Patrol, customs, pilotage and other craft fulfil the purpose if assigned a high priority for search and rescue operations.*

| State   | Name of RCC / RSC | SPOC <sup>1</sup> | Remarks                                      |
|---------|-------------------|-------------------|----------------------------------------------|
| 1       | 2                 | 3                 | 4                                            |
| Albania | Joint RCC Tirana  |                   | HEL<br>Merchant marine                       |
| Algeria | RCC Alger         |                   | Desert rescue unit (DRU)<br>Civil protection |
| Andorra |                   |                   | AIP N/A                                      |

<sup>1</sup> List of the SAR Point of Contact (SPOC) in the EUR Region is available at <http://www.cospas-sarsat.int/en/contacts-pro/contacts-details-all>

| State                  | Name of RCC / RSC                                                                                                                                                                               | SPOC <sup>1</sup>           | Remarks                                                                                                              |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| 1                      | 2                                                                                                                                                                                               | 3                           | 4                                                                                                                    |
| Armenia                | RCC Armenia                                                                                                                                                                                     |                             | aircraft & HEL                                                                                                       |
| Austria                | RCC Austro Control GmbH                                                                                                                                                                         |                             | airplanes & HEL<br>Air Force                                                                                         |
| Azerbaijan             | RCC Azerbaijan                                                                                                                                                                                  |                             | amphibious aircraft & HEL<br>Merchant marine                                                                         |
| Belarus                | RCC BELAERONAVIGATSIA SOE, Minsk                                                                                                                                                                |                             | aircraft & HEL                                                                                                       |
| Belgium                | RCC Brussels - Belgian Air Component CANAC, Steenokkerzeel<br><br>RSC Belgium<br>Koksijde Air Base<br><br>RSC Grand Duchy of Luxembourg - Administration de la navigation aérienne, Service ATC |                             | aircraft & HEL<br>tug-boats<br>Merchant marine                                                                       |
| Bosnia and Herzegovina | RCC Bosnia and Herzegovina<br>Airport Banja Luka – Mahovljani                                                                                                                                   |                             | Armed Forces<br>Flying Clubs                                                                                         |
| Bulgaria               | RCC Sofia<br>Civil Aviation Administration<br><br>RSC Bulgarian Air Traffic Services Authority (BULATSA) (information)                                                                          |                             | Joint RCC (Aviation & Maritime), Varna<br>aircraft<br>sea vessels                                                    |
| Croatia                | RCC Zagreb                                                                                                                                                                                      |                             | amphibious aircraft<br>marine craft                                                                                  |
| Cyprus                 | Joint RCC Larnaka<br><br>Joint Ops Centre Akrotiri                                                                                                                                              |                             | aircraft & HEL<br>marine craft                                                                                       |
| Czech Republic         | Aeronautical RCC Praha                                                                                                                                                                          |                             | MRU<br>HEL                                                                                                           |
| Denmark                | Joint RCC Denmark, Brabrand                                                                                                                                                                     |                             | aircraft & HEL<br>Rescue vessels<br>other available vessels<br>motor lifeboats                                       |
| Estonia                | Joint RCC Tallinn                                                                                                                                                                               |                             | aircraft & HEL<br>Merchant marine<br>Navy rescue vessels                                                             |
| Finland                | Aeronautical RCC Helsinki                                                                                                                                                                       |                             | Alert Posts are located at all aerodromes during the operational hours of the appropriate ATS unit                   |
| France                 | ARCC Lyon Mont-Verdun<br>ARSC Brest<br>ARSC Cherbourg<br>ARSC Toulon                                                                                                                            | ARCC<br>Lyon<br>Mont-Verdun | SRG, MRG, LRG, VLR<br>aircraft<br>HEL<br>Rescue vessels / boats<br>Others boats and vessels<br>Terrestrial resources |
| Georgia                | RCC Tbilisi                                                                                                                                                                                     |                             | aircraft<br>marine craft                                                                                             |
| Germany                | RCC Glücksburg<br><br>RCC Münster                                                                                                                                                               |                             | HEL<br>Armed Forces                                                                                                  |
| Greece                 | Joint RCC Piraeus                                                                                                                                                                               |                             | LRG MRG aircraft<br>HEL<br>MRU<br>RB, RV (Coast Guard)                                                               |
| Hungary                | RCC: Hungarian Defence Forces Air Command and Control Centre, Air Operation Centre (HDF ACCC)                                                                                                   |                             | aircraft & HEL<br>Air force                                                                                          |

| State      | Name of RCC / RSC                                                                                                                                                                                                                                       | SPOC <sup>1</sup> | Remarks                                                                                          |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------|
| 1          | 2                                                                                                                                                                                                                                                       | 3                 | 4                                                                                                |
|            | AOC), Veszprém                                                                                                                                                                                                                                          |                   | Police                                                                                           |
| Ireland    | RCC Irish Aviation Authority, Shannon<br>RSC Irish Aviation Authority, Dublin                                                                                                                                                                           |                   | various elements<br>Irish Naval Service<br>Royal National Lifeboat<br>Institution                |
| Israel     | RCC TEL-AVIV<br>Ben-Gurion Intl Airport                                                                                                                                                                                                                 |                   | MRG aircraft & HEL<br>Rescue vessels                                                             |
| Italy      | RCC - Italian Air Force,<br>Poggio Renatico<br><br>National Maritime RCC,<br>Rome<br><br>The Italian Coast Guard<br>(for sea occurrences)<br><br>16 Maritime Rescue<br>Sub-centers (MRSC),<br>together with their subsidiary Coast Guard Units<br>(UCG) |                   | LRG, MRG, SRG aircraft<br>HEL<br>Rescue vessels /boats                                           |
| Kazakhstan | RCC of the Republic of Kazakhstan                                                                                                                                                                                                                       |                   | ,SRG search aircraft, medium<br>HEL, search and rescue groups                                    |
| Kyrgyzstan | Head of the aviation SAR service of flights<br>provision of the Kyrgyz Republic                                                                                                                                                                         |                   | aircraft & HEL<br>search and rescue groups                                                       |
| Latvia     | Aeronautical RCC Riga<br><br>Maritime RCC Riga                                                                                                                                                                                                          |                   | HEL<br>Rescue vessels/boats<br>Air Force & Navy<br>Coast Guard & Border Guard<br>Merchant marine |
| Lithuania  | Aeronautical RCC Vilnius<br><br>Maritime RCC Klaipėda                                                                                                                                                                                                   |                   | HEL<br>Vessel<br>Merchant marine                                                                 |
| Luxembourg |                                                                                                                                                                                                                                                         |                   | “See Belgium”                                                                                    |
| Malta      | RCC Malta                                                                                                                                                                                                                                               |                   | MRG aircraft, HEL<br>SAR launches<br>patrol boats /vessel /crafts<br>Merchant vessels            |
| Monaco     | Aeronautical RCC Lyon Mont-Verdun (France)                                                                                                                                                                                                              |                   | “See France”                                                                                     |
| Montenegro | Land operations:<br>Ministry of the Interior, Department for Civil Safety<br>and Emergency Situations, Operating<br>Communication Centre 112,<br>RCC Podgorica, Montenegro                                                                              |                   | Helicopter units, ground and<br>maritime vehicles                                                |

| State                  | Name of RCC / RSC                                                                                                                                                                                        | SPOC <sup>1</sup> | Remarks                                                                                                                                                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                      | 2                                                                                                                                                                                                        | 3                 | 4                                                                                                                                                                                                                                                                              |
|                        | Sea operations:<br>Ministry of Transport and Maritime Affairs,<br>Maritime Search and Rescue Operations Division<br>RCC Bar, Montenegro                                                                  |                   |                                                                                                                                                                                                                                                                                |
| Morocco                | RCC Casablanca                                                                                                                                                                                           |                   |                                                                                                                                                                                                                                                                                |
| Netherlands            | Joint RCC Den Helder                                                                                                                                                                                     |                   | aeroplane & HEL<br>Rescue boats<br>Merchant marine                                                                                                                                                                                                                             |
| North Macedonia        | RCC Skopje                                                                                                                                                                                               |                   | military and Red cross<br>resources                                                                                                                                                                                                                                            |
| Norway                 | RCC Bodo (N of 6500N)<br>RCC Stavanger (S of 6500N)                                                                                                                                                      |                   | SAR HEL 6 hr endurance                                                                                                                                                                                                                                                         |
| Poland                 | Aeronautical RCC Warszawa<br>Aeronautical RSC Gdynia                                                                                                                                                     |                   | MRG aircraft, HEL<br>Rescue vessels                                                                                                                                                                                                                                            |
| Portugal               | RCC Lisboa<br>RCC Lajes                                                                                                                                                                                  |                   | ELR, VLR, LRG aircraft<br>HEL<br>Rescue vessels<br>Merchant marine                                                                                                                                                                                                             |
| Republic of<br>Moldova | RCC Chisinau                                                                                                                                                                                             |                   | HEL                                                                                                                                                                                                                                                                            |
| Romania                | RCC Bucuresti<br>Romanian Air Traffic Services Administration<br>ROMATSA                                                                                                                                 |                   | to be developed                                                                                                                                                                                                                                                                |
| Russian<br>Federation  | 1. The <b>main</b> aeronautical RCC<br>Federal Air Transport Agency<br>(FATA), Moscow<br><br>2. <b>Northwestern</b> aeronautical RCC Sankt-Peterburg<br><br>3. <b>Central</b> aeronautical<br>RCC Moscow |                   | aeroplanes & helicopters<br>rescue parachute dropping<br>groups with rescue property<br>and equipment and also<br>facilities for their dropping at<br>the area of incident (parachute<br>systems, rescue containers,<br>parachute platforms and so<br>on), ground rescue teams |

| State       | Name of RCC / RSC                                                                                                                                                                                                                                                                  | SPOC <sup>1</sup> | Remarks                                                                          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------------------------------------------|
| 1           | 2                                                                                                                                                                                                                                                                                  | 3                 | 4                                                                                |
|             | 4. <b>South</b> aeronautical<br>RCC Rostov-na-Donu<br><br>5. <b>Volga</b> aeronautical<br>RCC Samara<br><br>6. <b>Urals</b> aeronautical<br>RCC Yekaterinburg<br><br>7. <b>Siberia</b> aeronautical<br>RCC Novosibirsk<br><br>8. <b>Far Eastern</b> aeronautical<br>RCC Khabarovsk |                   | (groups) and SAR marine craft and river vessels, cutters and boats.              |
| San Marino  |                                                                                                                                                                                                                                                                                    |                   | AIP N/A                                                                          |
| Serbia      | RCC Beograd                                                                                                                                                                                                                                                                        |                   | Helicopter units, ground and maritime vehicles                                   |
| Slovakia    | RCC Bratislava                                                                                                                                                                                                                                                                     |                   | MRG land planes & HEL                                                            |
| Slovenia    | RCC Ljubljana                                                                                                                                                                                                                                                                      |                   | Aeronautical Rescue Coordination Center                                          |
| Spain       | RCC Madrid<br>RCC Palma<br>RCC Canarias                                                                                                                                                                                                                                            |                   | aircraft & HEL<br>maritime and terrestrial resources                             |
| Sweden      | Joint RCC Sweden, Gothenburg                                                                                                                                                                                                                                                       |                   | aircraft & HEL<br>Swedish<br>coast guard air patrol,<br>maritime resources       |
| Switzerland | RCC Zurich                                                                                                                                                                                                                                                                         |                   | Aircraft removal service after release by the Swiss Accident Investigation Board |
| Tajikistan  | Tajik RCC, Dushanbe                                                                                                                                                                                                                                                                |                   | SRG aircraft, HEL                                                                |

| State          | Name of RCC / RSC                                                                                                              | SPOC <sup>1</sup> | Remarks                                                                                                                                                                                                           |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1              | 2                                                                                                                              | 3                 | 4                                                                                                                                                                                                                 |
|                |                                                                                                                                |                   |                                                                                                                                                                                                                   |
| Tunisia        | RCC Tunis                                                                                                                      |                   | The Search and Rescue Service (SAR) within Tunis SRR is in course of organization.<br>GEN 3.6-1, 01-AUG-2010                                                                                                      |
| Turkey         | Military RCC Ankara -<br>Ministry of Transport, Maritime Affairs and Communications,<br>Directorate General of Civil Aviation. |                   | LRG, MRG, SRG aircraft<br>HEL<br>Rescue vessels, boats,<br>Parachute rescue team,<br>merchant marine                                                                                                              |
| Turkmenistan   | Turkmen RCC, Ashgabat                                                                                                          |                   | HEL<br>Rescue vessels, boats, cutters                                                                                                                                                                             |
| Ukraine        | Head Aviation RCC of Ukraine, Kyiv<br>Civil Aviation RCC of Ukraine, Kyiv                                                      |                   | aircraft & HEL<br>Rescue boats,<br>marine craft                                                                                                                                                                   |
| United Kingdom | Aeronautical RCC, Kinloss                                                                                                      |                   | Royal Air Force and Royal Navy fixed-wing aircraft and helicopters;<br><br>Department for Transport (DfT) helicopters;<br><br>Royal Air Force Mountain Rescue Teams;<br><br>HM Coastguard<br><br>Merchant vessels |
| Uzbekistan     | RCC Tashkent                                                                                                                   |                   |                                                                                                                                                                                                                   |

**CHART SAR II-1 — RESCUE COORDINATION CENTRES (RCCS) AND RESCUE SUB-CENTRES (RSCS) IN THE EUR REGION**

*Note: To be developed*

## EUR ANP, VOLUME II

## PART VII - AERONAUTICAL INFORMATION MANAGEMENT (AIM)

## 1. INTRODUCTION

1.1 This part of the EUR ANP, Volume II, complements the provisions in ICAO SARPs and PANS related to AIS/AIM and aeronautical charts (MAP). It contains dynamic plan elements related to the assignment of responsibilities to States for the provision of AIS/AIM facilities and services within a specified area in accordance with Article 28 of the *Convention on International Civil Aviation* (Doc 7300); and mandatory requirements related to the AIS/AIM facilities and services to be implemented by States in accordance with Regional air navigation agreements. Such agreement indicates a commitment on the part of the State(s) concerned to implement the requirement(s) specified.

## 2. GENERAL REGIONAL REQUIREMENTS

2.1 The responsibility for the provision of AIS/AIM facilities and services in the EUR Region, is reflected in the **Table AIM II-1**, which shows the list of designated international NOTAM Offices (NOF), designated States for AIP production, designated States for aeronautical charts (MAP) production, designated States for the provision of the authoritative Integrated Aeronautical Information Database (IAID) and designated States for the provision of pre-flight information services.

2.2 States should designate and implement an authoritative Integrated Aeronautical Information Database (IAID) where data sets are integrated and used to produce current and future AIS/AIM products and services, which is a fundamental step in the transition to AIM. The designation of authoritative databases should be clearly stated in the Aeronautical Information Products.

2.3 The national plans for the transition from AIS to AIM identifying clearly the timelines for the implementation of the different elements of the ICAO Roadmap for the transition from AIS to AIM should be submitted by States to the ICAO EUR/NAT Regional Office. States should also inform the ICAO EUR/NAT Regional Office of any update.

2.4 States should take necessary measures to ensure that aeronautical information and data they provide meet the regulatory aeronautical data quality requirements.

2.5 The Quality Management System (QMS) in AIS/AIM should define procedures to meet the safety and security objectives associated with the management of aeronautical data and information.

2.6 Recognizing the need to maintain or enhance existing safety levels of operations, States should ensure that any change to the existing systems or the introduction of new systems used for processing aeronautical data and/or information are preceded by a safety assessment.

2.7 Technical services responsible for origination of the raw aeronautical information should be acquainted with the requirements for promulgation and advance notification of changes that are operationally significant as established in Annexes 11 and 14 and other relevant ICAO documentation. They should take due account of the time needed by AIS/AIM for the preparation, production and issue of the relevant material, including the compliance with the AIRAC procedures.

2.8 AIS/AIM personnel should be involved in the air navigation planning processes. This should ensure the timely preparation of appropriate AIS documentation and that the effective dates for changes to the air navigation system and procedures are satisfied.

2.9 States should produce relevant aeronautical charts required for civil air operations employing visual air navigation independently or in support of other forms of air navigation. The production responsibility for sheets of the World Aeronautical Chart (WAC) — ICAO 1: 1 000 000 or Aeronautical Chart — ICAO 1: 500 000 (*as an alternative to the World Aeronautical Chart — ICAO 1:1 000 000*) is set out in the **Table AIM II-2**.

### 3. SPECIFIC REGIONAL REQUIREMENTS

#### 3.1 European AIS Database (EAD)

3.1.1 EUROCONTROL has defined operational and technical specifications for a central aeronautical information database, allowing ANSPs/AISs to migrate to the EAD and contribute to the States' aeronautical information services taking into account the benefits of the EAD. The EAD service is facilitating the provision of essential sovereign services of public interest and contributing to the timely and efficient flow of quality-assured aeronautical information/data necessary for the safety, regularity and efficiency of international air navigation within the area of responsibility of the participating States.

##### *Objectives*

3.1.2 The aim of the European AIS Database (EAD) is to improve and harmonise the procedures and delivery of the aeronautical information. This centralised database provides clients with validated aeronautical information. The objective is the delivery of high-quality aeronautical information to the aviation community and the national air traffic service providers.

##### *The operational concept*

3.1.3 The primary aim of the EAD is to operate a central repository for aeronautical information. There are two types of clients:

- a) Data providers, consisting of State civil and military AIS and Network Manager, supply the information. The EAD performs coherence checking of the information and ensures data consistency and harmonisation. At all times, data providers maintain control of the information for which they are responsible.
- b) Data users consult the information made available by the EAD. The EAD provides data users with world-wide processed messages (NOTAM, SNOWTAM and ASHTAM), Pre-Flight Information Bulletins (PIB), static data, and Aeronautical Information Publications (AIPs, amendments, supplements, , circulars and charts ).

##### *The Services offered by EAD*

3.1.4 The EAD allows clients three levels of interaction:

3.1.4.1 Data provision:

- a) introduction of static data, aeronautical information and elements of Aeronautical Information Products;
- b) creation of NOTAM, SNOWTAM, ASHTAM and related checklists;
- c) generation of aeronautical information publications (AIP, amendments, circulars, supplements) and charts;
- d) maintenance of a complete set of aeronautical information publications that were generated at different AIRAC cycles, or any other dates.

3.1.4.2 Data use:

- a) query and retrieval of static data;
- b) query and retrieval of NOTAM, SNOWTAM, ASHTAM;
- c) generation of Pre-flight Information Bulletins (PIBs);
- d) query and consultation of a library of complete aeronautical information publications (AIP, amendments, circulars, supplements and charts).

3.1.4.3 A 24-hour technical and operational helpdesk is provided to support data providers and data users.

### ***General implementation***

3.1.5 The EAD became operational on 6<sup>th</sup> June 2003. Additional information about its evolution and migration status of data providers to the EAD can be found on the website: <https://www.eurocontrol.int/service/european-ais-database>

### ***Special procedures applied by the EAD to NOTAM processing***

3.1.6 NOTAM received from States or organisations that are not EAD data providers are processed by EAD in order to comply with International standards, PANS AIM (Doc 10066). Original NOTAM are stored and always available.

3.1.7 NOTAM are processed as follows:

- a) conversion to PANS-AIM (Doc 10066)-compliant NOTAM format;
- b) translation in English of NOTAM received in Spanish or French language;
- c) syntax correction will be performed for obvious mistakes in syntax.
- d) data correction will be carried out for detected mistakes in data.
- e) editing of text will be performed in order to clarify it.

## **3.2 European Union Regulation concerning Aeronautical data and aeronautical information quality**

3.2.1 In the EU, Commission Implementing Regulation (EU) 2017/373 lays down common requirements for providers of air traffic management/air navigation services (ATM/ANS) and other air traffic management network functions, including for Aeronautical Information Services Providers (AISPs). In addition to the general requirements applicable to all ATM/ANS organisations, which among others include a certification requirement, Regulation (EU) 2017/373 incorporates, in Annex VI (Part-AIS) specific requirements applicable to AISPs.

3.2.2 These requirements are mainly based on provisions contained in ICAO Annex 15 and PANS-AIM, thus ensuring global compliance and interoperability, while at certain points, e.g. safety management, runway surface condition reporting, are enhanced further, with a view to improving the safety, regularity and efficiency of the air navigation system. In addition, the necessary regulatory links with the other aviation domains are in place, to ensure proper interface management and the implementation of a holistic and data-centric approach.

3.2.3 The implementation of the AIS/AIM requirements of Commission Implementing Regulation (EU) 2017/373 is supported by acceptable means of compliance and guidance issued by the European Aviation Safety Agency (EASA), which are primarily based on ICAO material and, where necessary, other material, including industry standards.

## **3.3 European ATM Master Plan - Implementation Plan - Level 3 (MPL3) – AIS/AIM Actions**

3.3.1 The ATM Master Plan features three levels available on the European ATM portal <https://www.atmmasterplan.eu>. The Level 3, “Implementation view”, contains the Implementation Plan and the Implementation Report. The Level 3, “Implementation view”, contains the Implementation Plan and the Implementation Report. The Implementation Plan brings together the framework for the commonly agreed actions that ECAC+ Stakeholders should take in the context of the implementation of SESAR.

3.3.2 The plan is updated yearly and it covers a short to medium-term horizon of around 5 years ahead. It is based on the ATM Master Plan level 1 and level 2, the SESAR Deployment Programme, the Network Strategy Plan, and the Single European Sky Interoperability Regulations. In turn, the MPL3 Implementation Plan feeds the Local Single Sky Implementation (LSSIP)+ monitoring mechanism as well as the reporting process through the yearly elaboration of the MPL3 Implementation Report.

3.3.3 The following AIS/AIM-related Master Plan Level 3 Implementation objectives were agreed

by the European stakeholders to improve the European ATM network.

| <b>Master Plan Level 3 Implementation</b>                                               |
|-----------------------------------------------------------------------------------------|
| INF07 Electronic Terrain and Obstacle Data (TOD)                                        |
| INF10.3 - Aeronautical Information Exchange -<br>Airspace Structure service             |
| INF10.4 - Aeronautical Information Exchange -<br>Airspace Availability service          |
| INF10.5 - Aeronautical Information Exchange - ARES<br>service                           |
| INF10.6 - Aeronautical Information Exchange - Digital<br>NOTAM service                  |
| INF10.7 - Aeronautical Information Exchange -<br>Aerodrome Mapping information Exchange |
| INF10.8 - Aeronautical Information Exchange -<br>Aeronautical Information Features      |

### 3.4 European Guidance Material

3.4.1 A wide range of documents in the form of EUROCONTROL specifications and guidance materials applicable to the provision of AIS/AIM were developed and are to be used by the States of ECAC region in order to ensure common understanding and harmonised implementation of the ICAO SARPS requirements and the relevant regional regulations: Those can be found on the EUROCONTROL website at <https://www.eurocontrol.int/library/eurocontrol-guidelines-specs-aeronautical-information>.

**TABLE AIM II-1 - RESPONSIBILITY FOR THE PROVISION OF AIS/ AIM FACILITIES AND SERVICES IN THE EUR REGION**

## EXPLANATION OF THE TABLE

*Column:*

- 1 Name of the State or territory
- 2 Designated international NOTAM Office (NOF)
- 3 Designated State for AIP production
- 4 Designated State for aeronautical charts (MAP) production
- 5 Designated State for the provision of the authoritative Integrated Aeronautical Information Database (IAID)
- 6 Designated State for the provision of pre-flight information services
- 7 Remarks — additional information, as appropriate.

| State                         | NOF        | AIP                    | MAP                    | IAID                   | Pre-flight briefing    | Remarks                              |
|-------------------------------|------------|------------------------|------------------------|------------------------|------------------------|--------------------------------------|
| 1                             | 2          | 3                      | 4                      | 5                      | 6                      | 7                                    |
| <b>ALBANIA</b>                | TIRANA     | ALBANIA                | ALBANIA                | ALBANIA                | ALBANIA                |                                      |
| <b>ANDORRA</b>                | BORDEAUX   | FRANCE                 | FRANCE                 | FRANCE                 | FRANCE                 |                                      |
| <b>ARMENIA</b>                | YEREVAN    | ARMENIA                | ARMENIA                | ARMENIA/EAD            | ARMENIA                | Using an IAID Eurocontrol since 2007 |
| <b>AUSTRIA</b>                | VIENNA     | AUSTRIA                | AUSTRIA                | AUSTRIA                | AUSTRIA                |                                      |
| <b>AZERBAIJAN</b>             | BAKU       | AZERBAIJAN             | AZERBAIJAN             | AZERBAIJAN             | AZERBAIJAN             |                                      |
| <b>BELARUS</b>                | MINSK      | BELARUS                | BELARUS                | BELARUS                | BELARUS                |                                      |
| <b>BELGIUM</b>                | BRUSSELS   | BELGIUM                | BELGIUM                | BELGIUM                | BELGIUM                |                                      |
| <b>BOSNIA AND HERZEGOVINA</b> | SARAJEVO   | BOSNIA AND HERZEGOVINA | BOSNIA AND HERZEGOVINA | BOSNIA AND HERZEGOVINA | BOSNIA AND HERZEGOVINA |                                      |
| <b>BULGARIA</b>               | SOFIA      | BULGARIA               | BULGARIA               | BULGARIA               | BULGARIA               |                                      |
| <b>CROATIA</b>                | ZAGREB     | CROATIA                | CROATIA                | CROATIA                | CROATIA                |                                      |
| <b>CYPRUS</b>                 | LARNACA    | CYPRUS                 | CYPRUS                 | CYPRUS                 | CYPRUS                 |                                      |
| <b>CZECH REPUBLIC</b>         | PRAGUE     | CZECH REPUBLIC         | CZECH REPUBLIC         | CZECH REPUBLIC         | CZECH REPUBLIC         |                                      |
| <b>DENMARK</b>                | COPENHAGEN | DENMARK                | DENMARK                | DENMARK                | DENMARK                |                                      |
| <b>ESTONIA</b>                | TALLINN    | ESTONIA                | ESTONIA                | ESTONIA                | ESTONIA                |                                      |
| <b>FINLAND</b>                | VANTAA     | FINLAND                | FINLAND                | FINLAND                | FINLAND                |                                      |

| State           | NOF        | AIP             | MAP             | IAID            | Pre-flight briefing | Remarks                                       |
|-----------------|------------|-----------------|-----------------|-----------------|---------------------|-----------------------------------------------|
| 1               | 2          | 3               | 4               | 5               | 6                   | 7                                             |
| FRANCE          | BORDEAUX   | FRANCE          | FRANCE          | FRANCE          | FRANCE              |                                               |
| GEORGIA         | TBILISI    | GEORGIA         | GEORGIA         | GEORGIA         | GEORGIA             |                                               |
| GERMANY         | FRANKFURT  | GERMANY         | GERMANY         | GERMANY         | GERMANY             |                                               |
| GREECE          | ATHINAI    | GREECE          | GREECE          | GREECE          | GREECE              |                                               |
| HUNGARY         | BUDAPEST   | HUNGARY         | HUNGARY         | HUNGARY         | HUNGARY             |                                               |
| ICELAND         | REYKJAVIK  | ICELAND         | ICELAND         | ICELAND         | ICELAND             |                                               |
| IRELAND         | SHANNON    | IRELAND         | IRELAND         |                 | IRELAND             |                                               |
| ISRAEL          | TEL AVIV   | ISRAEL          | ISRAEL          | ISRAEL          | ISRAEL              |                                               |
| ITALY           | ROME       | ITALY           | ITALY           | ITALY           | ITALY               |                                               |
| KAZAKHSTAN      | NUR-SULTAN | KAZAKHSTAN      | KAZAKHSTAN      | SEE REMARKS     | KAZAKHSTAN          | IAID - Kazakhstan TBD                         |
| KYRGYZSTAN      | BISHKEK    | KYRGYZSTAN      | KYRGYZSTAN      | KYRGYZSTAN      | KYRGYZSTAN          |                                               |
| LATVIA          | RIGA       | LATVIA          | LATVIA          | LATVIA          | LATVIA              |                                               |
| LITHUANIA       | VILNIUS    | LITHUANIA       | LITHUANIA       | LITHUANIA       | LITHUANIA           |                                               |
| LUXEMBOURG      | BRUSSELS   | BELGIUM         | BELGIUM         | BELGIUM         | LUXEMBOURG          |                                               |
| MALTA           | MALTA      | MALTA           | MALTA           | MALTA           | MALTA               |                                               |
| MONACO          | BORDEAUX   | FRANCE          | FRANCE          | FRANCE          | FRANCE              | AIS agreement between France and Monaco.      |
| MONTENEGRO      | BELGRADE   | MONTENEGRO      | MONTENEGRO      | MONTENEGRO      | MONTENEGRO          | States Serbia and Montenegro have common AISP |
| NETHERLANDS     | AMSTERDAM  | NETHERLANDS     | NETHERLANDS     | NETHERLANDS     | NETHERLANDS         |                                               |
| NORTH MACEDONIA | SKOPJE     | NORTH MACEDONIA | NORTH MACEDONIA | NORTH MACEDONIA | NORTH MACEDONIA     |                                               |
| NORWAY          | OSLO       | NORWAY          | NORWAY          | NORWAY          | NORWAY              |                                               |
| POLAND          | WARSAW     | POLAND          | POLAND          | POLAND          | POLAND              |                                               |
| PORTUGAL        | LISBON     | PORTUGAL        | PORTUGAL        | PORTUGAL        | PORTUGAL            |                                               |

| State               | NOF        | AIP                 | MAP                 | IAID                | Pre-flight briefing | Remarks                                              |
|---------------------|------------|---------------------|---------------------|---------------------|---------------------|------------------------------------------------------|
| 1                   | 2          | 3                   | 4                   | 5                   | 6                   | 7                                                    |
| REPUBLIC OF MOLDOVA | CHISINAU   | REPUBLIC OF MOLDOVA | REPUBLIC OF MOLDOVA | REPUBLIC OF MOLDOVA | REPUBLIC OF MOLDOVA |                                                      |
| ROMANIA             | BUCURESTI  | ROMANIA             | ROMANIA             | ROMANIA             | ROMANIA             |                                                      |
| RUSSIAN FEDERATION  | MOSCOW     | RUSSIAN FEDERATION  | RUSSIAN FEDERATION  | RUSSIAN FEDERATION  | RUSSIAN FEDERATION  |                                                      |
| SAN MARINO          | ROME       | ITALY               | ITALY               | ITALY               | ITALY               |                                                      |
| SERBIA              | BELGRADE   | REPUBLIC OF SERBIA  | REPUBLIC OF SERBIA  | REPUBLIC OF SERBIA  | REPUBLIC OF SERBIA  | States Serbia and Montenegro have common AISP        |
| SLOVAKIA            | BRATISLAVA | SLOVAKIA            | SLOVAKIA            | SLOVAKIA            | SLOVAKIA            |                                                      |
| SLOVENIA            | LJUBLJANA  | SLOVENIA            | SLOVENIA            | SLOVENIA            | SLOVENIA            |                                                      |
| SPAIN               | MADRID     | SPAIN               | SPAIN               | SPAIN               | SPAIN               |                                                      |
| SWEDEN              | STOCKHOLM  | SWEDEN              | SWEDEN              | SWEDEN              | SWEDEN              |                                                      |
| SWITZERLAND         | ZURICH     | SWITZERLAND         | SWITZERLAND         | SWITZERLAND         | SWITZERLAND         | Includes the Principality of Liechtenstein.          |
| TAJIKISTAN          | MOSCOW     | RUSSIAN FEDERATION  | RUSSIAN FEDERATION  |                     |                     |                                                      |
| TURKEY              | ANKARA     | TURKEY              | TURKEY              | TURKEY              | TURKEY              |                                                      |
| TURKMENISTAN        | MOSCOW     | RUSSIAN FEDERATION  | RUSSIAN FEDERATION  |                     |                     |                                                      |
| UKRAINE             | KYIV       | UKRAINE             | UKRAINE             | UKRAINE/EAD         | UKRAINE             | AIM Services provided using national ANSP DB and EAD |
| UNITED KINGDOM      | LONDON     | UNITED KINGDOM      | UNITED KINGDOM      | UNITED KINGDOM      | UNITED KINGDOM      |                                                      |
| UZBEKISTAN          | TASHKENT   | UZBEKISTAN          | UZBEKISTAN          | UZBEKISTAN          | UZBEKISTAN          |                                                      |

**TABLE AIM II-2 - PRODUCTION RESPONSIBILITY FOR SHEETS OF THE WORLD  
AERONAUTICAL CHART - ICAO 1:1 000 000 OR AERONAUTICAL CHART — ICAO 1:  
500 000**

**EXPLANATION OF THE TABLE**

*Column:*

- 1 Name of the State accepting production responsibility.
- 2 World Aeronautical Chart — ICAO 1:1 000 000/ Aeronautical Chart — 1: 500 000 sheet number(s) for which production responsibility is accepted.
- 3 Remarks.

*Note — In those instances where the production responsibility for certain sheets has been accepted by more than one State, these States by mutual agreement should define limits of responsibility for those sheets. This should be reflected in the Remarks column*

| State                         | Sheet number(s)                    | Remarks                                                                                                                                                                                     |
|-------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                             | 2                                  | 3                                                                                                                                                                                           |
| <b>ALBANIA</b>                | 2322                               |                                                                                                                                                                                             |
| <b>ANDORRA</b>                | 2319                               | <i>Provided by France</i>                                                                                                                                                                   |
| <b>ARMENIA</b>                | 2325, 2340                         | <i>Note: Armenia to cover its own territory within Yerevan FIR</i>                                                                                                                          |
| <b>AUSTRIA</b>                | 2231, 2252, 2253                   |                                                                                                                                                                                             |
| <b>AZERBAIJAN</b>             | 2325, 2340                         |                                                                                                                                                                                             |
| <b>BELARUS</b>                | 2167, 2168, 2232, 2233             |                                                                                                                                                                                             |
| <b>BELGIUM</b>                | 2229, 2230                         | <i>FIR Brussels content related to sheet numbers 2229 and 2230</i>                                                                                                                          |
| <b>BOSNIA AND HERZEGOVINA</b> | 2251, 2252, 2321, 2322             |                                                                                                                                                                                             |
| <b>BULGARIA</b>               | 2322, 2323                         |                                                                                                                                                                                             |
| <b>CROATIA</b>                | 2251, 2252, 2321                   |                                                                                                                                                                                             |
| <b>CYPRUS</b>                 | 2425, 2426                         | <i>Note: Cyprus to cover its own territory within Nicosia FIR</i>                                                                                                                           |
| <b>CZECH REPUBLIC</b>         | 2231                               |                                                                                                                                                                                             |
| <b>DENMARK</b>                | 2151, 2170                         |                                                                                                                                                                                             |
| <b>ESTONIA</b>                | 2153                               |                                                                                                                                                                                             |
| <b>FINLAND</b>                | 2052, 2091, 2103                   |                                                                                                                                                                                             |
| <b>FRANCE</b>                 | 2229, 2230, 2253, 2254, 2319, 2320 | <i>FIR Marseille content related to sheet numbers 2253<br/>FIR Paris content related to sheet numbers 2229, 2230, 2252, 2253<br/>FIR Reims content related to sheet numbers 2230, 2253.</i> |
| <b>GEORGIA</b>                | 2324, 2325                         | <i>Note: Georgia to cover its own territory within Tbilisi FIR</i>                                                                                                                          |
| <b>GERMANY</b>                | 2169, 2170, 2230, 2231, 2252, 2253 | <i>Note: Germany to cover its own territory within its FIRs<br/>FIR Langen content related to sheet numbers 2170, 2230, 2253.<br/>FIR Bremen content related to</i>                         |

| State                      | Sheet number(s)                                                                                                                                   | Remarks                                                                                                                          |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1                          | 2                                                                                                                                                 | 3                                                                                                                                |
|                            |                                                                                                                                                   | <i>sheet numbers 2169, 2170, 2230, 2231</i><br><i>FIR Munchen content related to sheet numbers 2169, 2230, 2231, 2252, 2253.</i> |
| <b>GREECE</b>              | 2322, 2342, 2343, 2424, 2425                                                                                                                      |                                                                                                                                  |
| <b>HUNGARY</b>             | 2251, 2252                                                                                                                                        |                                                                                                                                  |
| <b>IRELAND</b>             | 2172                                                                                                                                              |                                                                                                                                  |
| <b>ISRAEL</b>              | 2426, 2447                                                                                                                                        |                                                                                                                                  |
| <b>ITALY</b>               | 2252, 2253, 2320, 2321, 2344, 2345                                                                                                                |                                                                                                                                  |
| <b>KAZAKHSTAN</b>          | 2162-64, 2235-39, 2243-48, 2326-29                                                                                                                |                                                                                                                                  |
| <b>KYRGYZSTAN</b>          | 2328, 2329, 2336                                                                                                                                  |                                                                                                                                  |
| <b>LATVIA</b>              | 2152, 2153, 2168                                                                                                                                  |                                                                                                                                  |
| <b>LITHUANIA</b>           | 2152, 2153, 2168                                                                                                                                  |                                                                                                                                  |
| <b>LUXEMBOURG</b>          |                                                                                                                                                   | <i>Provided by Belgium</i>                                                                                                       |
| <b>MALTA</b>               | 2423                                                                                                                                              |                                                                                                                                  |
| <b>MONACO</b>              | 2320                                                                                                                                              | <i>Provided by France</i>                                                                                                        |
| <b>MONTENEGRO</b>          | 2321, 2322                                                                                                                                        | <i>Note: Montenegro to cover its own territory within Beograd FIR</i>                                                            |
| <b>NETHERLANDS</b>         | 2170, 2229, 2230                                                                                                                                  | <i>FIR Amsterdam content related to sheet numbers 2170, 2229 and 2230.</i>                                                       |
| <b>NORTH MACEDONIA</b>     | 2322                                                                                                                                              |                                                                                                                                  |
| <b>NORWAY</b>              | 2052, 2090, 2105, 2151                                                                                                                            | <i>Note: Norway to cover its own territory within Polaris FIR</i>                                                                |
| <b>POLAND</b>              | 2168, 2169, 2231, 2232                                                                                                                            | <i>Note: Poland to cover its own territory within Warszawa FIR</i>                                                               |
| <b>PORTUGAL</b>            | 2318, 2347                                                                                                                                        | <i>Note: Portugal to cover its own territory within Lisboa FIR</i>                                                               |
| <b>REPUBLIC OF MOLDOVA</b> | 2232, 2233, 2250                                                                                                                                  | <i>Republic of Moldova to cover its own territory within Chisinau FIR</i>                                                        |
| <b>ROMANIA</b>             | 2250, 2251, 2322, 2323                                                                                                                            |                                                                                                                                  |
| <b>RUSSIAN FEDERATION</b>  | 2011-15, 2026-30, 2044-51, 2065-76, 2091-99, 2100-03, 2120-33, 2153-69, 2192-99, 2200-06, 2209, 2234-36, 2239-41, 2248, 2249, 2280-82, 2291, 2325 |                                                                                                                                  |
| <b>SAN MARINO</b>          |                                                                                                                                                   | <i>Provided by Italy</i>                                                                                                         |
| <b>SERBIA</b>              | 2251, 2252, 2321, 2322                                                                                                                            | <i>Note: Serbia to cover its own territory within Beograd FIR</i>                                                                |
| <b>SLOVAKIA</b>            | 2231, 2232, 2252                                                                                                                                  | <i>Note: Slovakia to cover its own territory within Bratislava FIR</i>                                                           |
| <b>SLOVENIA</b>            | 2252                                                                                                                                              |                                                                                                                                  |
| <b>SPAIN</b>               | 2318, 2319, 2320, 2345, 2346, 2347, 2420, 2455, 2536                                                                                              | <i>Note: Spain to cover its own territory within its FIRs</i>                                                                    |
| <b>SWEDEN</b>              | 2090, 2104, 2152                                                                                                                                  | 2052DC, 2090BDC, 2104ABCD, 2105BC, 2151BC, 2152ABDC, 2169AB are provided                                                         |
| <b>SWITZERLAND</b>         | 2253                                                                                                                                              | <i>FIR Switzerland content related to</i>                                                                                        |

| State                 | Sheet number(s)              | Remarks                                                           |
|-----------------------|------------------------------|-------------------------------------------------------------------|
| 1                     | 2                            | 3                                                                 |
|                       |                              | <i>sheet number 2253</i>                                          |
| <b>TAJIKISTAN</b>     | 2336, 2337, 2328             |                                                                   |
| <b>TURKEY</b>         | 2322-25, 2340-42, 2425, 2426 |                                                                   |
| <b>TURKMENISTAN</b>   | 2326, 2327, 2337             |                                                                   |
| <b>UKRAINE</b>        | 2232-34, 2249, 2250          | <i>Note: Ukraine to cover its own territory within its FIRs</i>   |
| <b>UNITED KINGDOM</b> | 2150, 2171, 2172, 2229       | Part coverage of 2172 (Ireland)<br>Part coverage of 2229 (France) |
| <b>UZBEKISTAN</b>     | 2246, 2247, 2326-28, 2337    |                                                                   |

- END -