



International Civil Aviation Organization

WORKING PAPER

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THIRTEENTH AIR NAVIGATION CONFERENCE

Montréal, Canada, 9 to 19 October 2018

COMMITTEE A

Agenda Item 4: Implementing the global air navigation system and the role of planning and implementation regional groups (PIRGs)

4.3: Implementing ASBUs for performance improvement

THE ALGERIAN NATIONAL AIR NAVIGATION PLAN

(Presented by Algeria)

EXECUTIVE SUMMARY

The purpose of this briefing note is to provide the conference with an update on the implementation of the National Air Navigation Plan to improve compliance with standards and recommended practices and operational safety requirements.

1. INTRODUCTION

1.1 This briefing note describes the air navigation development plan which is implemented to improve operational performance in accordance with standards and recommended practices and operational safety requirements.

2. DISCUSSION

The Algerian Air Navigation Services have introduced several national plans such as:

2.1 The implementation of performance-based navigation:

2.1.1 An action plan related to the implementation of performance-based air navigation has been established while taking into account the human resource, the equipment and procedures. Four phases have been defined: Planning, designing, validating and implementation. Currently this plan is in the final stages.

¹ English and French versions provided by Algeria.

2.1.2 As part of the Algeria-EU Association Agreement "MEDUSA Project", two procedures(RNP / APCH-GNSS) and (LNAV, LNAV / VNAV and SBAS) have been developed for QFU 26 and QFU 08 of Bejaia airport, as well as the installation of two stations planned in Algiers FIR (RIMS / EGNOS) for the needs of satellite navigation.

2.2 The civil aviation block upgrades (ASBU):

2.2.1 In accordance with the resolutions of the 12th ICAO Conference, Algeria has set up an action plan for the implementation of ASBU blocks involving the various stakeholders of civil aviation (ANSP, Airports, Companies and the National Meteorological Office).

2.2.2 Under the auspices of ICAO, Algeria has organized a seminar in September 2016 to discuss the action plan related to the implementation of ASBU blocks including the implementation of block 0.

2.3 The implementation of the traffic flow management service (ATFM):

2.3.1 A project to set up an ATFM service in Algiers FIR is in progress with EUROCONTROL.

2.3.2 The implementation plan includes two phases:

- Training the ATC staff in the field of air traffic flow management.
- Making a bilateral agreement with EURONCONTROL that will enable Algeria to use EUROCONTROL's IFPS and ATFM services.

2.4 Implementing a performance framework:

2.4.1 A national plan, in the form of a road map, has been developed to put into action a national performance framework in accordance with the guidelines set by the ICAO document "EUR DOC 030". This plan consists of:

- a) identifying the performance goals and responsibilities of each to achieve them;
- b) identifying the key areas of performance;
- c) establishing a process for collecting and monitoring performance indicators; and
- d) establishing methods and procedures based on the use of ICAO tools (IFSET) for collecting, processing, storing data and providing information on performance measures.

2.4.2 An annual Regional Performance Review Report (RPRR) is sent to ICAO.

2.5 Implementation of an Airspace Management Development Plan (PDGEA):

2.5.1 To promote air safety, Algeria has proceeded to the realization of a second Regional Control Center in the south of Algeria, the renewal of the equipment of the current Regional Control Center of Algiers and the acquisition of latest equipment (automated ATC system, Radar Mode S, ADS-B, VSAT, remote VHF...).

2.5.2 This plan will be effective by the end of 2019 and will strengthen the various plans mentioned above.

3. **CONCLUSION**

- 3.1 The conference is invited to take note of this information presented so far.

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