



**INTERNATIONAL CIVIL AVIATION ORGANIZATION**  
**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP**  
**SEVENTEENTH MEETING (APIRG/17)**  
**(Burkina Faso, 2 to 6 August 2010)**

**Agenda Item 3: Issues relative to the planning and to the implementation of air Navigation in the AFI Region.**

3.4 Offer to host the AFI Flight Procedures Office (FPO) by ASECNA

*(Note presented by MALI)*

**Sommaire**

This working paper presents the proposals of ASECNA to host the flight procedure program of AFI Region ( PFO/FPP)

**REFERENCE:**

Special meeting of Air navigation (RAN AFI/8)

**1. Introduction**

1.1 Within the framework of the harmonious implementation of performance based navigation (PBN) in the AFI region, Special AFI RAN Meeting (SP AFI RAN 2008) recommended to the States and international organizations their support for the setting-up of an office of flight procedures for Africa.

1.2 The meeting had received forthwith, the offer of ASECNA to host this office and the promise of the French Direction General of Civil aviation (DGAC) to give him its support.

1.3 This will was initially notified to ICAO which encouraged us to continue to work more in order to produce serious and detailed proposals.

**2. ASECNA Proposals:**

**2.1 Inventory and statement of state:**

The ASECNA has a PANS-OPS unit attached since 1993, to the Direction of Operation (DEE), which designs and produces conventional and RNAV procedures for 31 Community airports and about sixty national airports.

These procedures are available on the ASECNA AIS website: [www.ais-asecna.org](http://www.ais-asecna.org).

This unit has already provided procedures to States which are not members of ASECNA;

**2.2 Premises**

ASECNA has functional premises which are suitable to accommodate FPO/FPP in ERNAM (Regional School of the Air navigation and Management) located in Dakar (Senegal).

ERNAM is equipped with a protected telecommunications network and in addition offers a capacity of accommodation (lodging and restoration) for the trainees and occasional lecturers.

### **2.3 Technical Equipment**

The initial dimensioning of this office can be as follows:

- 04 posts for procedures designers equipped with GéoTITAN licences \*
- 04 posts for training equipped licences;
- 02 laptop computers with GéoTITAN for missions;
- 02 tables of drawing (necessary for studies concerning the aerodromes for which the required MNT are not available);
- 01 A0 tracer;
- 01 A3 scanner

The FPO could count on other tools specific to ASECNA for some services, in particular:

- In flight check of GNSS procedures with its plane of calibration:
- data base management and automated production of aeronautical charts, thanks to the new system being implemented.

### **2.4 Aspects of Human Resources**

ASECNA has six (6) qualified procedure designers, part of which could be at the disposal of the FPO. This manpower must be reinforced in the short run.

Organization proposed for the FPO:

The following initial organization could be implemented:

- manager;
- One (1) administrative assistant;
- one (1) qualified data processing specialist in aeronautical data bases management, who will be supported by the data processing department of ASECNA;
- Four (4) procedures designers.

The office will have a permanent accommodation capacity of four trainees (OJT training), and also the capacity of organizing trainings, courses, workshops, seminars on a regular basis at ERNAM or on external sites.

The Manager of this office will have an ICAO statute.

Non ASECNA member countries which already have a capacity in procedures design will be encouraged to place some procedure designers at the disposal of the FPO.

### **2.5 Arrangement of management**

The office will have to be able to function in a perennial way after the launching period. The objective is not to depend on risks of financing from multilateral financial backers or contributions of the States taking part in the program.

Some data relating to the financing

The ASECNA will offer the premises, part of the personnel (including one or two procedures designers) and equipment (computers, tracer, printers, scanner, etc).

The French National School of Civil aviation (ENAC) will place at the disposal of the office free GéoTITAN licences. ASECNA, in co-operation with the DGAC, for the launching period (3 years), will seek a financing for:

*\*:This software developed by ENAC is validated by the French DGAC;it offers a high degree of automation, guaranteeing the integrity of the data during the process of design of the procedures.*

- the purchase of the middleware and the assumption of responsibility of the expenses attached to the implementation of the software;
- training of the users of GéoTITAN;
- the annual maintenance of the software;
- the assumption of responsibility of the post of manager of the office. will propose candidates for this post of manager.

Any State taking part will deal with the costs of personnel which it places at the disposal of the office. The mode of recovery of the costs of the services rendered by the office is still under studies.

### **3 Action to be taken**

The meeting is invited to:

- 3.1 note the information contained in the present working note.
- 3.2 These proposals are submitted to the States not members of ASECNA in order to measure their interest for the project, their expectations and needs, their capacity to contribute and adhere to these proposals.