



**DESCRIPTION OF AMENDMENT 1 TO THE  
15TH EDITION OF ICAO DOCUMENT 4444**

Seminar/Workshop on the Implementation of the New Flight Plan  
Format in the SAM Region

Lima , Peru, 13 - 15 September 2010

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**OBJECTIVE**

**PRESENT INFORMATION ON AMENDMENT 1 TO THE  
15TH EDITION OF ICAO DOCUMENT 4444**

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## DESCRIPTION OF THE AMENDMENT

AMENDMENT 1 TO THE 15TH EDITION OF DOC 4444, PANS-ATM, BASICALLY CONTAINS THE FOLLOWING CHANGES:

- **FLIGHT PLAN**
  - CHAPTER 4: GENERAL PROVISIONS FOR AIR TRAFFIC SERVICES – SECTION 4.4 OF THE FLIGHT PLAN
  - APPENDIX 2
    - BOX 7: AIRCRAFT IDENTIFICATION – USE OF ALPHANUMERIC CHARACTERS;
    - BOX 8: FLIGHT RULES AND FLIGHT TYPES;
    - BOX 10: EQUIPMENT: CHANGES IN THE DESIGNATION OF EQUIPMENT AND CAPABILITIES
    - BOX 13: DEPARTURE AERODROME AND TIME
    - BOX 15: ROUTE
    - BOX 16: DESTINATION AERODROME, EXPECTED DURATION, ALTERNATE DESTINATION AERODROMES
    - BOX 18: OTHER DATA
- AIR TRAFFIC SERVICE MESSAGES
  - APPENDIX 3
    - COMPOSITION OF CHG, CNL, DLA, DEP, ROP AND RQS MESSAGES

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## DESCRIPTION OF THE AMENDMENT

CHAPTER 4: GENERAL PROVISIONS FOR AIR TRAFFIC SERVICES – SECTION 4.4 *FLIGHT PLAN*

- IN PART 4.4.1.3, THE FOLLOWING IS ADDED: OPERATORS AND AIR TRAFFIC SERVICE UNITS SHOULD COMPLY WITH:
  - b) ANY RESTRICTION SPECIFIED IN AERONAUTICAL INFORMATION PUBLICATIONS (AIPs)

*NOTE 1— NON-COMPLIANCE WITH THE PROVISIONS OF APPENDIX 2 OR WITH ANY OTHER RESTRICTION SPECIFIED IN THE RELEVANT AIP MAY RESULT IN THE REJECTION, INCORRECT PROCESSING OR LOSS OF DATA.*

- IN PART 4.4.2 FILING OF THE FLIGHT PLAN PRIOR TO DEPARTURE, THE NEW PARAGRAPH 4.4.2.1 STATES: FLIGHT PLANS WILL NOT BE FILED MORE THAN 120 HOURS IN ADVANCE OF THE EXPECTED OFF-BLOCK TIME OF A FLIGHT.

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## DESCRIPTION OF THE AMENDMENT

CHAPTER 4: GENERAL PROVISIONS FOR AIR TRAFFIC SERVICES – SECTION 4.4 FLIGHT PLAN

*AS A RESULT OF THE NEW PARAGRAPH 4.4.2.1, PART 11.4.2.2.5 IS CHANGED AS FOLLOWS:* FPL MESSAGES SHOULD BE TRANSMITTED IMMEDIATELY AFTER FILING THE FLIGHT PLAN. IF A FLIGHT PLAN IS FILED MORE THAN 24 HOURS IN ADVANCE OF THE EXPECTED OFF-BLOCK TIME OF THE RESPECTIVE FLIGHT, THE DATE OF DEPARTURE OF THE FLIGHT WILL BE INSERTED IN BOX 18 OF THE FLIGHT PLAN.

BOX 18 OF THE FLIGHT PLAN – THE DATE OF DEPARTURE OF THE FLIGHT IS INSERTED AFTER THE DOF/YYMMDD INDICATOR (WHERE YY IS THE YEAR, MM IS THE MONTH, AND DD IS THE DAY).

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**DESCRIPTION OF THE AMENDMENT**  
**OTHER DATA**

**BOX 18 – OTHER DATA**

**NEW INDICATOR.** INSERT SURVEILLANCE EQUIPMENT AND CAPABILITIES NOT COVERED IN BOX 10.

**DEP.** NAME AND LOCATION OF THE DEPARTURE AERODROME IF ZZZZ IS INSERTED IN BOX 13 FOR AERODROMES NOT PUBLISHED IN THE AIP. INSERT 4 FIGURES INDICATING LATITUDE IN DEGREES AND TENS OF MINUTES, FOLLOWED BY THE LETTER N OR S, THEN 5 FIGURES INDICATING DEGREES AND TENS AND UNITS OF MINUTES, FOLLOWED BY THE LETTERS E OR W. EXAMPLE: 4620N07805W (11 CHARACTERS)

THE IDENTIFICATION OF THE CLOSEST SIGNIFICANT POINT FOLLOWED BY THE BEARING WITH RESPECT TO THE POINT, IN THE FORM OF 3 FIGURES INDICATING MAGNETIC DEGREES, FOLLOWED BY THE DISTANCE TO THE POINT, IN THE FORM OF 3 FIGURES INDICATING NAUTICAL MILES. EXAMPLE DUB180040.

THE FIRST POINT OF THE ROUTE (NAME OR LAT/LONG) OR THE RADIOBEACON

**DEST.** NAME AND LOCATION OF THE DESTINATION AERODROME. IF ZZZZ IS INSERTED IN BOX 16. FOR AERODROMES THAT DO NOT APPEAR IN THE AIP, INSERT THE LOCATION IN LAT/LONG OR THE BEARING AND DISTANCE WITH RESPECT TO THE CLOSEST SIGNIFICANT POINT, AS PREVIOUSLY DESCRIBED FOR DEP.

**DDP.** **NEW INDICATOR** THE DATE OF DEPARTURE OF THE FLIGHT IN A 6-FIGURE FORMAT (YYMMDD), WHERE YY IS THE YEAR, MM IS THE MONTH, AND DD IS THE DAY).

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**DESCRIPTION OF THE AMENDMENT**  
**OTHER DATA**

**BOX 18 – OTHER DATA**

**REG.** THE NATIONALITY OR COMMON MARK AND THE REGISTRATION MARK OF THE AIRCRAFT, IF DIFFERENT FROM THE AIRCRAFT IDENTIFICATION SHOWN IN BOX 7.

**SIG.** SIGNIFICANT POINT DESIGNATORS OR FIR BOUNDARIES AND TOTAL EXPECTED DURATION FROM TAKE-OFF TO SUCH POINTS OR FIR BOUNDARIES, WHEN PRESCRIBED IN REGIONAL AIR NAVIGATION AGREEMENTS OR BY THE APPROPRIATE ATS AUTHORITY.  
EXAMPLES: EET/CAP0745 XYZ0830  
EET/EINN0204

**SEL.** SELCAL CODE, FOR AIRCRAFT THUS EQUIPPED.

**TYP.** TYPE OF AIRCRAFT, PRECEDED, IF NECESSARY, BY THE NUMBER OF AIRCRAFT WITHOUT ANY SPACE IN BETWEEN, AND SEPARATED BY ONE SPACE IF ZZZZ IS INSERTED IN BOX 9.  
EXAMPLE: TYP2F15 5F5 3B2

**DEL.** **NEW INDICATOR** OF EN-ROUTE DELAY: INSERT THE EN-ROUTE SIGNIFICANT POINTS WHERE A DELAY IS EXPECTED, FOLLOWED BY THE DURATION OF THE DELAY, USING FOUR FIGURES FOR TIME IN HOURS AND MINUTES (HHMM).  
EXAMPLE: DLEMDG0030

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**DESCRIPTION OF THE AMENDMENT**  
**OTHER DATA**

**BOX 18 – OTHER DATA**

**OPR.** ICAO DESIGNATOR OR NAME OF THE OPERATOR, IF DIFFERENT FROM THE AIRCRAFT IDENTIFICATION SHOWN IN BOX 7.

**ORGN.** **NEW INDICATOR** THE 8-LETTER AFTN ADDRESS OF THE ORIGINATOR AND OTHER APPROPRIATE CONTACT DETAILS WHEN THE ORIGINATOR OF THE FLIGHT PLAN CANNOT BE EASILY IDENTIFIED, AS SPECIFIED BY THE APPROPRIATE ATS AUTHORITY.

**ALTD.** NAME OF THE ALTERNATE DESTINATION AERODROMES, IF ZZZZ IS INSERTED IN BOX 16. FOR AERODROMES THAT DO NOT APPEAR IN THE RELEVANT AERONAUTICAL INFORMATION PUBLICATION, INDICATE THE LOCATION IN LAT/LONG OR THE BEARING AND DISTANCE FROM THE CLOSEST SIGNIFICANT POINT, AS PREVIOUSLY DESCRIBED FOR DEP.

**ALAE.** 4-LETTER ICAO INDICATORS FOR ALTERNATE EN-ROUTE AERODROMES, AS SPECIFIED IN LOCATION INDICATORS (DOC 7910), OR THE NAME OF THE ALTERNATE EN-ROUTE AERODROMES, IF NO INDICATOR IS ASSIGNED. FOR AERODROMES NOT SHOWN IN THE RELEVANT AERONAUTICAL INFORMATION PUBLICATION, INDICATE THE LOCATION IN LAT/LONG OR THE BEARING AND DISTANCE FROM THE CLOSEST SIGNIFICANT POINT, AS PREVIOUSLY DESCRIBED FOR DEP.

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## DESCRIPTION OF THE AMENDMENT OTHER DATA

**BOX 18 – OTHER DATA**

**NEW INDICATOR** 4-LETTER ICAO INDICATORS FOR ALTERNATE TAKE-OFF AERODROMES, AS SPECIFIED IN DOC 7910, OR THE NAME OF THE ALTERNATE TAKE-OFF AERODROMES, IF NO INDICATOR IS ASSIGNED. FOR AERODROMES NOT SHOWN IN THE RELEVANT AERONAUTICAL INFORMATION PUBLICATION, INDICATE THE LOCATION IN LAT/LONG OR BEARING AND DISTANCE FROM THE CLOSEST SIGNIFICANT POINT, AS PREVIOUSLY DESCRIBED FOR DEP.

**RIP** DETAILS OF THE ROUTE TO THE NEW DESTINATION AERODROME, FOLLOWED BY THE 4-LETTER ICAO LOCATION INDICATOR CORRESPONDING TO THAT AERODROME. THE REVISED ROUTE IS SUBJECT TO A NEW IN-FLIGHT CLEARANCE.

EXAMPLES: RIF/DTA HEC KLAX  
RIF/ESP G94 CLA YPPH

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## DESCRIPTION OF THE AMENDMENT OTROS DATOS

FLIGHT PLAN AMENDMENT TYPES OF MESSAGES 1	CHANGE REQUIRED 2
<b>BOX 18</b>	
<b>STSI</b> indicator <b>ALTRV</b> <b>ATFMX</b> <b>FFR</b> <b>FLTCK</b>	Reason for special ATS handling, for example, search and rescue mission, as follows: <b>ALTRV</b> : for a flight conducted according to an altitude reservation <b>ATFMX</b> : for a flight approved to be exempt of ATFM measures by the appropriate ATS authorities <b>FFR</b> : fire-fighting <b>FLTCK</b> : flight check for navigation aid calibration.
<b>STSI</b> <b>HAZMAT</b> <b>HEAD</b> <b>HOSP</b> <b>HUM</b> <b>MARSA</b> <b>MEDEVAC</b> <b>NONRVSM</b> <b>SAR</b> <b>STATE</b>	<b>HAZMAT</b> : for a flight carrying hazardous materials <b>HEAD</b> : a flight with Head of State status <b>HOSP</b> : for a medical flight declared by the medical authorities. <b>HUM</b> : for a flight on a humanitarian mission <b>MARSA</b> : for a flight whose separation with respect to military aircraft is under the responsibility of a military body <b>MEDEVAC</b> : for a medical emergency evacuation that is critical for saving lives <b>NONRVSM</b> : for a non-RVSM flight intended for operation in RVSM airspace <b>SAR</b> : for a flight on a search and rescue mission <b>STATE</b> : for a flight providing military customs or police services

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## DESCRIPCION DE LA ENMIENDA OTHER DATA

FLIGHT PLAN AMENDMENT TYPES OF MESSAGES 1	CHANGE REQUIRED 2
<b>BOX 18</b>	
<b>PBN</b> indicator <b>RNAV</b> specification <b>A1</b> : RNAV10 (RNP10) <b>B1</b> : RNAV5 All sensors allowed <b>B2</b> : RNAV5 GNSS <b>B3</b> : RNAV5 DME/DME <b>B4</b> : RNAV5 VOR/DME <b>B5</b> : RNAV5 INS or IRS <b>B6</b> : RNAV5 LORAN C <b>C1</b> : RNAV2 with all sensors <b>C2</b> : RNAV2 with GNSS <b>C3</b> : RNAV2 DME/DME <b>CA</b> : RNAV2 DME/DME/IRS <b>D1</b> : RNAV 1 with all sensors <b>D2</b> : RNAV1 GNSS <b>D3</b> : RNAV1 DME/DME <b>DA</b> : RNAV1 DME/DME/RRU	<b>PBN</b> Indication of RNAV and RNP capabilities. Indicate the number of descriptors listed in column 1 that apply to the flight, using a maximum of eight entries, that is, no more than 16 characters in total. <b>PBN</b> Indication of RNAV and RNP capabilities. Indicate the number of descriptors listed in column 1 that apply to the flight, using a maximum of eight entries, that is, no more than 16 characters in total. <b>PBN</b> Indication of RNAV and RNP capabilities. Indicate the number of descriptors listed in column 1 that apply to the flight, using a maximum of eight entries, that is, no more than 16 characters in total.

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## DESCRIPTION OF THE AMENDMENT

### OTHER DATA

FLIGHT PLAN AMENDMENT TYPES OF MESSAGES	CHANGE REQUIRED
1	2
BOX 18	
<b>PBN/</b> RNP specification <b>L1:</b> RNP-4 <b>O1:</b> Basic RNP with all sensors slowed <b>O2:</b> Basic RNP0NS <b>O3:</b> Basic RNP 1 DME DME <b>O4:</b> Basic RNP1 DME/DME IRU <b>S1:</b> RNP APPCH <b>S2:</b> RNP APPCH with Baro VNAV <b>T1:</b> RNP AR APPCH with RF <b>T2:</b> RNP AR APPCH without RF	<b>PBN/</b> Indication of RNAV and RNP capabilities. Indicate the number of descriptors listed in column 1 that apply to the flight, using a maximum of eight entries, that is, no more than 16 characters in total.

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## DESCRIPTION OF THE AMENDMENT

### AIR TRAFFIC SERVICE MESSAGES

**EMERGENCY MESSAGES**  
**ALER (ALERT)** FIELDS: 3, 5, 7, 8, 9, 10, 13, 15, 16, 18, 19, 20

**FLIGHT PLAN AND UPDATED FLIGHT PLAN MESSAGES**  
**FFL (FILED FLIGHT PLAN)** 3, 7, 8, 9, 10, 13, 15, 16, 18  
**MOD (MODIF)** 3, 7, 13, 16, 18  
**CAN (CANCELLATION OF THE FLIGHT PLAN)** 3, 7, 13, 16, 18  
**DLA (DELAY)** 3, 7, 13, 16, 18  
**DEP (DEPARTURE)** 3, 7, 13, 16, 18

**COORDINATION MESSAGES**  
**UPF (UPDATED FLIGHT PLAN)** 3, 7, 8, 9, 10, 13, 14, 15, 18

**SUPPLEMENTARY MESSAGES**  
**RQS (SUPPLEMENTARY FLIGHT PLAN REQUEST)** 3, 7, 13, 16, 18

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Thank you  
Questions?

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