



International Civil Aviation Organization

**Air Traffic Services Route Network Task Force (ARN TF)**

**Fifth Meeting**

*(Amman, Jordan 5 - 7 February 2012)*

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**Agenda Item 3:           Review ATS Route Network**

**REVIEW OF ATS ROUTE NETWORK**

*(Presented by the Secretariat)*

**SUMMARY**

This paper proposes the review of ATS Routes network in the MID Region.

Action by the meeting is at paragraph 3.

**REFERENCES**

- ARN TF/4 Report
- ATM/SAR/AIS SG/12 Report
- MIDANPIRG/12 Report

**1.       INTRODUCTION**

1.1           The MIDANPIRG/12 meeting, held in Amman, 9-13 October 2010 was attended by a total of seventy six (76) participants, which included experts from twelve (12) States (Bahrain, Egypt, Iraq, Iran (Islamic Republic of), Israel, Jordan, Kuwait, Lebanon, Oman, Qatar, Saudi Arabia and U.A.E.) and four (4) International Organizations (CANSO, IATA, IFALPA and Jeppesen).

1.2           The Fourth meeting of Air Traffic Services Route Network Task Force (ARN TF/4) was held in Amman, Jordan, 16-18 May 2011. The meeting was attended by a total of thirty (30) participants, including experts from nine (9) States (Bahrain, Egypt, Jordan, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates and Yemen) and (3) three International Organizations (CANSO, IACA and IATA).

1.3           The Twelfth Meeting of the MIDANPIRG ATM/SAR/AIS Sub-Group (ATM/SAR/AIS SG/12) was held at the ICAO Middle East Regional Office in Cairo, Egypt, from 21 to 24 November 2011. The meeting was attended by a total of forty nine (49) participants from nine (9) States (Bahrain, Egypt, Iran, Jordan, Kuwait, Lebanon, Oman, Saudi Arabia and UAE) and three (3) International Organizations/Agencies (IATA, MIDRMA and AVITECH).

**2.       DISCUSSION**

2.1           The meeting may wish to recall that MIDANPIRG/12 recognized the need to harmonize the implementation of RNAV 5 in the MID Region. Accordingly, MIDANPIRG/12, through Conclusion 12/9, urged States, that have not yet done so to take necessary measures to implement RNAV 5 area in the level band FL 160 - FL460.

2.2 As a follow-up action to the above-mentioned MIDANPIRG/12 Conclusion, the ICAO MID Regional Office issued State letter Ref.: AN 6/29 – 10/432 dated 16 December 2010 urging States to take necessary action and promulgate changes to their AIPs by the AIRAC date 7 April 2011.

2.3 The ATM/SAR/AIS SG/12 meeting noted with appreciation that Egypt, Kuwait, Jordan, Oman and UAE had fully implemented the changes to their AIPs. However, the meeting noted that a number of States have not yet updated their AIPs to change RNP 5 to RNAV 5. Furthermore, the meeting noted that the RNAV 5 area in the MID Region is still being implemented with different base Flight Levels (FL150, FL195, FL245, FL280). Accordingly, the meeting re-iterated the MIDANPIRG 12 Conclusion 12/9:

*CONCLUSION 12/9: RNAV 5 IMPLEMENTATION IN THE MID REGION*

*That, States that have not yet done so, be urged to:*

- a) update their AIP to change RNP 5 to RNAV 5; and*
- b) take necessary measures to implement RNAV 5 area in the level band FL 160 - FL460 (inclusive).*

2.4 The meeting may wish to note that there are a number of States that are not complying with the established procedures for the amendment of the ATS route Network, including the compliance with the AIRAC procedures. The ATM/SAR/AIS SG/12 meeting urged those States to adhere to the established ICAO procedures for amendments and establishment of ATS routes that form part of the Regional ATS route network.

2.5 The meeting may wish to note that the ARN TF/4 meeting reviewed the outcome of the First meeting of Baghdad FIR RVSM Implementation Working Group (BFRI WG/1) and proposals submitted during the ARN TF/3 meeting to relieve congestion and increase capacity, in Baghdad FIR and requested concerned States to review and agree on a reasonable time frame to implement these routes. The results of discussions are summarized as at **Appendix A** to this working paper.

2.6 With regards to the ATS Route proposals submitted by Iran during the ARN TF/3 meeting Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSJ. This solution needs further discussion and agreement by both States. The results of discussions are summarized as at **Appendix B** to this working paper.

2.7 The ARN TF/4 meeting recalled the amendment proposal to the MID BASIC ANP DOC 9708, and the response received from Egypt advising their disapproval for the implementation of the following ATS routes:

- a) **UP 555 (NWB – RASDA)**
- b) **L315 (CAIRO – HURGADA)**
- c) **G183 (NWB – TBA should be removed from the ATS Route as this route has been established as L550.**

2.8 However, Egypt informed the ARN TF/4 meeting that Military approval has been received for the implementation of ATS Route **L315 (CAIRO – HURGADA)** further coordination is planned with Saudi Arabia for the extension of the Route to **GIBAL**. The ARN TF/4 meeting noted with appreciation the initiative taken by Egypt for the establishment of a temporary Contingency Route Q680 between **SALUN** and position **DBA** in order to avoid difficulties that may be faced during the activation of the no-fly zone over an adjacent FIR to overcome any problems that may arise without hindering Air Traffic in the Region.

2.9 The meeting may wish to recall that the ARN TF/4 meeting reviewed the Table ATS 1 - ATS Routes and introduced changes to ATS Table 1 – ATS and agreed that there is a need to submit an Amendment proposal to the Basic ANP Doc 9708, the results of changes are summarized as at **Appendix C** to this working paper.

2.10 Based on the above an amendment proposal of the MID BASIC ANP Table ATS 1- ATS routes Doc 9708 was circulated to States for the required amendment under State letter Ref.: AN 6/5A - 11/190 Dated 18 July 2011. The amendment was approved by ICAO HQ on 23 September 2011 and transmitted to States on 26 September 2011 as at **Appendix D** to this working paper.

2.11 The ATM/SAR/AIS SG/12 meeting noted that based on the requests received from Egypt, Jordan and Syria related to changes to the Regional ATS Route network, an Amendment proposal to the MID BASIC ANP Table ATS 1 as at **Appendix E** to this working paper was consolidated. It was also highlighted that the amendment proposal includes the extension of the Route P751 from BRN to AMIBO, in order to align the MID Basic ANP with the AFI Basic ANP. Accordingly, the meeting agreed to the following Draft Conclusion:

*DRAFT CONCLUSION 12/1: PROPOSAL FOR AMENDMENT TO THE MID BASIC ANP ATS-1 TABLE*

*That, the ICAO MID Regional Office issue a proposal for amendment to the MID Basic ANP Doc 9708 in order to update the ATS-1 Table as at **Appendix E** to this working paper.*

2.12 Based on the above the meeting may wish to note that an amendment proposal of the MID BASIC ANP Table ATS 1- ATS routes Doc 9708 was circulated to States for the required amendment under State letter Ref.: AN 6/5A - 11/320 Dated 14 December 2011, with a required Reply date of not later than 31 January 2012.

2.13 The ATM/SAR/AIS SG/12 meeting noted that IATA Europe presented to the Second Special Coordination Meeting for the return of Libyan Airspace to Libya (**SCM-Libya/2**) held in Malta 13 – 14 October 2011, two proposed ATS Route from the Malta FIR at Fix **AMIBO** that connects with **SIDI Barrani (BRN)** in the Cairo FIR through the Tripoli and Fix **KANAR** with **AMIBO**. Libya and Malta indicated their no objections to the proposed Routes. Accordingly, the SCM-Libya/2 tasked the Eastern Southern African ICAO Regional Office (ESAF) for preparation of an amendment proposal to the AFI ANP Doc 7474. The SCM-Libya/2 meeting also agreed that the segment **AMIBO – BRN** be added as an extension to ATS Route **UP751** as for the route segment **AMIBO – KANAR** will be arranged by ESAF Office and if not possible then the ICAO MID Regional Office will have to allocate the route designator.

2.14 In response to the above, Egypt informed the ATM/SAR/AIS SG/12 meeting that their Military authorities are still studying the proposals related to the implementation of the ATS route segments **AMIBO – BRN** and **AMIBO – DBA**; however they objected the implementation of the route segment **KANAR – AMIBO**.

2.15 The meeting may wish to recall that during the ARN TF/4 a side meeting was held between Bahrain, Saudi Arabia, Yemen and IATA, where the following ATS Route proposals were discussed:

- a) New Route DUDRI to TANSU to serve traffic from (Mukallah to Abu – Dhabi and Dubai) where Bahrain will study the proposal and provide feedback to Yemen.

- b) Bahrain and Saudi Arabia briefly discussed some changes to the direction of ATS routes A145, A791 UL768 and UP559, both States further discussed the establishment of new ATS routes between their FIR's.
- c) Based on (b) above it was agreed that Bahrain will submit to GACA ATM a detailed description of the ATS routes at their planned meeting in Jeddah end of May 2011 for further studies by Saudi Arabia.
- d) IATA discussed ATS route UB411 with Saudi Arabia and will provide their input on benefits and savings. Further discussions with Egypt will be required to enable the shortening of ATS route for East bound traffic.
- e) Yemen discussed with Saudi Arabia the establishment the following routes:
  - 1) **Mukallah** (RIN) to **Sharurah** (SHA) or **Sayun** (SYN) to **Sharurah** (SHA);
  - 2) **Mukallah** (RIN) to **Riyadh** (KIA) or **THAMD** to **ASTIN**; and
  - 3) to re-align UP323 from **THAMD** to **BISHA** instead of **ALNES-WDR** detailed proposal will be submitted to GACA ATM by Yemen.

2.16 The meeting may wish to note ATS Route A/UA 411 is split into two (2) Segments in the Cairo FIR. The First Segment Starts from Rabat (Morocco) and passes through Algiers, Tunis, Tripoli FIRS and stops at SIDI Barrani (BRN) in Cairo FIR ; the second Segment Start from Cairo (CVO) Jeddah and stops at SAA in Sana'a FIR. Therefore it is required that Egypt, Saudi Arabia and Sana'a change the ATS route designator A/UA411 to the proposed ATS Designator **L/UL677**, such designation will avoid confusion to operators, increase safety and harmonize the ATS route designator.

2.17 The meeting may wish to note that ATS Route **P/UP 559** has been established from **TRF** (Jeddah FIR) extending to **VUXOR** (Bahrain Emirates FIR). However in the MID ANP the above ATS Route has been planned to start from (LCA KUKLA KAD \*Note 4 (OS) DAM \* Notes 3 (OS,OJ) TRF all the way to fix VUXOR. The remaining segment of the route that passes through Jordan, Syria and Lebanon is not implemented and will take a long time to implement. The concerned states were included in the list of deficiencies for the above route. The meeting may wish to amend the MID ANP by deleting the segment (LCA, KUKLA, KAD, DAM and TRF) and add it to the ATS Route Catalogue. Also the meeting may agree to the deletion of the deficiencies from the MANDD once the Amendment proposal has been circulated and approved by the council.

### 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) comply with the established procedures in para 2.4;
- b) review and provide comments **Appendices A, B, C and D** to this working paper;
- c) provide updates to para 2.15;
- d) recommend further action on para 2.16; and
- e) recommend further action to para 2.17.

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APPENDIX A

ATS ROUTE PROPOSALS MADE BY IRAQ DURING THE BFRI WG AND ARN TF/3 AND UPDATED BY ARN TF/4 MEETINGS

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
<b>M320 (KUWAIT – MOBIS - RAPLU)</b>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present</li> <li>- Needs further studies</li> <li>- Route was further discussed in the ARN TF/3, and Kuwait requested additional time to examine the proposal for the establishment of the ATS route.</li> </ul>	<ul style="list-style-type: none"> <li>- Still not supported by Kuwait</li> </ul>
<b>A424 (LOTAN-LOVEK)</b>	<ul style="list-style-type: none"> <li>- Saudi Arabia has no objections to Baghdad FIR</li> <li>- Proposed AIRAC date 1 July 2010</li> </ul>	<ul style="list-style-type: none"> <li>- Saudi Arabia still has no objections to check with Iraq for new implementation and coordination dates</li> </ul>
<b>G665 (ABADAN-ARAR)</b>	<ul style="list-style-type: none"> <li>- To be referred to the ARN TF/3 meeting for further discussions</li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iran and Iraq were not present in the meeting</li> </ul>
<b>G669 (NISER - SOLAT)</b>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present</li> <li>- Kuwait will carry out further study</li> <li>- Was referred to the ARN TF/3 meeting and discussed</li> <li>- Kuwait requested additional time.</li> <li>- Saudi Arabia has no objection to open the Route G669) as proposed by Iraq as the segment in Jeddah FIR is already implemented.</li> </ul>	<ul style="list-style-type: none"> <li>- Still not supported by Kuwait due Military restrictions</li> <li>- Proposed to delete segment in Saudi Arabia ;</li> <li>- Saudi Arabia Objected to the proposal; Kuwait was requested to expedite approval request to implement route</li> </ul>
<b>J222 (ALSOX – SOKAD)</b>	<ul style="list-style-type: none"> <li>- Not supported by Syria</li> <li>- <del>ATS route J222 is in close proximity with ATS route UR785 that would cause traffic conflict</del></li> <li>- <del>Iraq was asked to reconsider to join the ATS route with G202 and change the route designer.</del></li> <li>- <del>Was referred to the ARN TF/3 meeting and discussed</del></li> <li>- <del>Syria to review the proposal and will inform ICAO.</del></li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> <li>- Out dated by events deleted by Iraq</li> <li>- Route was removed from Iraq AIP</li> </ul>

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
<p><del>W8 (DEIR - ZZOR - SANANDAJ)</del></p>	<ul style="list-style-type: none"> <li>- Syria to discuss proposal with Military</li> <li>- Was referred to the ARN TF/3 meetings, and</li> <li>- Syria requested additional time to examine the proposal for the establishment of the ATS route.</li> <li>- <del>Route was removed from Iraq AIP.</del></li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> <li>- Out dated by events deleted by Iraq</li> </ul>
<p><b>UL602 (ELEXI – DEIR - ZZOR)</b></p>	<ul style="list-style-type: none"> <li>- Syria requested additional time to examine the communication requirements by concerned FIR's.</li> <li>- Once the communication issues are resolved it is expected that the ATS route will be implemented.</li> </ul>	<ul style="list-style-type: none"> <li>- Not discussed as both Iraq and Syria were not present in the meeting.</li> </ul>
<p><b>G667 (ABADAN - ALSAN)</b></p>	<ul style="list-style-type: none"> <li>- Not supported by Kuwait at present.</li> <li>- Kuwait requested additional time to examine the proposal.</li> <li>- Iraq requested that Airway be suspended until adequate radar coverage exists and RVSM has been implemented in the Baghdad (FIR).</li> </ul>	<ul style="list-style-type: none"> <li>- Still not supported by Kuwait due Military restrictions</li> <li>- Kuwait was requested to expedite approval request to implement route.</li> </ul>
<p><b>R652 (OVANO - DAXAN)</b></p>	<ul style="list-style-type: none"> <li>- Not supported by Jordan and Saudi Arabia.</li> <li>- Refer the ATS route to the MID/RMA for further studies and analysis of passing frequency.</li> <li>- ATS route R652 is in close proximity with ATS route UR785 and fix (OTILA) that would cause traffic conflict.</li> </ul>	<ul style="list-style-type: none"> <li>- Jordan and Saudi Arabia requested that Iraq to drop the proposal</li> <li>- The discussion was to be deferred for the future to have Iraq's Agreement.</li> </ul>

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APPENDIX B

ATS ROUTE PROPOSALS MADE BY IRAN DURING THE ARN TF/3 AND AS UPDATED BY THE ARN TF/4 MEETING

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
<p><b>MIDSI - IMDAT</b></p>	<ul style="list-style-type: none"> <li>- Bahrain requested additional information regarding the connection of (MIDSI - IMDAT) before considering the proposal.</li> <li>- Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSI</li> </ul>	<ul style="list-style-type: none"> <li>- This solution needs further discussion and agreement by both States.</li> <li>- Bahrain to advise ICAO MID Regional Office of the outcome since Iran was not available in the meeting.</li> </ul>
<p><b>MIDSI - DASDO</b></p>	<ul style="list-style-type: none"> <li>- Bahrain informed the meeting that they had discussed (MIDSI - DASDO) with Iran. The volume of traffic at MIDSI has exceeded the passing frequency limits. Bahrain proposed a second boundary point to create a uni-directional route. The proposal is to be subject to bi-lateral discussions between Bahrain and Iran</li> <li>- Bahrain presented a working paper providing solutions to the proposals that require the establishment of two parallel Air Ways and two Boundary points parallel to Positions ALSER and MIDSI</li> </ul>	<ul style="list-style-type: none"> <li>- This solution needs further discussion and agreement by both States.</li> <li>- Bahrain to advise ICAO MID Regional Office of the outcome since Iran was not available in the meeting.</li> </ul>
<p><b>KUMUN – PAPAR with DAPER – SYZ</b></p>	<ul style="list-style-type: none"> <li>- The UAE registered its disagreement on the proposal of Iran to amend the replacement of points KUMUN – PAPAR with DAPER – SYZ for the following reasons: <ul style="list-style-type: none"> <li>• KUMUN - PAPAR has been unavailable since December 2006 as a result of a unilateral decision by Iran, in contravention of the LOA.</li> <li>• The route remains a UAE requirement to permit safe traffic handling without a substantial detour via DARAX.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>- No change to status</li> </ul>

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION	REMARKS
	<ul style="list-style-type: none"> <li>• Contradictory coordinates have been stated for position DAPER – one of them being in Jeddah (FIR) and another would result in a head-on flow for inbound traffic to Dubai/Sharjah.</li> <li>• Rather than being deleted, A418/UA418/UP574 should be reinstated in accordance with the LOA</li> </ul>	
<p><b>KANAS - GOKSO to PG) and (BND - ORBIX</b></p>	<ul style="list-style-type: none"> <li>- Consideration of the route proposals (KANAS - GOKSO to PG) and (BND - ORBIX) did not take place.</li> <li>- State letter was sent to Oman seeking approval for the two proposed Route and a no objection was received.</li> <li>- Both Routes have been added to the Basic ANP Doc 9708.</li> <li>- For KANAS – GOSKO ATS route designator M316 was issued.</li> <li>- For BND – ORBIX, ATS route designator L430 was issued.</li> </ul>	<ul style="list-style-type: none"> <li>- <b>Waiting for Iran to establish the routes</b></li> <li>- KANAS fix Changed to <b>KATUS</b> ATS Route designator in MID ANP is M316, added to deficiency list as not implemented. Need to Amend MID ANP to reflect change.</li> </ul>
<p><b>PEKES - ANK) and (GIBAB - UMH</b></p>	<ul style="list-style-type: none"> <li>- Consideration of the route proposals (PEKES - ANK) and (GIBAB - UMH) did not take place</li> </ul>	<ul style="list-style-type: none"> <li>- <b>No change in status</b></li> </ul>

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APPENDIX C

Table ATS 1 – ATS Routes Notes

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION
Israel	- To be removed from the MID ANP Doc 9708 <b>Completed</b>
A412	- Remove Note 4 from ANP <b>Completed</b>
A413	- Delete from ANP <b>Completed</b>
A414	- To be deleted <b>Completed</b>
A791	- Bahrain and Saudi Arabia briefly discussed some changes to the direction of ATS routes A145, A791 UL768 and UP559, both States further discussed the establishment of new ATS routes between their FIR's.  - Based on the above it was agreed that Bahrain will submit to GACA ATM a detailed description of the ATS routes at their planned meeting in Jeddah end of May 2011 for further studies by Saudi Arabia.
B406	- To be deleted <b>Completed</b>
B412	- Segment DAM – ASH – HLF not achievable agreed to be moved to ATS Route Catalogue. <b>Completed</b>
B505	- To be extended from EGATL to PASNI <b>Completed</b>
G183	- Delete NWB from route <b>Completed</b>
G662	- BUSRA – GURAIT implementation date 2-June-2011, Jordan. - Remove DAM and Note 1 and 3 from ANP <b>Completed</b>
G663	- Optimization of ATS route between Riyadh <b>SILNO</b> and King Fahad is required.
G799	- Same route designator as UL573 Saudi Arabia to review and advice which route designator to keep.
L200	- Re-alignment 2- June- 2011 Jordan - Iraq changed location of FIX PASIP without coordination follow up required.
L315	- Approved for implementation June 2011 Egypt, - To discuss with Saudi Arabia on the route direction.  - Route Direction not optimal as one segment is Eastbound and the other side is Westbound. Suggest that the Route be optimized in an Eastbound direction for Airlines to benefit from the route. Saving is approximately 32NM using

DESCRIPTION OF ATS ROUTE PROPOSAL	DECISION
	ATS route <b>N315 HGD GIBAL M686 JDW</b> against <b>B418 HGD WEJ UL573 KULKI UT510 MESBA RGB B412 JDW</b> .
<b>L443</b>	- RNAV 1 Route not Implemented Qatar
<b>L513</b>	- Amend ANP by removing KAD/CAK and extend LEBOR to MURAK. Due duplication of N1 in EUR/NAT Region. <b>Completed</b>
<b>M425</b>	- Implemented by Lebanon upon request from ICAO MID due duplication of M4 in EUR/NAT Region - To be added to ANP Amendment. <b>Completed</b>
<b>UM690</b>	- Planned Implementation date 2 – June 2011 <b>Completed</b>
<b>P/UP302</b>	- To be removed from ANP <b>Completed</b>
<b>P/UP425</b>	- Not implemented Bahrain <b>Implemented</b>
<b>UP555</b>	- To be removed from the ANP and to be added to the ATS Route Catalogue <b>Completed</b>
<b>P693</b>	- Used as Contingency route during Gulf War delete the route <b>Removed</b>
<b>R219</b>	- To be removed re-designated as UM691 <b>Completed</b>
<b>UR219</b>	- Proposed to rename to UL768 from OTILA to FIRAS to avoid ambiguity, duplication and to harmonize the route - Syria not present <b>Changed to UL768</b>
<b>R652</b>	- METZA QATRINA remove AQABA from ANP <b>Completed</b>
<b>R659</b>	- DOH BAT planned for implementation as a timed out route Qatar - Portion PURDA – SHA – ATBOT not implemented by Saudi Arabia - Requested support of Saudi Arabia to look into implementing the route from BAT direct to RAGNI

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APPENDIX D

TABLE ATS 1 – ATS ROUTES  
TABLEAU ATS 1 – ROUTES ATS  
TABLA ATS 1 – RUTAS ATS

*EXPLANATION OF THE TABLE*

*Column*

1 Designator of ATS route.

2 Significant points defining the ATS routes. Only prominent locations have been listed. Additional points where facilities are provided to complete navigational guidance along a route, but not otherwise marking significant characteristics of the route (change of heading of centre line, intersection with other routes, etc.) have normally not been included. Locations shown in parentheses indicate significant points outside the Region.

*Note 1.* Not representing the operator's requirements. Operator's required route and/or nav aids are shown in square brackets ( [ ] ).

*Note 2.* Subject to further study. Including the associated navigation aid coverage.

*Note 3* Subject to military agreement.

*Note 4.* Not acceptable at present.

*Note 5.* At present, implementation possible only during specific periods (e.g. weekends, nights, etc., as published).

*Note 6.* At present, implementation of the RNAV route only possible above FL 300, or as published.

*Note 7.* Unidirectional use.

*Note 8.* For ATS route or part thereof is RNAV 1

Whenever reference to name States is made in Table ATS 1 in connection with the above notes, the following abbreviations, based on those indicated in Location Indicators (Doc 7910), are used:

HE	Egypt	OK	Kuwait
HL	Libyan Arab Jamahiriya	OL	Lebanon
HS	Sudan	OM	United Arab Emirates
<del>IL</del>	<del>Israel</del>	OO	Oman
OB	Bahrain	OR	Iraq
OE	Saudi Arabia	OS	Syrian Arab Republic
OI	Iran, Islamic Republic of	OT	Qatar
OJ	Jordan	OY	Yemen

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**A1 METRU 340000N 0250900E  
SOKAL 323601N 0273706E  
KATEX 320701N 0282436E  
BOPED 312939N 0292655E  
ALEXANDRIA (AXD) 311113N  
0295701E  
MENKU 310531N 0301806E  
CAIRO (CVO) 300532N  
0312318E**

**UA1 METRU 340000N 0250900E  
SOKAL 323601N 0273706E  
KATEX 320701N 0282436E  
BOPED 312939N 0292655E  
ALEXANDRIA (AXD) 311113N  
0295701E  
MENKU 310531N 0301806E  
CAIRO (CVO) 300532N 0312318E**

**A16 RASDA 330600N 0305700E  
MILAD 320201N 03104406E  
BALTIM (BLT) 313144N  
0311035E  
DEGDI 311429N 0311035E  
CAIRO (CVO) 300532N  
0312318E**

**UA16 RASDA 330600N 0305700E  
MILAD 320201N 03104406E  
BALTIM (BLT) 313144N  
0311035E  
DEGDI 311429N 0311035E  
CAIRO (CVO) 300532N 0312318E**

**A145 PLH 3513.7N 02340.9E  
SALUN 340000N 0242700E \*  
BRN 3134.5N 02600.3E  
KHG 2526.9N 03035.4E  
(LUXOR) 2445.0N 03246.1E  
IMRAD 260500N 0354400E  
WEJH 2610.8N 03629.3E  
HLF 262600N 03916.1E  
GASSIM 2617.9N 04346.8E  
MGA 2617.3N 04712.4E  
ALMAL 2615.9N 04821.1E  
KING FAHD 2621.9N 04949.2E**

**UA145 PLH 3513.7N 02340.9E  
SALUN 340000N 0242700E \*  
BRN 3134.5N 02600.3E  
KHG 2526.9N 03035.4E  
(LUXOR) 2445.0N 03246.1E  
IMRAD 260500N 0354400E  
WEJH 2610.8N 03629.3E  
HLF 262600N 03916.1E  
GASSIM 2617.9N 04346.8E  
MGA 2617.3N 04712.4E  
ALMAL 2615.9N 04821.1E  
KING FAHD 2621.9N 04949.2E**

**A408 (ADDIS ABABA) GWZ  
SALEH 140000N 0420000E  
ORNIS 1416.2N04236.9E  
HODEIDAH 1446.4N 04259.2E**

**UA408 (ADDIS ABABA) GWZ  
SALEH 140000N 0420000E  
ORNIS 1416.2N04236.9E  
HODEIDAH 1446.4N 04259.2E**

**A411 (CAIRO) 3005.5N 03123.3E  
MENLI 2947.0N 03152.1E  
KAMIS 2917.0N 03236.1E  
SHARM EL SHEIKH  
PASAM 2730.8N 03455.7E**

**UA411 (CAIRO) 3005.5N 03123.3E  
MENLI 2947.0N 03152.1E  
KAMIS 2917.0N 03236.1E  
SHARM EL SHEIKH  
PASAM 2730.8N 03455.7E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**\*Note 7(OE)**

**WEJH 2610.8N 03629.3E**  
**MUVAT 2537.9N 03654.8E**  
**YEN 2409.0N 03802.3E**  
~~PURGA 2336.3N 03817.4E~~  
~~MOSIM 2236.2N 03844.9E~~  
**JDW 2140.7N 03910.0E**  
~~GINDI 2053.4N 03949.6E~~  
~~NABEL 2001.9N 04032.1E~~  
**QUN 1922.2N 04104.5E**  
**TALIB 1838.9N 04131.2E**  
**GIZ 1654.5N 04234.7E**  
**NABAN 1631.4N 04301.8E**  
**IMSIL 1557.6N 04313.2E**  
**SAA 1530.0N 04413.2E**

**\*Note 7(OE)**

**WEJH 2610.8N 03629.3E**  
**MUVAT 2537.9N 03654.8E**  
**YEN 2409.0N 03802.3E**  
~~PURGA 2336.3N 03817.4E~~  
~~MOSIM 2236.2N 03844.9E~~  
**JDW 2140.7N 03910.0E**  
~~GINDI 2053.4N 03949.6E~~  
~~NABEL 2001.9N 04032.1E~~  
**QUN 1922.2N 04104.5E**  
**TALIB 1838.9N 04131.2E**  
**GIZ 1654.5N 04234.7E**  
**NABAN 1631.4N 04301.8E**  
**IMSIL 1557.6N 04313.2E**  
**SAA 1530.0N 04413.2E**

**A412 TANF**  
~~\*Note 4(OJ)~~  
**ZELAF 325656N 0371121E**  
**DAXEN 324444N 0374105E**  
**ASLON 321211N 0365111E**  
~~NADEK 322728N 0371429E~~  
**KUPRI 320825N 0364530E**  
**LUDAN 320256N 0363713E**  
**QAA 314423N 0360926E**

**UA412 TANF**  
~~\*Note 4(OJ)~~  
**ZELAF 325656N 0371121E**  
**DAXEN 324444N 0374105E**  
**ASLON 321211N 0365111E**  
~~NADEK 322728N 0371429E~~  
**KUPRI 320825N 0364530E**  
**LUDAN 320256N 0363713E**  
**QAA 314423N 0360926E**

**A413 ~~TESSO 2828.9N 04927.4E~~**  
~~VUXAL 2835.5N 04946.1E~~

**UA413 ~~TESSO 2828.9N 04927.4E~~**  
~~VUXAL 2835.5N 04946.1E~~

**A414 ~~GITLA 3219.1N 03402.8E~~**  
~~(SIFIA)~~

**UA414 ~~GITLA 3219.1N 03402.8E~~**  
~~(SIFIA)~~

**A415 KING KHALID**  
**HSA 2516.7N 04929.0E**  
**DOHA**  
**\* Note 5(OE,OB)**  
**SHARJAH**

**UA415 KING KHALID**  
**HSA 2516.7N 04929.0E**  
**DOHA**  
**\* Note 5(OE,OB)**  
**SHARJAH**

**A416 TABRIZ (TBZ)**  
**ARDABIL (ARB)**  
**RASHT (RST)**

**UA416 TABRIZ (TBZ)**  
**ARDABIL (ARB)**  
**RASHT (RST)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**RAMSAR (RSR)**  
**NOSHAHR (NSR)**  
**DASHTE NAZ (DNZ)**  
**SABZEVAR (SBZ)**  
**MASHHAD (MSD)**  
**SOKAM 331316N 0603754E**

**RAMSAR (RSR)**  
**NOSHAHR (NSR)**  
**DASHTE NAZ (DNZ)**  
**SABZEVAR (SBZ)**  
**MASHHAD (MSD)**  
**SOKAM 331316N 0603754E**

**A417 PUTRA 165432N 0525631E**  
**LOTEL 180926N0514103E**  
**IMPOS 183136N 0511848E**  
**SILPA 184953N 0510158E**  
**ASTIN 200410N 0495320E**  
**NONGA 205048N 0492014E**  
**ALRIK 220631N 0482535E**  
**AMBAG 230529N 0474611E**  
**RESAL 240649N 0470427E**  
**KIA 245310N 0464534E**

**UA417 PUTRA 165432N 0525631E**  
**LOTEL 180926N0514103E**  
**IMPOS 183136N 0511848E**  
**SILPA 184953N 0510158E**  
**ASTIN 200410N 0495320E**  
**NONGA 205048N 0492014E**  
**ALRIK 220631N 0482535E**  
**AMBAG 230529N 0474611E**  
**RESAL 240649N 0470427E**  
**KIA 245310N 0464534E**

**A418 KUMUN 254000N 0551515E**  
**PAPAR 2640N 05427E**  
**\* Note 7**  
**Segment KUMUN-PAPAR**  
**(OI and OM)**  
**SHIRAZ (SYZ)**

**UA418 KUMUN 254000N 0551515E**  
**PAPAR 2640N 05427E**  
**\* Note 7**  
**Segment KUMUN-PAPAR**  
**(OI and OM)**  
**SHIRAZ (SYZ)**

**A419 (ASHGABAT)**  
**RIKOP 3740.0N 05814.8E**  
**SABZEVAR (SBZ)**  
**TABAS (TBS)**  
**DARBAND (DAR)**  
**KERMAN (KER)**  
**BANDAR ABBAS (BND)**  
**DARAX 260942N 0555300E**  
**SHARJAH**  
**MIADA 245112N 0545736E**  
**ADV 2425.1N 05440.4E**  
**MUSEN 2414.6N 05432.6E**  
**GOLGU 231051N 0523109E**  
**KITAP 224928N 0522923E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**KUTMA 182927N 0481202E**  
**SHARURAH (SHA)**

**UA419 (ASHGABAT)**  
**RIKOP 3740.0N 05814.8E**  
**SABZEVAR (SBZ)**  
**TABAS (TBS)**  
**DARBAND (DAR)**  
**KERMAN (KER)**  
**BANDAR ABBAS (BND)**  
**DARAX 260942N 0555300E**  
**SHARJAH**  
**MIADA 245112N 0545736E**  
**ADV 2425.1N 05440.4E**  
**MUSEN 2414.6N 05432.6E**  
**GOLGU 231051N 0523109E**  
**KITAP 224928N 0522923E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**KUTMA 182927N 0481202E**  
**SHARURAH (SHA)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**SANA'A  
HODEIDA**

- A422 UROMIYEH (UMH)  
SETNA 3756.3N 04555.4E  
TABRIZ  
PARSABAD (PAD)  
PARSU 3937.8N 04804.8E  
KARAD 4014.3N 04929.5E  
(BAKU)**
- A424 LOVEK 322208N 04440 01E  
LOTAN 2959.7N 04338.8E  
RAFHA  
HAIL  
MADINAH (PMA)  
ASTOL 2255.0N 03935.2E  
KING ABDULAZIZ (JDW)**
- A453 PIRAN 2934.1N 06128.1E  
ZAHEDAN (ZDN)  
BANDAR ABBAS (BND)  
GHESHM (KHM)  
BANDAR LENGEH (LEN)  
KISH  
MIDSI 2641.7N05152.5E  
TOBLI 262134N0512301E  
OTATA 261843N0510052E  
BAHRAIN  
\* Note 7 (OB, OI)  
PEBOS 262722N0503043E  
RULEX 264529N0501745E  
ALVUN 271028N0494455E  
SOLEM 275229N0491136E  
KUMBO 281705N0495526E  
AWADI 2834.5N 04843.9E  
DEBTI 2844.1N 04829.4E  
KUA 2913.1N 04759.1E**
- A454 (KC) 2454.6N 06710.6E  
BEGIM 2443.0N 06700.0E**

**SANA'A  
HODEIDA**

- UA422 UROMIYEH (UMH)  
SETNA 3756.3N 04555.4E  
TABRIZ  
PARSABAD (PAD)  
PARSU 3937.8N 04804.8E  
KARAD 4014.3N 04929.5E  
(BAKU)**
- UA424 LOVEK 322208N 04440 01E  
LOTAN 2959.7N 04338.8E  
RAFHA  
HAIL  
MADINAH (PMA)  
ASTOL 2255.0N 03935.2E  
KING ABDULAZIZ (JDW)**
- UA453 PIRAN 2934.1N 06128.1E  
ZAHEDAN (ZDN)  
BANDAR ABBAS (BND)  
GHESHM (KHM)  
BANDAR LENGEH (LEN)  
KISH  
MIDSI 2641.7N05152.5E  
TOBLI 262134N0512301E  
OTATA 261843N0510052E  
BAHRAIN  
\* Note 7 (OB, OI)  
PEBOS 262722N0503043E  
RULEX 264529N0501745E  
ALVUN 271028N0494455E  
SOLEM 275229N0491136E  
KUMBO 281705N0495526E  
AWADI 2834.5N 04843.9E  
DEBTI 2844.1N 04829.4E  
KUA 2913.1N 04759.1E**
- UA454 (KC) 2454.6N 06710.6E  
BEGIM 2443.0N 06700.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**\* Note 7 (OO, OP)**

**MELOM 2505.0N 06632.0E**  
**PUNEL 2520.0N 06523.0E**  
**PARET 2527.2N 06451.5E**  
**TAPDO 242400N 0612000E**  
**VUSET 235540N 0590812E**  
**PASOV 243841N 0565037E**

**\* Note 7 (OO, OP)**

**MELOM 2505.0N 06632.0E**  
**PUNEL 2520.0N 06523.0E**  
**PARET 2527.2N 06451.5E**  
**TAPDO 242400N 0612000E**  
**VUSET 235540N 0590812E**  
**PASOV 243841N 0565037E**

**A727 (PAXIS 3357.1N 02720.0E**  
**OTIKO 3134.3N 02936.6E**  
**ALEXANDRIA (AXD)**  
**MENKU 3105.5N 03018.1E**  
**CAIRO (CVO)**  
**LUXOR (LXR)**  
**ABU SIMBLE (SML)**  
**NUBAR 220000N 03118.1E**  
**MEROWE (MRW)**  
**KHARTOUM (KTM)**  
**KENANA (KNA)**  
**LODWAR (LOV)**  
**NAKURU (NAK)**  
**NAIROBI (NV)**  
**KILIMANJARO (KV)**

**UA727 (PAXIS 3357.1N 02720.0E**  
**OTIKO 3134.3N 02936.6E**  
**ALEXANDRIA (AXD)**  
**MENKU 3105.5N 03018.1E**  
**CAIRO (CVO)**  
**LUXOR (LXR)**  
**ABU SIMBLE (SML)**  
**NUBAR 220000N 03118.1E**  
**MEROWE (MRW)**  
**KHARTOUM (KTM)**  
**KENANA (KNA)**  
**LODWAR (LOV)**  
**NAKURU (NAK)**  
**NAIROBI (NV)**  
**KILIMANJARO (KV)**

**UA775 REXOD 211230N 0613830E**  
**TUMET 222307N 0595702E**  
**IMDEK 224647N 0592217E**  
**OBTIN 230216N 0585920E**  
**KUSRA 231726N 0585102E**

**A777 TONVO 250500N 0563200E**  
**BUBAS 245938N 05700 03E**  
**\* Note 7 (OO)**  
**NADSO 244957N 0574926E**  
**MUNGA 242516N 0584533E**  
**MIXOL 240618N 0592739E**  
**VAXIM 231900N 0611100E**

**A788 HALAIFAH**  
**HAIL**  
**HAFR AL BATIN (HFR)**  
**\*Note 7**  
**WAFRA 2837. 3N 04757. 5E**

**UA788 HALAIFAH**  
**HAIL**  
**HAFR AL BATIN (HFR)**  
**\*Note 7**  
**WAFRA 2837. 3N 04757. 5E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>PATIR 285606N 0492923E KHARK (KHG) SHIRAZ</b>		<b>PATIR 285606N 0492923E KHARK (KHG) SHIRAZ</b>
<b>A791</b>	<b>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN *Note 7 Bahrain- LOTIT 264856N0511237E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E KANAS 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E</b>	<b>UA791</b>	<b>MENLI 2947.0N 03152.1E SISIK 2936.0N 03241.E NUWEIBAA KITOT 2902.1N 03450.8E *Note 7 (OE) SOBAS 2756.0N 03904.9E HAIL BPN 2703.2N 04526.7E KING FAHD BAHRAIN *Note 7 Bahrain- LOTIT 264856N0511237E NADAM 255854N 0533933E SHARJAH (SHJ) 2519.7N 05531.3E IMLOT 2517.1N 05708.1E <b>KANAS</b> 2515.9N 05747.0E DIVAB 2510.7N 05952.1E EGPIC 2508.6N 06029.5E (JIWANI) LATEM 2431.7N 06449.7E</b>
<b>B12</b>	<b>TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E</b>	<b>UB12</b>	<b>TANSA 340000N 0264900E SOKAL 323601N 0273706E EL DABA (DBA) 310041N 0282801E KATAB 292501N 0290506E BOPOS 264318N 0300722E DEPNO 262438N 0301413E EL KHARGA (KHG) 252654N 0303527E ABU SIMBEL (SML) 222118N 0313719E</b>
<b>B121</b>	<b>RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E</b>	<b>UB121</b>	<b>RUDESHUR (RUS) RASHT (RST) MAGRI 385408N 0462300E</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**B400** MUSCAT (MCT)  
ITURA 232351N 0580720E  
IZKI (IZK)  
HAIMA (HAI)  
ASTUN 180832N0551040E  
DAXAM 171612N 0544715E  
MUTVA 165325N 0543201E  
IMKAD 155245N 0535147E  
NODMA 152603N 0533358E  
RIGAM 143932N 0530414E  
RAPDO 132317N 0521532E  
VEDET 120134N 0512410E  
(MOGADISHU)

**UB400** MUSCAT (MCT)  
ITURA 232351N 0580720E  
IZKI (IZK)  
HAIMA (HAI)  
ASTUN 180832N0551040E  
DAXAM 171612N 0544715E  
MUTVA 165325N 0543201E  
IMKAD 155245N 0535147E  
NODMA 152603N 0533358E  
RIGAM 143932N 0530414E  
RAPDO 132317N 0521532E  
VEDET 120134N 0512410E  
(MOGADISHU)

**UB403** MANDERA  
BOMIX 121002N 0502757E  
ODBEN 123747N 0505648E  
KAVAN 133250N 0515431E  
RIGAM 143932N 0530414E

**B404** HARGA (HARGEISA)  
DEMGO 120258N 0483040E  
PURKA 131208N 0503042E  
GESIX 134440N 0512823E  
RIGAM 143932N 0530414E

**UB404** HARGA (HARGEISA)  
DEMGO 120258N 0483040E  
PURKA 131208N 0503042E  
GESIX 134440N 0512823E  
RIGAM 143932N 0530414E

**B406** ~~BEN GURION (BGN)~~  
(LARNACA)

**UB406** ~~BEN GURION (BGN)~~  
(LARNACA)

**B407** KING ABDULAZIZ (JDW)  
KAROX 205717N 0381547E  
MAHDI 2026.0N 03739.3E  
(PORT SUDAN) PSD

**UB407** KING ABDULAZIZ (JDW)  
KAROX 205717N 0381547E  
MAHDI 2026.0N 03739.3E  
(PORT SUDAN) PSD

**B411** METSA 2930.0N 03500.0E  
AL SHIGAR (ASH)  
ARAR (AAR)  
LOVEK 3222.1N 04440.0E  
NOLDO 3249.5N 04521.5E  
PAXAT 332056N 0460519E  
ILAM (ILM)  
KERMANSHAH(KMS)

**UB411** METSA 2930.0N 03500.0E  
AL SHIGAR (ASH)  
ARAR (AAR)  
LOVEK 3222.1N 04440.0E  
NOLDO 3249.5N 04521.5E  
PAXAT 332056N 0460519E  
ILAM (ILM)  
KERMANSHAH(KMS)

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>SAVEH (SAV)</b> <b>[TEHRAN] (TRN)</b> <b>* Note 1</b> <b>DEHNAMAK (DHN)</b> <b>SABZEVAR (SBZ)</b> <b>MASHHAD (MSD)</b>	<b>SAVEH (SAV)</b> <b>[TEHRAN] (TRN)</b> <b>* Note 1</b> <b>DEHNAMAK (DHN)</b> <b>SABZEVAR (SBZ)</b> <b>MASHHAD (MSD)</b>
<b>B412</b>	<del><b>DAMASCUS (DAM)</b></del> <del><b>* Note 4(OS, OJ)</b></del> <del><b>[AMMAN]</b></del> <del><b>AL SHIGAR (ASH)</b></del> <b>HALAIFA (HLF)</b> <b>RABIGH (RBG)</b> <b>[KING ABDULAZIZ ] (JDW)</b>	<del><b>DAMASCUS (DAM)</b></del> <del><b>* Note 4(OS, OJ)</b></del> <del><b>[AMMAN]</b></del> <del><b>AL SHIGAR (ASH)</b></del> <b>HALAIFA (HLF)</b> <b>RABIGH (RBG)</b> <b>[KING ABDULAZIZ ] (JDW)</b>
<b>B413</b>	<b>LADEN 1853.7N 03805.1E</b> <b>DANAK 1608.0N 04129.0E</b> <b>HODEIDAH</b> <b>TAIZ</b> <b>ADEN</b> <b>ZIZAN 1151.6N 04539.2E</b> <b>AVIMO 0332.9N 05052.6E</b>	<b>LADEN 1853.7N 03805.1E</b> <b>DANAK 1608.0N 04129.0E</b> <b>HODEIDAH</b> <b>TAIZ</b> <b>ADEN</b> <b>ZIZAN 1151.6N 04539.2E</b> <b>AVIMO 0332.9N 05052.6E</b>
<b>B415</b>	<b>DOHA (DOH)</b> <b>AFNAN 2508.9N 05155.9E</b> <b>BUNDU 2500.4N 05229.4E</b> <b>GADVO 2441.4N 05343.0E</b> <b>KUNGU 2437.9N 05356.4E</b> <b>ABU DHABI</b> <b>ADV 2425.1N 05440.4E</b>	<b>DOHA (DOH)</b> <b>AFNAN 2508.9N 05155.9E</b> <b>BUNDU 2500.4N 05229.4E</b> <b>GADVO 2441.4N 05343.0E</b> <b>KUNGU 2437.9N 05356.4E</b> <b>ABU DHABI</b> <b>ADV 2425.1N 05440.4E</b>
<b>B416</b>	<b>KUWAIT (KUA)</b> <b>TESSO 282852N0492723E</b> <b>GEVAL 283625N0492722E</b> <b>KUVER 280924N0500600E</b> <b>IMDAT 2741.0N 05111.0E</b> <b>ORSAR 2604.5N 05357.5E</b> <b>PEBAT 2551.9N 05423.9E</b> <b>DESDI 2536.0N 05442.5E</b>	<b>KUWAIT (KUA)</b> <b>TESSO 282852N0492723E</b> <b>GEVAL 283625N0492722E</b> <b>KUVER 280924N0500600E</b> <b>IMDAT 2741.0N 05111.0E</b> <b>ORSAR 2604.5N 05357.5E</b> <b>PEBAT 2551.9N 05423.9E</b> <b>DESDI 2536.0N 05442.5E</b>
<b>B417</b>	<b>MAHSHAHR (MAH)</b>	<b>MAHSHAHR (MAH)</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**TULAX 2938 53N 04903 01E**  
**DESLU 2928.0N 04901.8E**  
**ALVIX 2919.3N04824.2E**  
**KUWAIT (KUA)**  
 \*See Note 3  
**HAFR AL BATIN (HFR)**  
**KMC**  
**GASSIM (GAS)**  
**BIR-DARB (BDB)**  
**TANGA TAGNA 231652N**  
**0403851E**  
**KING ABDULAZIZ (JDW)**

**TULAX 2938 53N 04903 01E**  
**DESLU 2928.0N 04901.8E**  
**ALVIX 2919.3N04824.2E**  
**KUWAIT (KUA)**  
 \*See Note 3  
**HAFR AL BATIN (HFR)**  
**KMC**  
**GASSIM (GAS)**  
**BIR-DARB (BDB)**  
**TANGA TAGNA 231652N**  
**0403851E**  
**KING ABDULAZIZ (JDW)**

**B418 SEMRU 280200N 0320306E**  
**HURGHADA (HGD)**  
**SILKA 263400N 0352900E**  
**WEJH (WEJ)**  
**KODIN 2517.9N 03836.2E**  
**MADINAH(PMA)**  
**BIR DARB (BDB)**  
**AL DAWADMI (DAW)**  
**KING KHALID (KIA)**  
**ALMAL 2615.9N 04821.1E**  
**LOTIT 264856N0511237E**  
**MIDSI 264142N0515442E**

**UB418 SEMRU 280200N 0320306E**  
**HURGHADA (HGD)**  
**SILKA 263400N 0352900E**  
**WEJH (WEJ)**  
**KODIN 2517.9N 03836.2E**  
**MADINAH(PMA)**  
**BIR DARB (BDB)**  
**AL DAWADMI (DAW)**  
**KING KHALID (KIA)**  
**ALMAL 2615.9N 04821.1E**  
**LOTIT 264856N0511237E**  
**MIDSI 264142N0515442E**

**B419 (DHA) 261538N 0500824E**  
**KING FAHD (KFA)**  
**RAMSI 270249N 0500714E**

**UB419 (DHA) 261538N 0500824E**  
**KING FAHD (KFA)**  
**RAMSI 270249N 0500714E**

**B424 ITOLI 152825N 0450927E**  
**SABEL 185200N 05203.7E**  
**OTISA 201000N 0554556E**  
**GISKA 213503N 0574014E**

**UB424 ITOLI 152825N 0450927E**  
**SABEL 185200N 05203.7E**  
**OTISA 201000N 0554556E**  
**GISKA 213503N 0574014E**

**B441 MASHHAD (MSD)**  
**OTRUZ 363108N 0610956E**  
**MARAD 3637.6N 06127.8E**  
**ASHGABAT (FIR)**

**UB441 MASHHAD (MSD)**  
**OTRUZ 363108N 0610956E**  
**MARAD 3637.6N 06127.8E**  
**ASHGABAT (FIR)**

**B451 DEHNAMAK (DHN)**  
**BOJNORD (BRD)**  
**DOLOS 375006N 0580200E**

**UB451 DEHNAMAK (DHN)**  
**BOJNORD (BRD)**  
**DOLOS 375006N 0580200E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**(ASHGABAT) (ASB)**

<b>B457</b>	<b>BAHRAIN (BAH)</b> <b>* Note7</b> <b>ELOSA 2548.8N 05142.6E</b>
<b>B505</b>	<b>LALDO 251806N 0563600E *</b> <b>Note 7/8 (OO)</b> <b>NADSO 244957N 0574926E</b> <b>ITLOB 244325N 0590701E</b> <b>EGTAL 2434 58N 06037 24E</b> <b>APELO 2434.9N 0612000E</b> <b>PASNI (PI) 2517.3N 06320.9E</b>
<b>B524</b>	<b>NADSO 244957N 0574926E</b> <b>* Note 7</b> <b>DAMUM 243236N 0591307E</b> <b>VEKAN 241235N 0604454E</b> <b>ALPOR 2404 42N 06120E</b>
<b>B526</b>	<b>(ASMARA) ASM</b> <b>HODEIDAH (HDH)</b> <b>MUKALLA (RIN)</b> <b>RIGAM 143932N 0530414E</b>
<b>B535</b>	<b>(DJIBOUTI) DTI</b> <b>ADEN (KRA)</b> <b>MUKALLA (RIN)</b> <b>KAPET 1633 22N 0530614E</b> <b>SALALAH (SLL)</b> <b>ASTUN 180832N0551040E</b>
<b>B538</b>	<b>ALEPPO</b> <b>KARIATAIN</b>
<b>B540</b>	<b>GERAR 240600N 0573616</b> <b>PASOV 243841N 0565037E</b> <b>KUPMA 245148N 0562648E</b> <b>BUBIN 245742N 0560642E</b>
<b>B544</b>	<b>(GAZIANTEP) GAZ</b>

**(ASHGABAT) (ASB)**

<b>UB457</b>	<b>BAHRAIN (BAH)</b> <b>* Note7</b> <b>ELOSA 2548.8N 05142.6E</b>
<b>UB526</b>	<b>(ASMARA) ASM</b> <b>HODEIDAH (HDH)</b> <b>MUKALLA (RIN)</b> <b>RIGAM 143932N 0530414E</b>
<b>UB535</b>	<b>(DJIBOUTI) DTI</b> <b>ADEN (KRA)</b> <b>MUKALLA (RIN)</b> <b>KAPET 1633 22N 0530614E</b> <b>SALALAH (SLL)</b> <b>ASTUN 180832N0551040E</b>
<b>UB538</b>	<b>ALEPPO</b> <b>KARIATAIN</b>
<b>UB544</b>	<b>(GAZIANTEP) GAZ</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ALEPPO (ALE)**  
**TANF (TAN)**  
**TURAI (TRF)**  
**AL SHIGAR (ASH)**  
**HALAIFA (HLF)**  
**MADINAH (PMA)**  
**RABIGH (RBG)**  
**KING ABDULAZIZ (JDW)**  
**QUNFIDAH (QUN)**  
**ABHA (ABH)**  
**NOBSU**  
**KRA**

**ALEPPO (ALE)**  
**TANF (TAN)**  
**TURAI (TRF)**  
**AL SHIGAR (ASH)**  
**HALAIFA (HLF)**  
**MADINAH (PMA)**  
**RABIGH (RBG)**  
**KING ABDULAZIZ (JDW)**  
**QUNFIDAH (QUN)**  
**ABHA (ABH)**  
**NOBSU**  
**KRA**

**B549**    **THAMUD 171700N 0495500E**  
**ITELI 171310N 0502605E**  
**GOGRI 170752N 0510857E**  
**TONRO 165850N 0522235E**  
**PUTRA 165432N 0525631E**  
**LADAR 165324N 0534655E**  
**MUTVA 165325N 0543201E**  
**KIVEL 165306N 0553633E**

**UB549**    **THAMUD 171700N 0495500E**  
**ITELI 171310N 0502605E**  
**GOGRI 170752N 0510857E**  
**TONRO 165850N 0522235E**  
**PUTRA 165432N 0525631E**  
**LADAR 165324N 0534655E**  
**MUTVA 165325N 0543201E**  
**KIVEL 165306N 0553633E**

**G183**    **(KAROL 3252.0N 03229.0E)**  
**PASOS**  
**EL ARISH (ARH)**  
**TABA (TBA)**  
~~**NUWEIBAA (NWB)**~~

**G202**    **(VELOX 3349.0N 03405.0E)**  
**SILKO 3347.9N 03435.0E**  
**KHALDEH (KAD)**  
**\* Note 4 (OS)**  
**DAKWE 3338.9N 03555.0E**  
**DAMASCUS (DAM)**  
**TANF (TAN)**  
**MODIK 3328.1N 03901.0E**  
**RAPLU 3323.0N 04145.5E**  
**PUSTO 3321.0N 04245.0E**  
**DELM I 331918.31N 0431327.59E**  
**LAGLO 331538N 0441457E**  
**ITOVA 331950.91N 0444128.97E**  
**RAGET 3330.8N 04553.8E**  
**ILAM (ILM)**

**UG202**    **(VELOX 3349.0N 03405.0E)**  
**SILKO 3347.9N 03435.0E**  
**KHALDEH (KAD)**  
**\* Note 4 (OS)**  
**DAKWE 3338.9N 03555.0E**  
**DAMASCUS (DAM)**  
**TANF (TAN)**  
**MODIK 3328.1N 03901.0E**  
**RAPLU 3323.0N 04145.5E**  
**PUSTO 3321.0N 04245.0E**  
**DELM I 331918.31N 0431327.59E**  
**LAGLO 331538N 0441457E**  
**ITOVA 331950.91N 0444128.97E**  
**RAGET 3330.8N 04553.8E**  
**ILAM (ILM)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**KHORAM ABAD (KRD)  
ESFAHAN (ISN)  
NODLA  
BIRJAND (BJD)  
(KAMAR 3239.0N 06044.0E)**

**KHORAM ABAD (KRD)  
ESFAHAN (ISN)  
NODLA  
BIRJAND (BJD)  
(KAMAR 3239.0N 06044.0E)**

**G208 (PANJGUR) PG  
KEBUD 2735.9N 06250.4E  
ZAHEDAN (ZDN)  
DARBAND (DAR)  
NODLA 325330N 0545850E  
ANARAK (ANK)  
TEHRAN (TRN)  
ZANJAN (ZAJ)  
UROMIYEH (UMH)  
ALRAM 3743.0N 04437.0E  
(SIIRT)**

**G216 LAKLU 232235N 0570401E  
\*Note 7 (OO/OP)  
Muscat (MCT)  
ITILA 234055N 0584817E  
SODEB 234747N 0593023E  
DORAB 235033N 0594746E  
ALPOR 240441N 0612000E  
LATEM  
(KC)**

**G400 KUMBI 334250N 0284500E  
LABNA 321956N 0301612E  
BALTIM (BLT) 313144N  
0310721E**

**G452 SHIRAZ (SYZ)  
KERMAN (KER)  
ZAHEDAN (ZDN)  
DERBO 2925.7N 06117.0E  
(RAHIMYAR KHAN) RK**

**G462 \* Note 7 between ROVOS and  
BALUS**

**UG216 LAKLU 232235N 0570401E  
\*Note 7 (OO/OP)  
Muscat (MCT)  
ITILA 234055N 0584817E  
SODEB 234747N 0593023E  
DORAB 235033N 0594746E  
ALPOR 240441N 0612000E  
LATEM  
(KC)**

**UG400 KUMBI 334250N 0284500E  
LABNA 321956N 0301612E  
BALTIM (BLT) 313144N  
0310721E**

**UG452 SHIRAZ (SYZ)  
KERMAN (KER)  
ZAHEDAN (ZDN)  
DERBO 2925.7N 06117.0E  
(RAHIMYAR KHAN) RK**

**UG462 \* Note 7 between ROVOS and  
BALUS**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>BALUS 2545.9N 05304.4E</b> <b>ROVOS 241825N 0552143E</b>		<b>BALUS 2545.9N 05304.4E</b> <b>ROVOS 241825N 0552143E</b>
<b>G650</b>	<b>KING ABDULAZIZ (JDW)</b> <b>RASKA 190732N 0390329E</b> <b>ASMARA (ASM)</b>	<b>UG650</b>	<b>KING ABDULAZIZ (JDW)</b> <b>RASKA 190732N 0390329E</b> <b>ASMARA (ASM)</b>
<b>G652</b>	<b>ADEN (KRA)</b> <b>IMPOS 183136N 0511848E</b> <b>DUDRI 190000N 0520000E</b> <b>TOKRA 220925N 0553350E</b> <b>TAPDO 2424N 06120 E</b>	<b>UG652</b>	<b>ADEN (KRA)</b> <b>IMPOS 183136N 0511848E</b> <b>DUDRI 190000N 0520000E</b> <b>TOKRA 220925N 0553350E</b> <b>TAPDO 2424N 06120 E</b>
<b>G660</b>	<b>(PORT SUDAN) PSD</b> <b>BOGUM 2006.6N 03803.0E</b> <b>MIPOL 203322N 0382145E</b> <b>KING ABDULAZIZ (JDW)</b>	<b>UG660</b>	<b>(PORT SUDAN) PSD</b> <b>BOGUM 2006.6N 03803.0E</b> <b>MIPOL 203322N 0382145E</b> <b>KING ABDULAZIZ (JDW)</b>
<b>G662</b>	<del><b>(DAMASCUS) (DAM)</b></del> <b>* Notes 1 and 3 (OS, OJ)</b> <b>BUSRA 322000N 0363700E</b> <b>KUPRI 320825.87N 0364530.21E</b> <b>ALKOT 313254.22N 0371121.51E</b> <b>GRY 3124.8N 3717.2E</b> <b>AL SHIGAR (ASH)</b> <b>HAIL (HIL)</b> <b>GASSIM (GAS)</b> <b>KING KHALID (KIA)</b>	<b>UG662</b>	<del><b>(DAMASCUS) (DAM)</b></del> <b>* Notes 1 and 3 (OS, OJ)</b> <b>BUSRA 322000N 0363700E</b> <b>KUPRI 320825.87N 0364530.21E</b> <b>ALKOT 313254.22N 0371121.51E</b> <b>GRY 3124.8N 3717.2E</b> <b>AL SHIGAR (ASH)</b> <b>HAIL (HIL)</b> <b>GASSIM (GAS)</b> <b>KING KHALID (KIA)</b>
<b>G663</b>	<b>KING KHALID (KIA)</b> <b>SILNO 2640.4N 04757.7E</b> <b>KING FAHD (KFA)</b> <b>ALSER 2710.8 05049.5E</b> <b>SHIRAZ (SYZ)</b> <b>YAZD (YZD)</b> <b>NODLA 3253.3N 05458.8E</b> <b>TABAS (TBS)</b> <b>MASHAD (MSD)</b>	<b>UG663</b>	<b>KING KHALID (KIA)</b> <b>SILNO 2640.4N 04757.7E</b> <b>KING FAHD (KFA)</b> <b>ALSER 2710.8 05049.5E</b> <b>SHIRAZ (SYZ)</b> <b>YAZD (YZD)</b> <b>NODLA 3253.3N 05458.8E</b> <b>TABAS (TBS)</b> <b>MASHAD (MSD)</b>
<b>G665</b>	<b>ARAR (AAR)</b> <b>ABADAN (ABD)</b> <b>SHIRAZ (SYZ)</b> <b>* Note 5 (OI)</b>	<b>UG665</b>	<b>ARAR (AAR)</b> <b>ABADAN (ABD)</b> <b>SHIRAZ (SYZ)</b> <b>* Note 5 (OI)</b>



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**NABOD 2816.1N 05825.8E  
LOXOL 2745.9N 06045.6E  
ASVIB 265724N 0631812E  
(PANJGUR) PG**

**NABOD 2816.1N 05825.8E  
LOXOL 2745.9N 06045.6E  
ASVIB 265724N 0631812E  
(PANJGUR) PG**

**G666 SHIRAZ (SYZ)  
LAMERD (LAM)  
LAVAN (LVA)  
\* Note 7 (OI)  
ORSAR 2604 .5N 05357.5E  
ITITA 254410N 0541839E  
SINBI 250842N 0543741E  
ABU DHABI (ADV)**

**UG666 SHIRAZ (SYZ)  
LAMERD (LAM)  
LAVAN (LVA)  
\* Note 7 (OI)  
ORSAR 2604 .5N 05357.5E  
ITITA 254410N 0541839E  
SINBI 250842N 0543741E  
ABU DHABI (ADV)**

**G667 PUTMA 3748.0N 05157.6E  
NOSHAHR (NSR)  
TEHRAN (TRN)  
SAVEH (SAV)  
MIS  
AHWAZ (AWZ)  
ABADAN (ABD)  
ALSAN 295707N 0481456E  
FALKA  
KUWAIT (KUA)  
WAFRA (KFR)  
MAGALA (MGA)  
KING KHALID (KIA)  
WADI AL DAWASIR (WDR)  
NEJRAN (NEJ)  
SANA'A (SAA)  
PARIM 123142.7N 0432712E  
DJIBOUTI (DTI)**

**UG667 PUTMA 3748.0N 05157.6E  
NOSHAHR (NSR)  
TEHRAN (TRN)  
SAVEH (SAV)  
MIS  
AHWAZ (AWZ)  
ABADAN (ABD)  
ALSAN 295707N 0481456E  
FALKA  
KUWAIT (KUA)  
WAFRA (KFR)  
MAGALA (MGA)  
KING KHALID (KIA)  
WADI AL DAWASIR (WDR)  
NEJRAN (NEJ)  
SANA'A (SAA)  
PARIM 123142.7N 0432712E  
DJIBOUTI (DTI)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**G669**     **AL SHIGAR (ASH)**  
**AL JOU (AJF)**  
**RAFHA (RAF)**  
**NISER 2930.5N 04418.4E**  
**\*Note 3 (OK)**  
**SOLAT 290942N 0463810E**  
**KUWAIT (KUA)**  
**SESRA 290803N 0485453E**  
**NANPI 290457N 0493157E**  
**KHARK(KHG)**  
**SHIRAZ (SYZ)**

**G670**     **RASHT (RST)**  
**LALDA 3817.1N 04943.0E**  
**(BAKU) GYD**

**G674**     **MADINAH (PMA)**  
**GASSIM (GAS) 2617.9N**  
**04346.8E**  
**BOPAN (BPN)**

**G775**     **(ASHGHABAT) (ASB)**  
**ORPAB 3742N 05834.5E**  
**MASHHAD (MSD)**  
**[BIRJAND] (BJD)**  
**\* Note 1**  
**ZAHEDAN (ZDN)**

**G781**     **(VAN)**  
**BONAM 3802.9N 04418.0E**  
**UROMIYEH (UMH)**  
**ROVON 3716 01N 0455322E**  
**ZANJAN (ZAJ)**  
**NOSHAHR(NSR)**

**UG669**     **AL SHIGAR (ASH)**  
**AL JOU (AJF)**  
**RAFHA (RAF)**  
**NISER 2930.5N 04418.4E**  
**\*Note 3 (OK)**  
**SOLAT 290942N 0463810E**  
**KUWAIT (KUA)**  
**SESRA 290803N 0485453E**  
**NANPI 290457N 0493157E**  
**KHARK(KHG)**  
**SHIRAZ (SYZ)**

**UG670**     **RASHT (RST)**  
**LALDA 3817.1N 04943.0E**  
**(BAKU) GYD**

**UG674**     **MADINAH (PMA)**  
**GASSIM (GAS) 2617.9N 04346.8E**  
**BOPAN (BPN)**

**UG775**     **(ASHGHABAT) (ASB)**  
**ORPAB 3742N 05834.5E**  
**MASHHAD (MSD)**  
**[BIRJAND] (BJD)**  
**\* Note 1**  
**ZAHEDAN (ZDN)**

**UG781**     **(VAN)**  
**BONAM 3802.9N 04418.0E**  
**UROMIYEH (UMH)**  
**ROVON 3716 01N 0455322E**  
**ZANJAN (ZAJ)**  
**NOSHAHR(NSR)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**G782 KING ABDULAZIZ (JDW)  
DAFINAH (DFN)  
RAGA\HBA (RGB)  
KING KHALID (KIA)  
MAGALA (MGA)  
WAFRA (KFR) 283715N  
0475729E  
KUWAIT (KUA)  
DAFINAH (DFN)**

**UG782 KING ABDULAZIZ (JDW)  
DAFINAH (DFN)  
RAGA\HBA (RGB)  
KING KHALID (KIA)  
MAGALA (MGA)  
WAFRA (KFR) 283715N  
0475729E  
KUWAIT (KUA)  
DAFINAH (DFN)**

**G783 PURDA 210805N 0510329E  
TANSU 224136N 0542828E  
NIGEL RIGIL 230146N  
0551430E  
ELUDA 235107N 0552905E  
ALN 241535N 0553623E  
GIDIS 243600N 055600E  
BUBIN 245742N 0560642E**

**UG783 PURDA 210805N 0510329E  
TANSU 224136N 0542828E  
NIGEL RIGIL 230146N 0551430E  
ELUDA 235107N 0552905E  
ALN 241535N 0553623E  
GIDIS 243600N 055600E  
BUBIN 245742N 0560642E**

**G792 BODKA 3939.0N 05130.0E  
GIRUN 3806.2N 05620.3E  
BOJNORD (BRD)  
MASHAD (MSD)**

**UG792 BODKA 3939.0N 05130.0E  
GIRUN 3806.2N 05620.3E  
BOJNORD (BRD)  
MASHAD (MSD)**

**G795 FALKA 2926.2N 04818.3E  
TASMI 300120N 0475505E  
BSR 303132.4N 0472112E  
RAFHA (RAF)**

**UG795 FALKA 2926.2N 04818.3E  
TASMI 300120N 0475505E  
BSR 303132.4N 0472112E  
RAFHA (RAF)**

**G799 PMA  
DAFINAH (DFN)**

**UG799 PMA  
DAFINAH (DFN)**

**UL124 (VAN)  
BONAM  
URUMIYEH (UMH)  
ZANJAN (ZAJ)  
SAVEH (SAV)  
DISEL 332904N 0510118E  
YAZD (YZD) (R654)  
KERMAN (KER)  
KEBUD 273558N 0625028E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**(PANJGUR) PG**

		<b>UL125</b>	<b>DULAV 3857N 04537.9E TABRIZ (TBZ) ZANJAN (ZAJ) PAROT 360940N 0495756E TEHRAN (TRN) ANARAK (ANK) DARBAND (DAR) ZAHEDAN (ZDN) DANIB 290706N 0611717E KEBUD 273558N 0625028E</b>
<b>L126</b>	<b>PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)</b>	<b>UL126</b>	<b>PUSTO 3321.0N 04245.0E SOGUM 3412.2N 04354.9E SIGNI 3400.1N 04442.2E MIGMI 3345.9N 04527.4E ILAM (ILM)</b>
<b>L200</b>	<b>AMMAN *Notes 2 and 3 (OJ) LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SUTRI 330701.47N 0421128.15E SIGBI 330200N 0422000E SILSO 330600N 0431500E SILBO 325900N 0432900E</b>	<b>UL200</b>	<b>AMMAN *Notes 2 and 3 (OJ) LOXER 320256N 362500E LUDAN 320256N 0363713 E KUPRI 320825N 0364530 E ASLON 321211N 0365111E NADEK 322728N 0371429E DAXEN 324444N 0374105E KAREM 325110N 0380324 E KUMLO 325811N 0382807 E DAPUK 330139N 0384026 E PASIP 330600N 0385600E GIBUX 330715N 0411625E SUTRI 330701.47N 0421128.15E SIGBI 330200N 0422000E SILSO 330600N 0431500E SILBO 325900N 0432900E</b>
<b>L223</b>	<b>SIRRI (SIR) NALTA 250242N 0553955E * Note 7 (OI-OM-OO) TARDI 243418N 0560915E LAKLU 232235N 05704 01E</b>	<b>UL223</b>	<b>DASIS 385430N 0441230E UROMIYEH (UMH) SANANDAJ (SNJ) KHORAM ABAD (KRD) MESVI 312920N 0495701E LAMERD (LAM)</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**SIRRI (SIR)****\* Note 7 (OI-OM-OO)****NALTA 250242N 0553955E****TARDI 243418N 0560915E****LAKLU 232235N 05704 01E**

**L300 LUXOR (LXR)**  
**MEMPO 252518N 0335457E**  
**GIBAL2437.2N03634.7E**  
**YENBO (YEN) 2408.8N 03803.9E**

**UL300 LUXOR (LXR)**  
**MEMPO 252518N 0335457E**  
**GIBAL2437.2N03634.7E**  
**YENBO (YEN) 2408.8N 03803.9E**

**L301 RASKI 230330N 0635200E**  
**VAXIM 231900N 0611100E**  
**RAGMA 232301N 0603846E**

**UL301 AAU 5153N 07523 38.6E**  
**NOBAT 210902.5N 0880000.1E**  
**LADOT 220502N 0660001**  
**RASKI 230330N 0635200E**  
**VAXIM 231900N 0611100E**  
**RAGMA 232301N 0603846E**

**L305 DOHA (DOH)**  
**ITITA 2544.2N 05418.7E**

**L306 TOKRA 220925N 0553350E**  
**\* Note- 7 (OO)**  
**DEMKI 224941N 0562308E**  
**LAKLU 232235N 0570401E**

**UL306 TOKRA 220925N 0553350E**  
**\* Note- 7 (OO)**  
**DEMKI 224941N 0562308E**  
**LAKLU 232235N 0570401E**

**L308 EGNOV 270301N 0474713E**  
**(JBL) 270220N 0492427E**

**UL308 EGNOV 270301N 0474713E**  
**(JBL) 270220N 0492427E**

**L310 BOXAK 244536N 0540032E**  
**SIGBO 2455.4N 05456.9E**  
~~**MIADA 245112N 0545736E**~~  
**NALTA 2502.7N 05539.8E**  
**AVAMI 2505.9N 05556.8E**  
**LALDO 251806N 0563600E**

**UL310 BOXAK 244536N 0540032E**  
**SIGBO 2455.4N 05456.9E**  
~~**MIADA 245112N 0545736E**~~  
**NALTA 2502.7N 05539.8E**  
**AVAMI 2505.9N 05556.8E**  
**LALDO 251806N 0563600E**

**L314 NABAN 163124N 0430148E**  
**GOMRI 131816N 0443224E**

**UL314 NABAN 163124N 0430148E**  
**GOMRI 131816N 0443224E**

**L315 CAIRO(CVO)**  
**\* Note 3 (HE)**

**UL315 CAIRO(CVO)**  
**\* Note 3 (HE)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**HURGHADA (HGD)  
GIBAL 2437.2N 03634.7E**

**L317 LOPAS 343003N 0433834E  
ALVIS 343004N 0435518E  
DASUR 343006N 0442417E  
DENKI 322228N 0455122E  
MUTLO 321019N 0445703E  
GETID 351551N 0425559E  
NADID 352611N E0460145E**

**L321 KATAB 292501N 0290506E  
KUNKI 290726N 0291949E  
KUNAK 2527.7N 03041.2E  
LUGAV 224205N 0313722E  
SML 222118N 0313719E**

**L417 VUSEB 361637N 0434800E  
UMESA 351741N 0434307E  
MUTAG 343003N 0433834 E  
LAGLO 3515.6 04414.0E  
ELOSI 330800N 0441800E  
LOVEK 3222.1N 04440.0E  
ELIBA 320915N 0444645E  
NADOX 310505N 0451851E**

**HURGHADA (HGD)  
GIBAL 2437.2N 03634.7E**

**UL317 LOPAS 343003N 0433834E  
ALVIS 343004N 0435518E  
DASUR 343006N 0442417E  
DENKI 322228N 0455122E  
MUTLO 321019N 0445703E  
GETID 351551N 0425559E  
NADID 352611N E0460145E**

**UL321 KATAB 292501N 0290506E  
KUNKI 290726N 0291949E  
KUNAK 2527.7N 03041.2E  
LUGAV 224205N 0313722E  
SML 222118N 0313719E**

**UL322 MUMBAI (BBB)  
\* Note 7&1  
SUGID 1933.1N 06921.0E  
BOLIS 2033.5N 065 00.0E  
REXOD 2112.5N 06138.5E**

**UL333 DASIS  
TABRIZ (TBZ)  
RASHT (RST)  
GIBAB 3537.0N 05430.9E  
~~ALRAS 3511.3N 05541.6E~~  
~~AMBEG 351737N 0553059E~~  
TASLU 342632N 0574234E  
SOKAM 331316N 0603752E**

**UL417 VUSEB 361637N 0434800E  
UMESA 351741N 0434307E  
MUTAG 343003N 0433834 E  
LAGLO 3515.6 04414.0E  
ELOSI 330800N 0441800E  
LOVEK 3222.1N 04440.0E  
ELIBA 320915N 0444645E  
NADOX 310505N 0451851E**

**UL425 KING ABDULAZIZ (JDW)  
TONBO 205502N 0394911E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**AL BAHA (BHA)**  
**BISHA (BSH)**  
**WADI AL DAWASIR (WDR)**  
**EGREN 202236N 0464422E**  
**ASTIN 200410N 0495320E**  
**DIRAS 195235N 0513704E**  
**GOBRO 193622N 0534741E**  
**NOVNO 193313N 0535858E**  
**ITUVO 190315N 0554328E**  
**DEDSO 185811N 0560041E**  
**BOVOS 182230N 0575844E**  
**ASPUX 174406N 0600006E**  
**(TRIVANDRUM)**

**L430**      **BND 271149N 0562200E**  
**DIVAB 251042N 0595206E**  
**ORBIX 2444300N 0603511E**

**UL430**      **BND 271149N 0562200E**  
**DIVAB 251042N 0595206E**  
**ORBIX 2444300N 0603511E**

**L440**      **KANIP 2410.7N 05520.7E**  
**RETAS 235754N 0553423E**

**UL440**      **KANIP 2410.7N 05520.7E**  
**RETAS 235754N 0553423E**

**L443**      **~~EMILA~~ **KUPSA** 250445N**  
**0521151E**  
**\* Note 7/8 (OB)**  
**AMBEK 250109N 0521809E**  
**LAGVA 245009N 0521733E**  
**LOPOK 243527N 0520413E**  
**TAMRI 245430N 0522506E**

**UL443**      **~~EMILA~~ **KUPSA** 250445N**  
**0521151E**  
**\* Note 7/8 (OB)**  
**AMBEK 250109N 0521809E**  
**LAGVA 245009N 0521733E**  
**LOPOK 243527N 0520413E**  
**TAMRI 245430N 0522506E**

**L444**      **KIPOL 230410N 0612903E**  
**\*Note 7 (OO)**  
**VUSIN 225940N 0605510E**  
**MIBSMA 225400N 0601338E**  
**KAXEM 225103N 0595243E**  
**IMDEK 224647N 0592217E**  
**TOLDA 224008N 0583624E**

**UL444**      **KIPOL 230410N 0612903E**  
**\*Note 7 (OO)**  
**VUSIN 225940N 0605510E**  
**MIBSMA 225400N 0601338E**  
**KAXEM 225103N 0595243E**  
**IMDEK 224647N 0592217E**  
**TOLDA 224008N 0583624E**

**L513**      **~~MURAK~~ **3459.4N 03642.1E****  
**~~KALDE (KAD)~~**  
**~~CHEKA (CAK)~~**  
**LEBOR 3415.9N 03635.0E**

**UL513**      **~~MURAK~~ **3459.4N 03642.1E****  
**~~KALDE (KAD)~~**  
**~~CHEKA (CAK)~~**  
**LEBOR 3415.9N 03635.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DAMASCUS (DAM)****\* Note 3 (OS)****BUSRA 3220.0 N 03637.0 E****QUEEN ALIA (QAA)****QATRANEH (QTR)****MAZAR 3048.0N 03610.0E****DAMASCUS (DAM)****\* Note 3 (OS)****BUSRA 3220.0 N 03637.0 E****QUEEN ALIA (QAA)****QATRANEH (QTR)****MAZAR 3048.0N 03610.0E**

**L519 ABU DHABI (ADV)**  
**\*Note 7 (OM)**  
**NAMSI 2437.5N 05456.8E**  
**EMERU 244829N 0550303**  
**LUDER 2457.5N 05505.2E**

**UL516 KITAL 2003.0N 06018.0E**  
**ELKEL 0149.0N 06911.0E**  
**DIEGO GARCIA (NDG)**

**UL519 ABU DHABI (ADV)**  
**\*Note 7 (OM)**  
**NAMSI 2437.5N 05456.8E**  
**EMERU 244829N 0550303**  
**LUDER 2457.5N 05505.2E**

**UL550 WAFRA (KFR)**  
**NIDAP 283850N 0473656E**  
**BOSID 2842.4N 04652.6E**  
**VATIM 2851.6N 04444.7E**  
**RASMO 2857.2N 04331.3E**  
**ORSAL2902.8N 04210.8E**  
**NIMAR 2906.6N 03954.4E**  
**KITOT 2902.1N 03450.8E**  
**NUWEIBAA (NWB)**  
**TABA (TBA)**  
**EL ARISH (ARH)**  
**PASOS**  
**(KAROL 3252.0N 03229.0E)**

**L551 ANTAR 334800N 0281600E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**UL551 ANTAR 334800N 0281600E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**L555 TOTOX 215030N 0622230E**  
**TUMET 222307N 0595702E**  
**TOLDA 224008N 0583624E**

**UL555 TOTOX 215030N 0622230E**  
**TUMET 222307N 0595702E**  
**TOLDA 224008N 0583624E**

**UL556 EGREN 202236N 0464422E**  
**NONGA 205048N 0492014E**  
**PURDA 210805N 0510329E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**Note:- 7 (OO, OB)****IMDAM 202416N 0550801E****OTISA 201000N 0554556E****HAIMA (HAI) 195813N 0561651E****GIVNO 195011N 0563059E****KUTVI 184306N 0582642E**

- UL560**    **ARDABIL (ARB) 3819.9N  
04824.9E  
\* Note 3&4 (OI)  
SEVAN (SVN) 4032.0N 04456.9E**
- UL566**    **ASMAK 162327N 0524634E  
UKNEN 160542N 0522012E  
PURUG 151204N 0510142E  
KUSOL 144009N 0501534E  
NOTBO 142609N 0495530E  
EMABI 141627N 0494139E  
SOKEM 134235N 0485329E  
DATEG 123549N 0471627E**
- UL572**    **KAMISHLY (KML)  
LESRI 3704.3N 04113.8E**
- UL573**    **DAFINAH (DFN) 231658N  
0414310E  
PMA  
WEJH (WEJ) 261045N 0362917E**
- UL601**    **BAGLUM (BAG) 04004.2 03248.6)  
\* Note 7  
ADANA 3656.4N 03512.6E (ADA)  
TUNLA 3553.0N 0360200E)  
KARIATAIN 3412.8N 03715.9E**
- UL602**    **BAHRAIN (BAH)  
\*Note 7  
PEBOS 262722N0503043E  
RULEX 264529N 0501745E  
RAMSI 270249N 0500714E  
IVONI 275911N 0492131E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DAVUS 282346N 0490622**  
**DARVA 284814N 0484734E**  
**ALVIX 2919.3N04824.2E**  
**FALKA 292611N 0481819E**  
**TASMI 300120N 0475505E**  
**LOVEK322206N 0444000E**  
**DELMI331911N 0431731E**  
**ELEXI 344237N 0411054E**  
**DRZ 351724N 0401124E**  
**KUKSI 364508N 0374910E**  
**GAZ 365701N 0372824E**  
~~**TASMI 300120N 0475505E**~~

**UL607 SITIA (SIT)**  
 \* Note 7  
**PAXIS 3357.1N02720.0E**  
**OTIKO 3134.4N 02936.6E**  
**ALEXANDRIA (AXD)**

**UL612 METRU 340000N 0250900E**  
**KANAR 322727N 0265330E**  
**EL DABA (DBA) 310041N**  
**0282801E**

**UL613 EL – DABA (DBA)**  
 \* Note 7  
**SOKAL 3236.0N 02720.0E**  
**TANSA 3400.0N 02649.0E**

**L617 AXD**  
**IMHRUT 313259N 0293346E**  
**ASNIR 323849N 0282144E**  
**TANSA 340000N 0264900E**

**UL617 AXD**  
**IMHRUT 313259N 0293346E**  
**ASNIR 323849N 0282144E**  
**TANSA 340000N 0264900E**

**L631 TOTOX 215030N0622230E**  
**IVOMA 223408N 0605430E**  
 \* Note 7 (OO)  
**MIBSA 225400N 0601338E**  
**AMBOS 230324N 0595405E**  
**ELIGO 232458N 0590848E**  
**KARAR 233042N 0585438E**  
**MCT 233528.01N 0581536.47**

**UL631 TOTOX 215030N0622230E**  
**IVOMA 223408N 0605430E**  
 \* Note 7 (OO)  
**MIBSA 225400N 0601338E**  
**AMBOS 230324N 0595405E**  
**ELIGO 232458N 0590848E**  
**KARAR 233042N 0585438E**  
**MCT 233528.01N 0581536.47**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**L681** EGNOV 270301N 0474713E  
**GEPAK** 2633.0N 04843.5E  
**RADMA** 2623.0N 04857.5E  
**DELMU** 2618.9N 04903.4E  
**ROSEM** 2607.7N 04919.0E  
**SALWA** 251538N 0503048E

**L695** PAROK 231030N 0590245E  
 \*Note 7 (OO)  
**ITURA** 232351N 0580720E

**L764** MUSCAT (MCT)  
**ALMOG** 233524N 0574940E  
**IVETO** 233520N 0570704E  
**PAXIM** 240245N 0561631E

**UL681** EGNOV 270301N 0474713E  
**GEPAK** 2633.0N 04843.5E  
**RADMA** 2623.0N 04857.5E  
**DELMU** 2618.9N 04903.4E  
**ROSEM** 2607.7N 04919.0E  
**SALWA** 251538N 0503048E

**UL695** PAROK 231030N 0590245E  
 \*Note 7 (OO)  
**ITURA** 232351N 0580720E

**UL764** MUSCAT (MCT)  
**ALMOG** 233524N 0574940E  
**IVETO** 233520N 0570704E  
**PAXIM** 240245N 0561631E

**UL768** MENSA 245750N 0563249E  
**AVAMI** 2505.9N 05556.8E  
 \*Note 7  
**ATBOR** 2510.1N 05519.8E  
**RANBI** 251908N 0544500E  
**DUVGA** 2530.3N 05403.5E  
**BALUS** 254554N 0530424E  
**ELAXI** 260000N 0523500E  
**IMTAS** 281800N 0515700E  
**DAXAS** 2621.3N 0515000E  
**ASMOR** 2636.7 0511700E  
**TOLMO** 265504N 0502927E  
**RAMSI** 270249N 0500714E  
**ALVUN** 271028N 0494455E  
**KISAB** 272335N 0490606E  
**COPPI** 2750.6N 04744.0E  
**HFR**  
**VATIM** 2851.6N 04444.7E  
**RAFHA (RAF)**  
**ARAR (AAR)**  
**OVANO** 3148.0N 03909.9E  
**OTILA** 3201.5N 03901.9E

**UL883** REXOD 211230N 0613830E  
**GADMA** 211439N 0600938E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**TAVKO 211519N 0593147E**  
**UMILA 211555N 0584738E**  
**MEVLI 211632N 0565606E**  
**KUROV 211627N 0561853E**  
**ALNUN 211625N 0561041E**  
**SITOL 211604N 0552514E**  
**PURDA 210805N 0510329E**  
**ALRIK 220631N 0482535E**  
**UMRAN 2315.1N 04520.4E**  
**TUKVU 2346.4N 04353.3E**  
**BIR DARB (BDB)**  
**PMA N243251N 0394219E**

**UL894 KITAL 2003.0N 06018.0E**  
**(MALE (MLE)**  
**(SUNAN 0028.7N 07800.0E)**  
**(DADAR 0200.0S 07927.1E)**  
**(PERTH (PH)**

**M203 PUSTO 3321.0N 04245.0E**  
**LOVEK 3222.1N 04440.0E**  
**ILMAP 312133N 0465702E**

**UM203 PUSTO 3321.0N 04245.0E**  
**LOVEK 3222.1N 04440.0E**  
**ILMAP 312133N 0465702E**

**M300 LOTAV 2037N 0605700E**  
**EMURU 221535N 0584950E**

**UM300 (CALICUT) CLC**  
**LOTAV 2037N 0605700E**  
**EMURU 221535N 0584950E**

**M301 PURAD 145500N 0415354E**  
**SANA'A (SAA)**  
**ITOLI 152825N 0450927E**  
**ASMAK162327N 0524634E**

**M301 PURAD 145500N 0415354E**  
**SANA'A (SAA)**  
**ITOLI 152825N 0450927E**  
**ASMAK162327N 0524634E**

**M303 MCT 233528.01N 0581536.47E**  
**\*Note 7 (OO)**  
**SEVLA 233321N 0591122E**  
**KIPOL230410N 0612903E**

**UM303 MCT 233528.01N 0581536.47E**  
**\*Note 7 (OO)**  
**SEVLA 233321N 0591122E**  
**KIPOL230410N 0612903E**

**UM309 KIND KHALED (KIA)**  
**RAGHBA (RGB)**  
**RABTO 221608N 0400326E**

**M316 **KANAS** 251552N 0574700E**  
**GOKSO 265542N 0604012E**

**UM316 KANAS 251552N 0574700E**  
**GOKSO 265542N 0604012E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**M320 KING FAHD (KFA)  
KODAG 2703.3N 04920.4E  
RAS  
ASVIR 283220N 0482220E  
KUWAIT (KUA)**

**UM320 KING FAHD (KFA)  
KODAG 2703.3N 04920.4E  
RAS  
ASVIR 283220N 0482220E  
KUWAIT (KUA)**

**UM321 HALAIFA 262602N 0391609E  
(HLF)  
ROSUL 2539.7N 04215.3E  
OVEKU 2509.9 04457.0E  
KING KHALED (KIA)**

**M425 SILKO 3347.9N 03435.0E  
CAK**

**UM425 SILKO 3347.9N 03435.0E  
CAK**

**M428 RIKET 251859N 0560200E  
\*Note 7/8 (OO/OM)  
GOMTA 251115N 0563447E  
TARBO 244351N 0574637E  
MUNGA 242516N 0584533E**

**UM428 RIKET 251859N 0560200E  
\*Note 7/8 (OO/OM)  
GOMTA 251115N 0563447E  
TARBO 244351N 0574637E  
MUNGA 242516N 0584533E**

**UM440 KING KHALED (KIA)  
OTAMA 235148N 0494707E  
KUTNA 231341N 0512730E  
KITAP 224928N 0522923E  
TOKRA 220925N 0553350E**

**M449 BUSRA 322000N 0363700E  
HAZEM 3214.0N 03638.0E  
MAZAR 3048.0N 03610.0E  
GIBET 2926.3N 03625.0E  
TABUK (TBK)  
WEJH (WEJ)**

**UM449 BUSRA 322000N 0363700E  
HAZEM 3214.0N 03638.0E  
MAZAR 3048.0N 03610.0E  
GIBET 2926.3N 03625.0E  
TABUK (TBK)  
WEJH (WEJ)**

**M551 KIVEL 165306N 0553633E  
DAXAM 171612N 0544715E**

**UM551 DONSA1435.3N06344.0E  
ANGAL1614.1N 06000.1E  
OTOTO 164004N 0570435E  
KIVEL 165306N 0553633E  
DAXAM 171612N 0544715E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**M559**    **LABNI 165620N 0410921E**  
**NISMI 162415N 0421838E**  
**ITOLI 152825N 0450927E**  
**MUKALLA (RIN)**  
**VEDET 120134N 0512410E**

**UM559**    **LABNI 165620N 0410921E**  
**NISMI 162415N 0421838E**  
**ITOLI 152825N 0450927E**  
**MUKALLA (RIN)**  
**VEDET 120134N 0512410E**

**M561**    **KISH (KIS)**  
**MOBET 2645.3N 05609.8E**  
**ASVIB 265724N 0631812E**  
**PANJGUR (PG)**

**UM561**    **KISH (KIS)**  
**MOBET 2645.3N 05609.8E**  
**ASVIB 265724N 0631812E**  
**PANJGUR (PG)**

**UM573**    **TEHERAN (TRN)**  
**TABRIZ (TBZ) 3808.3N 04613.9E**

**UM574**    **MALE) (MLE)**  
**(POPET) 0713.7N06813.6E**  
**NABIL 1222.0E0600.0E**  
**RIGAM 143932N 0530414E**  
**NOBSU 171554N 0431318E**

**M600**    **RANBI 251908N 0544500E**  
**KISAG 251834N 0541408E**  
**SINGU 253706N 052570E**  
**NOBLA 255111N 0522740E**  
**TOBLI 262134N 0512301E**  
**RULEX 264529N 0501745E**

**UM600**    **RANBI 251908N 0544500E**  
**KISAG 251834N 0541408E**  
**SINGU 253706N 052570E**  
**NOBLA 255111N 0522740E**  
**TOBLI 262134N 0512301E**  
**RULEX 264529N 0501745E**

**M628**    **LUDID 230227N 0551800E**  
  
**LABSA 230153N 0555505E**  
**EGVAN 230127N 0561907E**  
**TULBU 230005N 0571827E**  
**IZK 225318.60N 0574542.73E**  
**TOLDA 224008N 0583624E**  
**LOXOP 223722N 0594548E**  
**LADAP 223513N 0603238E**  
**IVOMA 223408N 0605430E**  
**PARAR 222630N 0630700E**

**UM628**    **DAFINAH (DFN) 231700N**  
**0414312E**  
**KIPOM 225316N 0501518E**  
**MIGMA 225035N 0512749E**  
**KITAP 224928N 0522923E**  
**ALPEK 224648N 0535942E**  
**LUDID 230227N 0551800E**  
**LABSA 230153N 0555505E**  
**EGVAN 230127N 0561907E**  
**TULBU 230005N 0571827E**  
**IZK 225318.60N 0574542.73E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

			TOLDA 224008N 0583624E LOXOP 223722N 0594548E <b>LOSIM LADAP 223513N 0603238E</b> IVOMA 223408N 0605430E PARAR 222630N 0630700E
M634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E	UM634	ANGAL 161406N 0600006E VEDET 120134N 0512410E DAROT 0911.4N 04721.2E
M651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA	UM651	ATBOT 171418N 0464706E ADEN (KRA) (HARGEISA) HARGA
M677	<b>SESRA 2908.0N 04854.9E</b> RABAP 283625N 0492722E (BAH/KWT FIR BOUNDRY) GEVAL 282101N 0494300E UMAMA 265831N 0504648E	UM677	<b>SESRA 2908.0N 04854.9E</b> RABAP 283625N 0492722E (BAH/KWT FIR BOUNDRY) GEVAL 282101N 0494300E UMAMA 265831N 0504648E
M681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E	UM681	TARBO 244351N 0574637E *Note 7/8 (OO) DAMUM 243236N 0591307E
M686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)	UM686	LUXOR (LXR) MEMPO 252518N 0335457E GIBAL 243712N 0363442E KING ABDULAZIZ (JDW)
		UM688	CRM GULRA ERN EVSAS BAYIR 383541N 0412414 E ULTED OTKEP NINVA 372100N 0431300E ROXOP 364917N 0433100E VUSEB 3616 37N E0434800E OTALO 351700N 0441900E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**RIDIP 343012N 0444027E**  
**UKMUG 334300N 0450329E**  
**VAXEN 3318 00N 0451500E**  
**PAPUS 325334N 0452706E**  
**KATUT 323737N 0453439E**  
**DENKI 322228.46N 0455121.58E**  
**ILMAP 31 21 33N 0465702E**  
**PEBAD 305023.09N 0472958.49E**  
**SIDAD 295231N 0482944E**

**UM690 ZELAF 325656N 0371121E**  
**DESLI 314921N 0365909E**  
**ELOXI 313359N 0364536E**  
**KULDI 311847 0363214E**  
**MAZAR 3048N 3610E**  
**METSA 2927N 3459E**

**M691 DEDAS 2630.2N 05014.4E**  
**KING FAHAD**  
**KUSAR 264741N 0490218E**  
**KEDAT 2721.8N 04759.0E**  
**ITIXI 275031N 0470435E**

**UM691 DEDAS 2630.2N 05014.4E**  
**KING FAHAD**  
**KUSAR 264741N 0490218E**  
**KEDAT 2721.8N 04759.0E**  
**ITIXI 275031N 0470435E**

**M762 REXOD 211230N 0613830E**  
**SUR 223159N 0592829E**  
**ITURA 232351N 0580720E**  
**ALMOG 233524N0574940E**  
**TAPRA 242607N 0563803E**  
**VAXAS 244308N 0561807E**  
**\* Note 7 (OM, OO)**  
**BUBIN 245742N 0560642E**

**M860 KUGOS 4246.8N 03405.3E**  
**SINOP (SIN)**  
**CARSAMBA (CRM)**  
**SRT 3754.6N 04152.9E**  
**KABAN N371456N 0423859E**  
**EMIDO 364411.33N 042 56 00E**  
**SEVKU 360548.02N 0431715.84E**  
**UMESA 351741.49N 0434306.89E**  
**TAGRU 342958.95N 0440816.67E**  
**PUTSI 333200N E044 3700E**  
**ITOVA 331950.91N 0444 28.97E**

**UM860 KUGOS 4246.8N 03405.3E**  
**SINOP (SIN)**  
**CARSAMBA (CRM)**  
**SRT 3754.6N 04152.9E**  
**KABAN N371456N 0423859E**  
**EMIDO 364411.33N 042 56 00E**  
**SEVKU 360548.02N 0431715.84E**  
**UMESA 351741.49N 0434306.89E**  
**TAGRU 342958.95N 0440816.67E**  
**PUTSI 333200N E044 3700E**  
**ITOVA 331950.91N 0444 28.97E**



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

SEPTU 331300N 0444400E  
 LONOR 323838.63N 0450458.48E  
 ULIMA 321500N 0451600E  
 ITBIT 314735.20N 045 2916.57E  
 RUGIR 303219.06N 046 0618.20E  
 MOBIS 295108.84N 047 0457.39E

SEPTU 331300N 0444400E  
 LONOR 323838.63N 0450458.48E  
 ULIMA 321500N 0451600E  
 ITBIT 314735.20N 045 2916.57E  
 RUGIR 303219.06N 046 0618.20E  
 MOBIS 295108.84N 047 0457.39E

M863 KING ABDUL AZIZ (JDW)  
 214237N 0390948E  
 GIBAP 212218N 0380931E  
 TOMRU 204411N 0361950E  
 ASKOL 1548.9N 02400.1E  
 KITOB 1521.7N 02258.8E  
 IPONO 150621 8.4N 0222436 50.0 E  
 N'DJAMENA (FL) 1208.5N 01502.3E

UM861 ELEXI 3441.5N 04109.0E  
 DIER-ZZOR (DRZ)  
 ALEPPO (ALE)  
 NISAP 364724N 0363830E

UM863 KING ABDUL AZIZ (JDW)  
 214237N 0390948E  
 GIBAP 212218N 0380931E  
 TOMRU 204411N 0361950E  
 ASKOL 1548.9N 02400.1E  
 KITOB 1521.7N 02258.8E  
 IPONO 150621 8.4N 0222436 50.0 E  
 N'DJAMENA (FL) 1208.5N 01502.3E

UM877 VUSET 235540N 0590812E  
 ITILA 234015N 0584817E  
 KUSRA 232426N 0582611E

UM999 GS  
 DITAR 265903N 0250000E  
 KHG  
 KUNAK  
 (LUXOR) LXR  
 DEDLI 2242 32N 03737 19E  
 IMLER RAMSO 221706N  
 0381653E  
 KING ABDULAZIZ (JDW)

N300 DOH 2514.0N 05134.6E  
 NAMLA 2505.5N 05233.3E  
 KIRUM 250309N 0523132E  
 \*Note 7/8 (OM)  
 BOXAK 244536N 0540032E  
 MIADA 245112N 0545736E

UN300 DOH 2514.0N 05134.6E  
 NAMLA 2505.5N 05233.3E  
 KIRUM 250309N 0523132E  
 \*Note 7/8 (OM)  
 BOXAK 244536N 0540032E  
 MIADA 245112N 0545736E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

	<b>TONVO 250500N 0563200E</b>		<b>TONVO 250500N 0563200E</b>
<b>N302</b>	<b>SIDAD 295231N 0482944E ALVIX 291915N 0482944E</b>	<b>UN302</b>	<b>SIDAD 295231N 0482944E ALVIX 291915N 0482944E</b>
<b>N303</b>	<b>(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E</b>	<b>UN303</b>	<b>(HARGEISA) HARGA PARIM 1231.7N 04327.2E RIBOK1547N 04152.5E LABNI 1656.3N 04109.4E</b>
<b>N307</b>	<b>MILAD 320201N 0310406E LAKTO 323800N 0320500E</b>	<b>UN307</b>	<b>MILAD 320201N 0310406E LAKTO 323800N 0320500E</b>
		<b>UN315</b>	<b>ASPUX 174406N 0600006E KUTVI 184306N 0582642E Note:- 7 (OO/OB) SITOL 211604N 0552514E LOTOS 220000N 0503912E RAPMA 232256N 0482028E RESAL 240649N 0470427E KING KHALED (KIA)</b>
		<b>UN316</b>	<b>HALAIFA (HLF) 262603N 0391609E PASAM 273045N 0345542E</b>
<b>N318</b>	<b>QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E</b>	<b>UN318</b>	<b>QAA 314423N 0360926E ALNOR 313955N 0362507E ELOXI 313359N 0364536E GENEX 3129.6N 3700.9E GURIAT (GRY) ORKAS 3047.4N 03846.3 E NEVOL 3024.7N 03938.6E VELAL2946.0N 04038.4E TAMRO 2838.6N 04240.8E * Note7 (OE, OB, OM, OO) MOGON 2738.8N 04445.9E TAGSO 272744N 0454510E EGNOV 270301N 0474713E KUSAR 264741N 0490218E ASPAN 263255N 0494903E MEMBO 262425N 0504737E VATEL 255520N 0515353E</b>

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**LOXAT 252140N 0524523E**  
 \* Note7 (OM/OO) (segment  
**LOXAT - REXOD**  
~~GITEX 252609N 0523832E~~  
**KATIK 2517.1N 05315.2E**  
**ABU DHABI (ADV)**  
**KANIP 2410.7N 05520.7E**  
**LABRI 240344N 0553842E**  
 \* Note 8 (OO)  
**EGROK 235253N 0560126E**  
**LAKLU 232235N 0570401E**  
**GEVED 230105N 0575111E**  
**TOLDA 223720N 0583503E**  
**REXOD211230N 0613830E**

**LOXAT 252140N 0524523E**  
 \* Note7 (OM/OO) (segment  
**LOXAT-REXOD)**  
~~GITEX 252609N 0523832E~~  
**KATIK 2517.1N 05315.2E**  
**ABU DHABI (ADV)**  
**KANIP 2410.7N 05520.7E**  
**LABRI 240344N 0553842E**  
 \* Note 8 (OO)  
**EGROK 235253N 0560126E**  
**LAKLU 232235N 0570401E**  
**GEVED 230105N 0575111E**  
**TOLDA 223720N 0583503E**  
**REXOD211230N 0613830E**

UN319 **ZAHEDAN (ZDN)**  
**TABAS (TBS)**  
**DASHT-E-NAZ (DNZ)**  
**ULDUS- 3800.0N 05101.0E**  
**LUSAL 4035.0N 04757.0E**  
**ADEKI 4117.8N 04645.0E**  
**TBILIS (TBS)**  
**MUKHARANI (DF)**  
**ALI (BT)**  
**LOBIN 4210.9N 04306.4E**  
**IBERI 4209.6N 04143.3E**

**N324 PURDA 210805N 0510329E**  
**GOBRO 193622N 0534741E**  
**ASTUN 180832N 0551040E**

**UN324 PURDA 210805N 0510329E**  
**GOBRO 193622N 0534741E**  
**ASTUN 180832N 0551040E**

**N430 TARBO 244351N 0574637E**  
 \*Note 7/8 (OO)  
**ITLOB 244325N 0590701E**

**UN430 TARBO 244351N 0574637E**  
 \*Note 7/8 (OO)  
**ITLOB 244325N 0590701E**

**N440 MOBON 274414N 0552513E**  
**DARAX 260916N 0555307E**

**UN440 MOBON 274414N 0552513E**  
**DARAX 260916N 0555307E**

**UN555 BELGAUM (BBM)**  
**BISET 1823.4N 06918.1E**  
**KATBI 1931.6N 06500.0E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**N563**      **REXOD 211230N 0613830E**  
**\*Note 7 (OO.OM)**  
**EMURU 221357N 0585338E**  
**TULBU 230005N 0571827E**  
**MEKNA 223309N 0560815E**  
**\*Note 8 (OO)**  
**SODEX 234954N 0553202E**  
**NOBTO 235525N 0551840E**  
**ADV**  
**BALUS 254554N 0530424E**

**UN563**      **(BANGALORE) BBG**  
**REXOD 211230N 0613830E**  
**\*Note 7 (OO.OM)**  
**EMURU 221357N 0585338E**  
**TULBU 230005N 0571827E**  
**MEKNA 223309N 0560815E**  
**\*Note 8 (OO)**  
**SODEX 234954N 0553202E**  
**NOBTO 235525N 0551840E**  
**BALUS 254554N 0530424E**

**UN569**      **BONUM 221252N 0393805E**  
**RABTO 221608N 0400326E**  
**LOTOS**  
**Note:- 7 (OB/OO)**  
**TOKRA 220925N 0553350E**  
**TOPSO 215653N 0562043E**  
**MOGOK 215057N 0564236E**  
**KEBAS 214330N 0570948E**  
**GISKA 213503N 0574014E**  
**UMILA 211555N 0584738E**  
**GOLNI 210014N 0594130E**  
**LOTAV 203700N 0605700E**

**N571**      **PARAR 2226.5 N 06307E**  
**KIPOL 230410N 0612903E**  
**RAGMA 230600N 0610539E**  
**SODEB 234747N 0593023E**  
**VUSET 235540N 0590812E**  
**KIROP 243000N 0574700E**  
**\*Note 8 (OO)**  
**MENSA 245750N 0563249E**  
**\* Note 7 (OO OM)**  
**ATBOR 251007N 0551947E**  
**RANBI 251908N 0544500E**  
**SENTO 251908N 0544500E**  
**BALUS 254554N 0530424E**

**UN571**      **(GUNPI 0429.9N 09931.8E)**  
**(VAMPI 0610.9N 09735.1E)**  
**(MEKAR 0630.2N 06929.5E)**  
**(SUGID- 1933.1 N 06921.0E)**  
**PARAR 2226.5 N 06307E**  
**KIPOL 230410N 0612903E**  
**RAGMA 230600N 0610539E**  
**SODEB 234747N 0593023E**  
**VUSET 235540N 0590812E**  
**KIROP 243000N 0574700E**  
**\*Note 8 (OO)**  
**MENSA 245750N 0563249E**  
**\* Note 7 (OO OM)**  
**ATBOR 251007N 0551947E**  
**RANBI 251908N 0544500E**  
**SENTO 251908N 0544500E**  
**BALUS 254554N 0530424E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**N629** TARDI 243418N 0560915E  
\*Note 7 (OO)  
NOSMI 241757N 0563002E  
MUSUK 234320N 0572148E  
GEPOT 231446N 0580053E  
GIDAN 230104N 0582232E  
TOTOX 215030N 0622230E

**UN629** TARDI 243418N 0560915E  
\*Note 7 (OO)  
NOSMI 241757N 0563002E  
MUSUK 234320N 0572148E  
GEPOT 231446N 0580053E  
GIDAN 230104N 0582232E  
TOTOX 215030N 0622230E

**N638** KING KHALED (KIA)  
OVEKU 250955N 0445701E  
MADINAH (PMA)

**UN638** KING KHALED (KIA)  
OVEKU 250955N 0445701E  
MADINAH (PMA)

**N685** LOXAT 252140N 0524523E  
BOXAK 244536N 0540032E  
ADV 242508N 0544024  
\*Note 7/8 (OO/OM)  
RETAS 235754N 0553423E  
PUTSO 232037N 0565322E  
LAKLU 232235N 0570401E

**UN685** LOXAT 252140N 0524523E  
BOXAK 244536N 0540032E  
ADV 242508N 0544024  
\*Note 7/8 (OO/OM)  
RETAS 235754N 0553423E  
PUTSO 232037N 0565322E  
LAKLU 232235N 0570401E

**N687** KING KHALID (KIA)  
KINIB 254108N 0482317E  
KING FAHAD (KFA)

**UN687** KING KHALID (KIA)  
KINIB 254108N 0482317E  
KING FAHAD (KFA)

**N694** KING KHALD (KIA)  
TORKI 261400N 0463103E  
SIBLI 265459N 0462334E  
AKODI 275012N 0461320E  
HAFR AL BATIN 281949N  
0460746E (HFR)

**UN694** KING KHALD (KIA)  
TORKI 261400N 0463103E  
SIBLI 265459N 0462334E  
AKODI 275012N 0461320E  
HAFR AL BATIN 281949N  
0460746E (HFR)

**N764** NOBSU 171554N 0431318E  
MUKALLAH (RIN) 144015N  
0492329E  
SOCOTRA (SOC) 123749N  
0535429E  
SUHIL 120000N 0550000E  
NABAM 101112N 0581424E

**UN764** NOBSU 171554N 0431318E  
MUKALLAH (RIN) 144015N  
0492329E  
SOCOTRA (SOC) 123749N  
0535429E  
SUHIL 120000N 0550000E  
NABAM 101112N 0581424E

**N767** PARAR 222630N 0630700E

**UN767** PARAR 222630N 0630700E

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**VUSIN 225940N 0605510E**  
**\* Note 7 (OO)**  
**ATBED 230352N 0603752E**  
**ELIGO 232458N 0590848**

**VUSIN 225940N 0605510E**  
**\* Note 7 (OO)**  
**ATBED 230352N 0603752E**  
**ELIGO 232458N 0590848**

**UN881 RASKI 230330N 0635200E**  
**SETSI 230412N 0614410E**  
**KIPOL 230410N 0612903E**  
**ATBED 230352N 0603752E**  
**AMBOS 230324N 0595405**  
**MUSRU 230256N 0592223E**  
**\*Note 7 (OO)**  
**OBTIN 230216N 0585920E**  
**GIDAN 230104N 0582232E**  
**GEVED 230105N 0575111E**  
**TULBU 230005N 0571827E**

**N929 BALUS 254554N 0530424E**  
**NOBLA 255111N 0522740E**  
**BOSIX 260633N 05155554E**  
**TOBLI 262134N 0512301E**  
**SIKTA 263232N 0505552E**  
**RULEX 264529N 0501745E**  
**SILNO 264026N 0475745E**  
**~~NOBLA 255111N 0522740E~~**

**UN929 BALUS 254554N 0530424E**  
**NOBLA 255111N 0522740E**  
**BOSIX 260633N 05155554E**  
**TOBLI 262134N 0512301E**  
**SIKTA 263232N 0505552E**  
**RULEX 264529N 0501745E**  
**SILNO 264026N 0475745E**  
**~~NOBLA 255111N 0522740E~~**

**UP146 RASHT (RST)**  
**AGINA 3919.4N 04405.2E**  
**(AGRI) (ARI)**  
**(YAVUZ 4002.7N 04226.0E)**  
**(TRABZON (TBN))**

**P302 HALAIFA (HLF)**  
**~~\*Note 3(OE,OJ)~~**  
**GURIAT (GRY)**  
**HAZEM**

**UP302 HALAIFA (HLF)**  
**~~\*Note 3(OE,OJ)~~**  
**GURIAT (GRY)**  
**HAZEM**

**P307 (SHJ) 251944.9N 0553118.1E**  
**Note 7 (OM,OO)**  
**TONVO 250500N 0563200E**  
**PURNI 243804N 0574354E**  
**\*Note 8 (OO)**  
**KUNUS 241927N 0583226E**

**UP307 (SHJ) 251944.9N 0553118.1E**  
**Note 7 (OM,OO)**  
**TONVO 250500N 0563200E**  
**PURNI 243804N 0574354E**  
**\*Note 8 (OO)**  
**KUNUS 241927N 0583226E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ALSAS 240054N 0591955E**  
**DORAB 235033N 0594746E**  
**VAXIM 231900N 0611100E**  
**SETSI 230412N 0614410E**  
**PARAR 222630N 0630700E**

**ALSAS 240054N 0591955E**  
**DORAB 235033N 0594746E**  
**VAXIM 231900N 0611100E**  
**SETSI 230412N 0614410E**  
**PARAR 222630N 0630700E**

**P312 MUKALLA (RIN)**  
**PAKER 1155.0N0463500E**  
**(HARGEISA) HARGA**

**UP312 MUKALLA (RIN)**  
**PAKER 1155.0N0463500E**  
**(HARGEISA) HARGA**

**P316 SALALLAH (SLL)**  
**\* Note 7 (OO)**  
**DAXAM 171612N 0544715E**  
**GAGLA 180505N 0552410E**  
**GIVNO 195011N 0563059E**  
**MOBAB 201032N 0564415E**  
**GISKA 213503N 0574014E**  
**RADAX 220809N 0580230E**  
**MUSCAT (MCT)**

**UP316 SALALLAH (SLL)**  
**\* Note 7 (OO)**  
**DAXAM 171612N 0544715E**  
**GAGLA 180505N 0552410E**  
**GIVNO 195011N 0563059E**  
**MOBAB 201032N 0564415E**  
**GISKA 213503N 0574014E**  
**RADAX 220809N 0580230E**  
**MUSCAT (MCT)**

**UP323 DONSA 1435.3N06511.6E**  
**GIDAS 142004N0600000E**  
**NODMA 1526.0N05334.0E**  
**THAMUD 1717.0N 04955.0E**  
**WDR**

**P425 DAHRAN (DHA)**  
**BAHRAIN (BAH)**  
**TORNA 263336N 0504212E**  
**ALSER 271100N 0504900E**

**UP425 DAHRAN (DHA)**  
**BAHRAIN (BAH)**  
**TORNA 263336N 0504212E**  
**ALSER 271100N 0504900E**

**P430 DOHA (DOH)**  
**BAYAN 252926N 0514849E**  
**MIDSI 264142N 05155442E**

**UP430 DOHA (DOH)**  
**BAYAN 252926N 0514849E**  
**MIDSI 264142N 05155442E**

**P513 BUBAS 245938N 0570003E**  
**GERAR 240600N 0573616E**  
**MIBSI 234139N 0575523E**  
**\* Note 7 (OO)**  
**MUSCAT (MCT)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

		<b>UP517</b>	<b>WAFRA (KFR) GOVAL KMC</b>
		<b>UP552</b>	<b>DATEG 123549N 0471627E ULAXI 141524N 0482317E GINBO 160349N 0494017E IMPOS 183137N 0511848E</b>
		<b>UP555</b>	<b><del>NUWEIBAA (NWB)</del> <del>*See Note 3</del> <del>RASDA 3306.0N 03057.0E</del> <del>(KAVOS)</del></b>
<b>P557</b>	<b>NUBAR 220000N 0313806E *See Note 6&amp;7 MISUK 290507N 0290621E KATAB 292501N 0290506E</b>	<b>UP557</b>	<b>NUBAR 220000N 0313806E *See Note 6&amp;7 MISUK 290507N 0290621E KATAB 292501N 0290506E</b>
<b>P559</b>	<b>(LARNACA) LCA KUKLA 3414.6N 3444.8E KHALDEH (KAD) <del>DAKWE 3338.9N 03555.0E</del> * Note 4 (OS) DAMASCUS * Note 3(OS,OJ) TURAIF (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E</b>	<b>UP559</b>	<b>(LARNACA) LCA KUKLA 3414.6N 3444.8E KHALDEH (KAD) <del>DAKWE 3338.9N 03555.0E</del> DAMASCUS (DAM) ROSLI 3154.3N 03836.8E * Note 3 (OS,OJ) TURAIF (TRF) KAVID 3035.9N 04011.8E TOKLU 2942.1N 04202.4E RASMO 2857.2N 04331.3E KMC MUSKO 2726.7N 04737.1E KEDAT 2721.8N 04759.0E JUBAIL (JBL) GASSI 2702.9N 05022.5E UMAMA 2658.5N 05046.8E LOTIT 2648.9N 05112.6E VUXOR 2553.7N 05322.0E</b>
		<b>UP567</b>	<b>BIRJAND (BJD) ODKAT 3540.6N 05457.2E DASHT-E-NAZ (DNZ) 3638.7N 05311.4E</b>



Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**P570**      **KITAL 2003N 06018E**  
**MIBSI 234139N 0575523E**

**UP570**      **TRIVENDRUM (TVM)**  
**POMAN 1156.1N 07200.0E**  
**LATEB 1717.1N 06422.0E**  
**KITAL 2003N 06018E**  
**MIBSI 234139N 0575523E**

**UP574**      **(BELGAUM) BBM**  
**(BISET- 1823.4N 06918.1E)**  
**TOTOX 215030N 0622230E**  
**\* Note 7 (OO)**  
**KUSRA 231726N 0585102E**  
**MIBSI 234138N 0575525E**  
**SOLUD 243223N 0564421E**  
**GISMO 244743N 0562236E**  
**BUBIN 245742N 0560642E**  
**TUKLA 2519.6N 05540.2E**  
**KUMUN 254000N 0551512E**  
**\* Note 7 (KUMUN-PAPAR)**  
**PAPAR 264000N 0542700E**  
**SHIRAZ**  
**SAVEH (SAV)**  
**ULDUS**

**UP634**      **LALDO 251806N 0563600E**  
**ATBOR 251007N 0551947E**

**P693**      ~~**BUNDU 250024N 0522924E**~~  
~~**BATHA 241257N 0512707E**~~  
~~**ALAHSA 251645N 0492903E**~~

**UP693**      ~~**BUNDU 250024N 0522924E**~~  
~~**BATHA 241257N 0512707E**~~  
~~**ALAHSA 251645N 0492903E**~~

**P751**      **BRN 3134.5N 02600.3E**  
**KATAB 2925.0N 2905.1E**  
**AST 2701.9N 03101.9E**  
**LUXOR (LXR)**  
**ALEBA 2200.0N 03527.0E**  
**PORT SUDAN**  
**[ASMARA] \* Note 1**

**UP751**      **BRN 3134.5N 02600.3E**  
**KATAB 2925.0N 2905.1E**  
**AST 2701.9N 03101.9E**  
**LUXOR (LXR)**  
**ALEBA 2200.0N 03527.0E**  
**PORT SUDAN**  
**[ASMARA] \* Note 1**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**ASSAB 1304.0N 04238.8E**  
**PARIM 1231.7N 04327.2E**  
**ADEN**  
**ANGAL 1614.0N 06000.0E**  
**(MUMBAI) BBB**

**ASSAB 1304.0N 04238.8E**  
**PARIM 1231.7N 04327.2E**  
**ADEN**  
**ANGAL 1614.0N 06000.0E**  
**(MUMBAI) BBB**

**P899**      **\*Note 7 (OO,OM/OB)**  
**MIBSI 234139N 0575523E**  
**PAXIM 240245N 05617631E**  
**ITRAX 241248N 0554749E**  
**AL AIN (ALN)**  
**ABU DHABI**  
**DASLA N2437.8 E05332.8**  
**VEBAT N2448.5 E05251.0**  
**MEKMA N245430 E0522506**  
**\*Note 8 (OB)**  
**KUPSA N250445 E0521151**

**UP891**      **MAGALA (MGA)**  
**EGNOV**  
**EMILU**  
**KUNRU 283220N 0481050E**  
**KUWAIT (KUA)**

**UP899**      **\*Note 7 (OO,OM/OB)**  
**MIBSI 234139N 0575523E**  
**PAXIM 240245N 05617631E**  
**ITRAX 241248N 0554749E**  
**AL AIN (ALN)**  
**ABU DHABI**  
**DASLA N2437.8 E05332.8**  
**VEBAT N2448.5 E05251.0**  
**MEKMA N245430 E0522506**  
**\*Note 8 (OB)**  
**KUPSA N250445 E0521151**

**P975**      **NOLDO 324932N 0452129E**  
**\*Note7**  
**KATUT 323737N 0453439E**  
**DENKI 322228N 0455122E**  
**ILMAP 312133N 0465702E**  
**PEBAD 305023N 0472958E**  
**SIDAD 295231N 0482944E**  
**LOVAR 2924.4N 04846.1E**  
**SESRA 2908000N 004854.9E**  
**DANAL 2851.5N 04904.8E**

**IMDOX 2834.9N 04914.6E**  
**LONOS 283027N 0491713E**  
**DETKO 280550N 0493130E**  
**TOLMO 2655.1N 05029.4E**  
**TORNA 2633.6N 05042.2E**  
**MEMBO 262425N 0504737E**

**UP975**      **(ELAZIG) EZS**  
**\*Note7**  
**(DYB) 384225N 0391328E**  
**LESRI 370420N 0411348E**  
**SIDNA 3634.0N 04141.0E**  
~~**KANOK 363358N 0414059E**~~  
**TUBEN 351724N 0425434E**  
**MUTAG 343003N 0433834E**  
**SOGUM 341212N 0435454E**  
~~**SINKA ETBOM 332137N**~~  
~~**0444753E**~~  
**NOLDO 324932N 0452129E**  
**KATUT 323737N 0453439E**  
**DENKI 322228N 0455122E**  
**ILMAP 312133N 0465702E**  
**PEBAD 305023N 0472958E**  
**SIDAD 295231N 0482944E**  
**LOVAR 2924.4N 04846.1E**  
**SESRA 2908000N 004854.9E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**DANAL 2851.5N 04904.8E**  
**IMDOX 2834.9N 04914.6E**  
**LONOS 283027N 0491713E**  
**DETKO 280550N 0493130E**  
**TOLMO 2655.1N 05029.4E**  
**TORNA 2633.6N 05042.2E**  
**MEMBO 262425N 0504737E**

**R2**      **ATMUL 220000N 0290527E**  
**TULOP 252209N 0262226E**  
**DITAR 265903N 0250000E**

**R205**     **ANARAK (ANK)**  
**BIRJAND (BJD)**

**R219**     **SHARJAH (SHJ)**  
**\* Note 7 (OB, OM)**  
**RATUN 2646.2N 05108.0E**  
**DEDAS 2630.2N 05014.4E**  
**KING FAHD (KFA)**  
**\* Note 7 (OB)**  
**BOROP 2653 17 N 04852 03E**  
**KEDAT 2721 49N 04759 01E**

**R401**     **AMPEX 08 10.0N 055 00.0E**  
**SUHIL 1200.0N 05500.0E**  
**DAPAP 151115N 0552354E**  
**KIVEL 165306N 0553633E**  
**ERDAX 175903N 0554458E**  
**HAIMA (HAI)**  
**DEMKI 224941N 0562308E**  
**MUSAP 241754N 0555245E**  
**GIDIS 243600N 0555600E**  
**RAS AL KHAIMAH (RAK)**  
**DARAX**  
**GHESHM (KHM)**

**R402**     **LAKLU 232235N 0570401E**  
**\*Note 7 (OO)**  
**HAIMA (HAI)**

**UR2**      **ATMUL 220000N 0290527E**  
**TULOP 252209N 0262226E**  
**DITAR 265903N 0250000E**

**UR205**    **ANARAK (ANK)**  
**BIRJAND (BJD)**

**UR219**    **OTILA 3201.5N 03901.9E**  
**\*Note 7**  
**MODAD**  
**SOKAN**  
**RAFIF**  
**SULAF**  
**FIRAS**

**UR401**    **AMPEX 08 10.0N 055 00.0E**  
**SUHIL 1200.0N 05500.0E**  
**DAPAP 151115N 0552354E**  
**KIVEL 165306N 0553633E**  
**ERDAX 175903N 0554458E**  
**HAIMA (HAI)**  
**DEMKI 224941N 0562308E**  
**MUSAP 241754N 0555245E**  
**GIDIS 243600N 0555600E**  
**RAS AL KHAIMAH (RAK)**  
**DARAX**  
**GHESHM (KHM)**

**UR402**    **LAKLU 232235N 0570401E**  
**\*Note 7 (OO)**  
**HAIMA (HAI)**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**R462 (JIWANI) JI**  
**DENDA 2442.5N 06054.8E**  
**VUSET 235540N 0590812E**  
**\*Note 7 (OO)**  
**MIBSI 234139N 0575523E**

**UR462 (JIWANI) JI**  
**DENDA 2442.5N 06054.8E**  
**VUSET 235540N 0590812E**  
**\*Note 7 (OO)**  
**MIBSI 234139N 0575523E**

**R650 ASRAB 2547.4N 03306.3E**  
**HURGHADA (HGD)**  
**SHARM EL SHEIKH (SHM)**  
**NUWEIBAA (NWB)**  
**NALSO 2932.0N 03453.0E**

**UR650 ASRAB 2547.4N 03306.3E**  
**HURGHADA (HGD)**  
**SHARM EL SHEIKH (SHM)**  
**NUWEIBAA (NWB)**  
**NALSO 2932.0N 03453.0E**

**R652 OVANO 3148.0N 03909.8E**  
**TURAIIF (TRF)**  
**\*Note 7(OE)**  
**GURIAT (GRY)**  
**QATRANEH (QTR)**  
~~**AQABA**~~  
**METSA 2930.0N 03500.0E**

**UR652 OVANO 3148.0N 03909.8E**  
**TURAIIF (TRF)**  
**\*Note 7(OE)**  
**GURIAT (GRY)**  
**QATRANEH (QTR)**  
~~**AQABA**~~  
**METSA 2930.0N 03500.0E**

**R654 ZANJAN (ZAJ)**  
**SAVEH (SAV)**  
**ESFAHAN (ISN)**  
**YAZD (YZD)**  
**KERMAN (KER)**  
**NABOD 2816.1N 05825.3E**  
**CHAH BAHAR (CBH)**  
**EGTAL 243458N 0603724E**  
**VAXIM 231900N 0611100E**

**UR654 MAGRI 385408N 0462300E**  
**ZANJAN (ZAJ)**  
**SAVEH (SAV)**  
**ESFAHAN (ISN)**  
**YAZD (YZD)**  
**KERMAN (KER)**  
**NABOD 2816.1N 05825.3E**  
**CHAH BAHAR (CBH)**  
**EGTAL 243458N 0603724E**  
**VAXIM 231900N 0611100E**

**R655 (LARNACA) LCA**  
**CHEKA (CAK)**  
**KARIATAIN (KTN)**

**UR655 (LARNACA)**  
**CHEKA (CAK)**  
**KARIATAIN (KTN)**

**R659 TEHRAN(TRN)**  
**\*Note 7 (ISN-TRN)**  
**BOXAM 343749N 0515147E**  
**DAPOG 333744N 0522331E**  
**SHIRAZ (SYZ)**  
**DOHA (DOH)**  
**BATHA (BAT) 241257N**  
**051270E**

**UR659 TEHRAN(TRN)**  
**\*Note 7 (ISN-TRN)**  
**BOXAM 343749N 0515147E**  
**DAPOG 333744N 0522331E**  
**SHIRAZ (SYZ)**  
**DOHA (DOH)**  
**BATHA (BAT) 241257N 051270E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**MIGMA 225035N 0512749E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**SHARURAH (SHA)**  
**ATBOT 171418N 0464706E**  
**RAGNI 163454N 0454815E**  
**LOPAD 161651N 0453738E**  
**ITOLI 152825N 0450927E**  
**OBNAM 144541N 0444448E**  
**GEVEL 141229N 0442547E**  
**NOPVO 135436N 0441536E**  
**TAZ 134149.53N 0440818.98E**  
**PARIM 123142N 0432712E**

**MIGMA 225035N 0512749E**  
**PURDA 210805N 0510329E**  
**ASTIN 200410N 0495320E**  
**SHARURAH (SHA)**  
**ATBOT 171418N 0464706E**  
**RAGNI 163454N 0454815E**  
**LOPAD 161651N 0453738E**  
**ITOLI 152825N 0450927E**  
**OBNAM 144541N 0444448E**  
**GEVEL 141229N 0442547E**  
**NOPVO 135436N 0441536E**  
**TAZ 134149.53N 0440818.98E**  
**PARIM 123142N 0432712E**

**R660 (ERZURUM) (ERZ)**  
**DASIS 38 54.5N 044 12.5E**  
**TABRIZ (TBZ)**  
**RASHT (RST)**  
**TEHRAN (TRN)**

**UR660 (ERZURUM) (ERZ)**  
**RASHT (RST)**  
**TEHRAN (TRN)**

**R661 DULAV 3857.0N 04537.9E**  
**TABRIZ (TBZ)**  
**ZANJAN (ZAJ)**  
**RUDESHUR (RUS)**  
**VARAMIN (VR)**  
**DEHNAMAK (DHN)**

**UR661 DULAV 3857.0N 04537.9E**  
**TABRIZ (TBZ)**  
**ZANJAN (ZAJ)**  
**RUDESHUR (RUS)**  
**VARAMIN (VR)**  
**DEHNAMAK (DHN)**

**UR674 SABEL 185158N 0520339E**  
**LOTEL 180926N 0514103E**  
**PASUL 180341N 0513803E**  
**GOGRI 170752N 0510857E**  
**OBTAS 164633N 0505756E**  
**RARBA 161021N 0503920E**  
**UKORA 152407N 0501547E**  
**NAKAD 150056N 0500402E**  
**DANAN 144010N 0495334E**  
**XABIL 142924N 0494809E**  
**EMABI 141627N 0494139E**  
**PAXED 135027N 0492759E**  
**DEMGO 120258N 0483040E**

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
LOWER AIRSPACE	

Designation Désignation Designación	Significant points Points significatifs Puntos significativos
1	2
UPPER AIRSPACE	

**R775 LUXOR (LXR) 254458N  
0324607E  
DEDLI 2242 32N 03737 19E  
KING ABDULAZIZ (JDW)  
TOKTO 194421N 00395945E  
DANAK 1608.0N 04129.0E  
(ASSAB) SB**

**UR775 LUXOR (LXR) 254458N  
0324607E  
DEDLI 2242 32N 03737 19E  
KING ABDULAZIZ (JDW)  
TOKTO 194421N 00395945E  
DANAK 1608.0N 04129.0E  
(ASSAB) SB**

**R777 DANAK 1608.0N 04129.0E  
SANA'A  
TAIZ  
ARABO 1238.8N 04404.0E  
TORBA 1210.6N 04402.1E**

**UR777 DANAK 1608.0N 04129.0E  
SANA'A  
TAIZ  
ARABO 1238.8N 04404.0E  
TORBA 1210.6N 04402.1E**

**R784 SHARJAH (SHJ)  
ORSAR 2604.5N 05357.5E  
DURSI 2712.3N 05201.7 E  
IMDAT 2740.0N 05113.0E  
ALNIN 2840.9N 05001.6E  
NANPI 290457N 0493157E  
SIDAD 295231N 0482944E**

**UR784 SHARJAH (SHJ)  
ORSAR 2604.5N 05357.5E  
DURSI 2712.3N 05201.7 E  
IMDAT 2740.0N 05113.0E  
ALNIN 2840.9N 05001.6E  
NANPI 290457N 0493157E  
SIDAD 295231N 0482944E**

**R785 TURAIF (TRF)  
ZELAF 3257.0N 03800.0E  
KARIATAIN (KTN)  
BANIAS (BAN)  
NIKAS 3511.6N 03543.0E**

**UR785 TURAIF (TRF)  
ZELAF 3257.0N 03800.0E  
KARIATAIN (KTN)  
BANIAS (BAN)  
NIKAS 3511.6N 03543.0E**

**R794 ULDUS 3810.0N 05020.0E  
NOSHAHR (NSR)  
DEHNAMAK (DHN)  
TABAS (TBS)  
BIRJAND (BJD) \* Note 5 (OI)**

**UR794 ULDUS 3810.0N 05020.0E  
NOSHAHR (NSR)  
DEHNAMAK (DHN)  
TABAS (TBS)  
BIRJAND (BJD) \* Note 5 (OI)**

**R799 IMPOS 183136N 0511848 E  
PASUL 180341N 0513803E  
TONRO 165850N 0522235E  
ASMAK 162327N 0524634E  
ENADO 153333N 0532015E**

**UR799 IMPOS 183136N 0511848 E  
PASUL 180341N 0513803E  
TONRO 165850N 0522235E  
ASMAK 162327N 0524634E  
ENADO 153333N 0532015E**

APPENDIX E

PROPOSAL FOR AMENDMENT OF THE ICAO  
MID AIR NAVIGATION PLAN (DOC 9708), VOLUME I BASIC ANP

(Serial No: MID Basic ANP 11/02-ATM)

- a) **Plan:** Air Navigation Plan, Middle East Region (Doc 9708), Volume I Basic ANP
- b) **Proposed amendment:** Editorial note: Amendments are arranged to show deleted text using ~~text to be deleted~~ and added text with grey shading (text to be inserted) (cf Table ATS 1 – ATS Route Network Page (NP), Charts ATS 2A Pages 114 and 115 Charts 2B Pages 116 and 117 in Volume 1 BASIC ANP Doc 9708).

**Amend requirement ATS Route**  
A/UA16 as follows (NP 74)

<b>A16</b>	<b>RASDA 330600N 0305700E</b> <del>MLAD MELDO 320201N</del> <b>03104406E</b> <b>BALTIM (BLT) 313144N</b> <b>0311035E</b> <b>DEGDI 311429N 0311035E</b> <b>CAIRO (CVO) 300532N 0312318E</b>	<b>UA16</b>	<b>RASDA 330600N 0305700E</b> <del>MLAD MELDO 320201N</del> <b>03104406E</b> <b>BALTIM (BLT) 313144N</b> <b>0311035E</b> <b>DEGDI 311429N 0311035E</b> <b>CAIRO (CVO) 300532N 0312318E</b>
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**Amend requirement ATS Route**  
A/UA145 as follows (NP 74)

<b>A145</b>	<b>PLH 3513.7N 02340.9E</b> <b>SALUN 340000N 0242700E *</b> <b>BRN 3134.5N 02600.3E</b> <b>KHG 2526.9N 03035.4E</b> <del>LUXOR (LXR) 254458 N</del> <del>0324607E 2445.0N 03246.1E</del> <b>IMRAD 260500N 0354400E</b> <b>WEJH 2610.8N 03629.3E</b> <b>HLF 262600N 03916.1E</b> <b>GASSIM 2617.9N 04346.8E</b> <b>MGA 2617.3N 04712.4E</b> <b>ALMAL 2615.9N 04821.1E</b> <b>KING FAHD 2621.9N 04949.2E</b>	<b>UA145</b>	<b>PLH 3513.7N 02340.9E</b> <b>SALUN 340000N 0242700E *</b> <b>BRN 3134.5N 02600.3E</b> <b>KHG 2526.9N 03035.4E</b> <del>LUXOR (LXR) 254458 N</del> <del>0324607E 2445.0N 03246.1E</del> <b>IMRAD 260500N 0354400E</b> <b>WEJH 2610.8N 03629.3E</b> <b>HLF 262600N 03916.1E</b> <b>GASSIM 2617.9N 04346.8E</b> <b>MGA 2617.3N 04712.4E</b> <b>ALMAL 2615.9N 04821.1E</b> <b>KING FAHD 2621.9N 04949.2E</b>
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**Amend requirement ATS Route**  
A/UA411 as follows (NP 74)

<b>A411</b>	<b>(CAIRO) 3005.5N 03123.3E</b> <b>MENLI 2947.0N 03152.1E</b> <del>KAMHS KAPIT 2917.0N 03236.1E</del> <b>SHARM EL SHEIKH</b> <b>PASAM 2730.8N 03455.7E</b> <b>*Note 7(OE)</b> <b>WEJH 2610.8N 03629.3E</b> <b>MUVAT 2537.9N 03654.8E</b> <b>YEN 2409.0N 03802.3E</b> <b>JDW 2140.7N 03910.0E</b>	<b>UA411</b>	<b>(CAIRO) 3005.5N 03123.3E</b> <b>MENLI 2947.0N 03152.1E</b> <del>KAMHS KAPIT 2917.0N 03236.1E</del> <b>SHARM EL SHEIKH</b> <b>PASAM 2730.8N 03455.7E</b> <b>*Note 7(OE)</b> <b>WEJH 2610.8N 03629.3E</b> <b>MUVAT 2537.9N 03654.8E</b> <b>YEN 2409.0N 03802.3E</b> <b>JDW 2140.7N 03910.0E</b>
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QUN 1922.2N 04104.5E  
TALIB 1838.9N 04131.2E  
GIZ 1654.5N 04234.7E  
NABAN 1631.4N 04301.8E  
IMSIL 1557.6N 04313.2E  
SAA 1530.0N 04413.2E

QUN 1922.2N 04104.5E  
TALIB 1838.9N 04131.2E  
GIZ 1654.5N 04234.7E  
NABAN 1631.4N 04301.8E  
IMSIL 1557.6N 04313.2E  
SAA 1530.0N 04413.2E

Amend requirement ATS Route  
UL572 as follows (NP 92)

UL572 KAMISHLY (KML)  
LESRI 3704.3N 04113.8E  
HASSAKEH (HAS) 3629N  
04045.3E  
DIER ZZOR (DRZ)  
TANF (TAN)

Add a requirement ATS Route  
L/UL620 as follows (NP 93)

L620 BALMA 342856N 0350302E  
KAD 334827N 0352910E

UL620 BALMA 342856N 0350302E  
KAD 334827N 0352910E

Amend requirement ATS Route  
UL768 as follows (NP 94)

UL768 MENSA 245750N 0563249E  
AVAMI 2505.9N 05556.8E  
\*Note 7  
ATBOR 2510.1N 05519.8E  
RANBI 251908N 0544500E  
DUVGA 2530.3N 05403.5E  
BALUS 254554N 0530424E  
ELAXI 260000N 0523500E  
IMTAS 281800N 0515700E  
DAXAS 2621.3N 0515000E  
ASMOR 2636.7 0511700E  
TOLMO 265504N 0502927E  
RAMSI 270249N 0500714E  
ALVUN 271028N 0494455E  
KISAB 272335N 0490606E  
COPPI 2750.6N 04744.0E  
HFR  
VATIM 2851.6N 04444.7E  
RAFHA (RAF)  
ARAR (AAR)  
OVANO3148.0N 03909.9E  
OTILA 3201.5N 03901.9E  
MODAD 3235.7N 03841.6E  
SOKAN 3308.1N 03822.1E  
RAFIF 3312.8N 03819.3E  
SULAF 3327.3N 03810.4E  
FIRAS 3352.3N 03755.2E



Add a requirement ATS Route  
M/UM305 as follows (NP 95)

**M305** BRN 3134.5N 02600.3E  
ATMUL 200000N 2905.4E

**UM305** BRN 3134.5N 02600.3E  
ATMUL 200000N 2905.4E

Add a requirement ATS Route  
M/UM312 as follows (NP 95)

**M312** DBA 3100.7N 02828.0E  
AMIBO 3456.7N 2136.4E

**UM312** DBA 3100.7N 02828.0E  
AMIBO 3456.7N 2136.4E

Add a requirement ATS Route  
N/UN310 as follows (NP 100)

**N310** BALMA 342856N 0350302E  
CAK 341802N 0354200E  
LATEB 3401.9N 03624.1E  
BASEM 3333.6N 03739.1E

**UN310** BALMA 342856N 0350302E  
CAK 341802N 0354200E  
LATEB 3401.9N 03624.1E  
BASEM 3333.6N 03739.1E

Add a requirement ATS Route  
N/UN438 as follows (NP 101)

**N438** LITAN 333456N 0343758E  
KAD 334827N 0352910E  
CAK 341802N 0354200E  
RA 343510N 0360010E

**UN438** LITAN 333456N 0343758E  
KAD 334827N 0352910E  
CAK 341802N 0354200E  
RA 343510N 0360010E

Add a requirement ATS Route  
P/UP300 as follows (NP 104)

**P300** KAD 334827N 0352910E  
LATEB 3401.9N 03624.1E

**UP300** KAD 334827N 0352910E  
LATEB 3401.9N 03624.1E

Amend requirement ATS Route  
P/UP751 as follows (NP 106)

**P751** AMIBO 3456.7N 2136.4E  
BRN 3134.5N 02600.3E  
KATAB 2925.0N 2905.1E  
AST 2701.9N 03101.9E  
LUXOR (LXR)  
ALEBA 2200.0N 03527.0E  
PORT SUDAN  
[ASMARA] \* Note 1  
ASSAB 1304.0N 04238.8E  
PARIM 1231.7N 04327.2E  
ADEN  
ANGAL 1614.0N 06000.0E  
(MUMBAI) BBB

**UP751** AMIBO 3456.7N 2136.4E  
BRN 3134.5N 02600.3E  
KATAB 2925.0N 2905.1E  
AST 2701.9N 03101.9E  
LUXOR (LXR)  
ALEBA 2200.0N 03527.0E  
PORT SUDAN  
[ASMARA] \* Note 1  
ASSAB 1304.0N 04238.8E  
PARIM 1231.7N 04327.2E  
ADEN  
ANGAL 1614.0N 06000.0E  
(MUMBAI) BBB

Amend requirement ATS Route  
UR219 as follows (NP 107)

**R219** KUKLA 3414.6N 03444.8E  
KALDE (KAD)

**UR219** KUKLA 3414.6N 03444.8E  
KALDE (KAD)

~~OTIL~~ ~~3201.5N~~ ~~03901.9E~~  
~~\*Note 7~~  
~~MODAD~~  
~~SOKAN~~  
~~RAFIF~~  
~~SULAF~~  
~~FIRAS~~

- c) **Originated by:** ATM/SAR/AIS SG/12 meeting
- d) **Originator's reasons for amendment:** As a result of requests received from Egypt, Jordan and Syria related to changes to the Regional ATS Route network, in their FIRs and also the extension of the Route P751 from BRN to AMIBO, in order to align the MID Basic ANP with the AFI Basic ANP.
- e) **Intended date of implementation:** As soon as practicable after approval
- f) **Proposal circulated to following States and organizations:**
- |                           |                      |
|---------------------------|----------------------|
| Bahrain                   | Qatar                |
| Cyprus                    | Saudi Arabia         |
| Egypt                     | Sudan                |
| Greece                    | Syrian Arab Republic |
| Iran, Islamic Republic of | Tunis                |
| Iraq                      | Turkey               |
| Israel                    | United Arab Emirates |
| Jordan                    | Yemen                |
| Kuwait                    | ASECNA               |
| Lebanon                   | CANSO                |
| Libya                     | IACA                 |
| Malta                     | IATA                 |
| Oman                      | IFALPA               |
- g) **Secretariat's comments:** In addition to the amendments the new RNAV route M/UM305 between SIDI BARANI (BRN) (Cairo FIR) and ATMUL (Cairo/Khartoum FIR boundary) will reduce distance flown on ATS route A145 and P557 to relieve congestions over El Kharga (KHG) VOR which will enhance traffic flows, and ATS route efficiency.
- The new RNAV route M/UM312 is proposed to replace the proposal which was emanating from the Libyan Special Coordination meeting (AMIBO – KANAR) which is not supported by Egypt.
- The new RNAV routes L/UL620 is proposed to replace existing route B/UB15, N312 to replace J222, N438 to replace W201 and P300 to replace M1 as requested by Lebanon.