

ORGANISATION DE L'AVIATION CIVILE INTERNATIONALE

GROUPE RÉGIONAL AFI DE PLANIFICATION ET DE MISE
EN OEUVRE

DIX-NEUVIEME REUNION (APIRG/19)

Dakar, Sénégal (28-31 octobre 2013)

Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation

3.4 Communications, Navigation and Surveillance (CNS)

Survey on missing flight plans: August 2012 -August 2013

(Présentée by ASECNA)

SUMMARY	
This working paper provides an update on missing flight plans from August 2012 to August 2013 and proposes mitigation solutions.	
REFERENCES: Conclusion 17/18 & 18/18 d'APIRG 18	
<i>Stratégic Objectives</i>	This working paper is related to strategic objectives A& B

1. INTRODUCTION

1.1. The missing flight plans continue to affect the provision of air navigation services and APIRG/18 conclusion 18/17, invites various States in the AFI Region to conduct regular surveys on missing flight plans.

1.2. In this regard, ASECNA operational centers were invited to conduct monthly, surveys on the missing flight plans in order to find a suitable solution to the problem. The investigations concerned the missing flight plans for both arrival and over flight aircrafts.

2. DISCUSSIONS

General results

2.1. The results involve a dozen of centers whose data were regularly received for the period from August 2012 to August 2013.

2.2. During this period, 74,425 flights were treated with 64,438 received flight plans (or 86.58%) and 9.987 non receipts (or 13.42%).

2.3. The general distribution of the missing flight plans from the various continents is as follows:

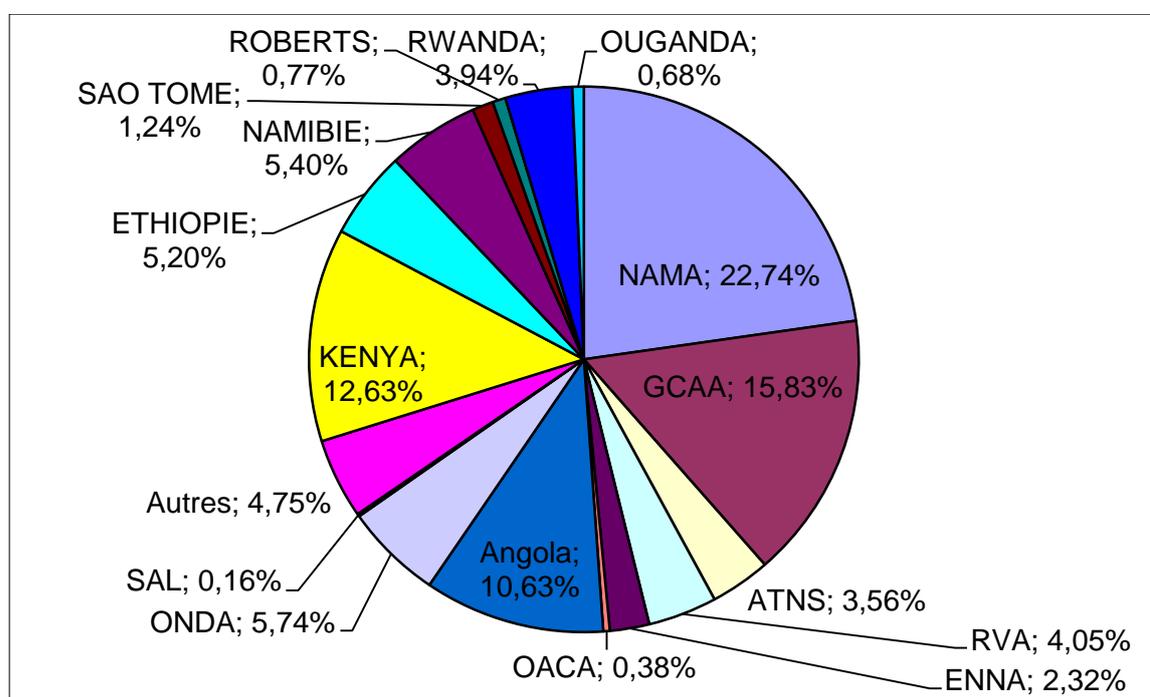
Continent	Missing FPL	Percentage
Europe	9571	12,86%
America	1905	2,56%
Africa	58677	78,84%
Asia	4272	5,74%

2.4. The analysis of the results indicates that:

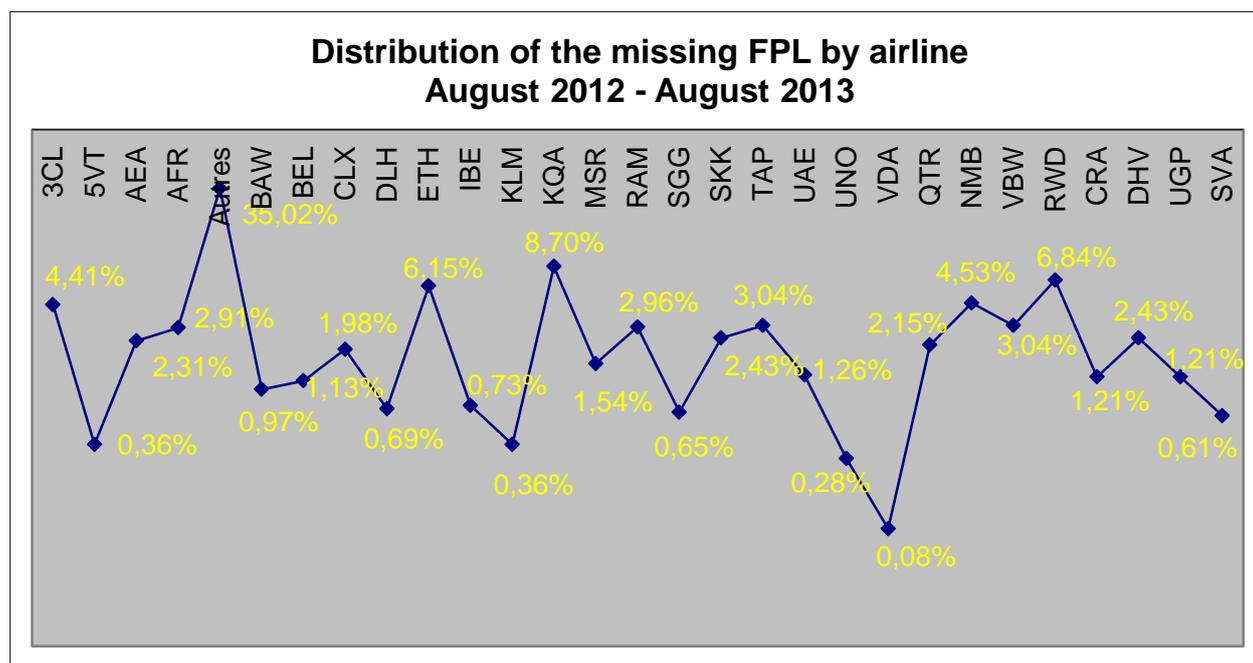
- 59.6% of the missing flight plans messages do not have in the AFTN address line, the recipient address indicator ;
- 39.73% of the missing flight plans messages are related to various technical problems or human factors (including routing, training of staff responsible for the transmission of the flight plans);
- 0.34% of the missing flights plans messages are related to flights which FPL have not been issued for safety or unknown reasons.

Results for AFI Region

2.5. The following graph indicates the distribution of the missing flight plans by center or ANSP.



2.6. The distribution per airline is provided below:



The various causes of the missing flight plans

2.7. The analysis of the survey results highlighted the following reasons:

- the lack of knowledge of ASECNA airspace organization by some airlines or ANSP;
- the omission of the AFTN addresses of some organisms in charge of air traffic control;
- the inadequate configuration of the routing table as well as the lack of knowledge of FPL messages routing procedures and ;
- the failure of some circuits.

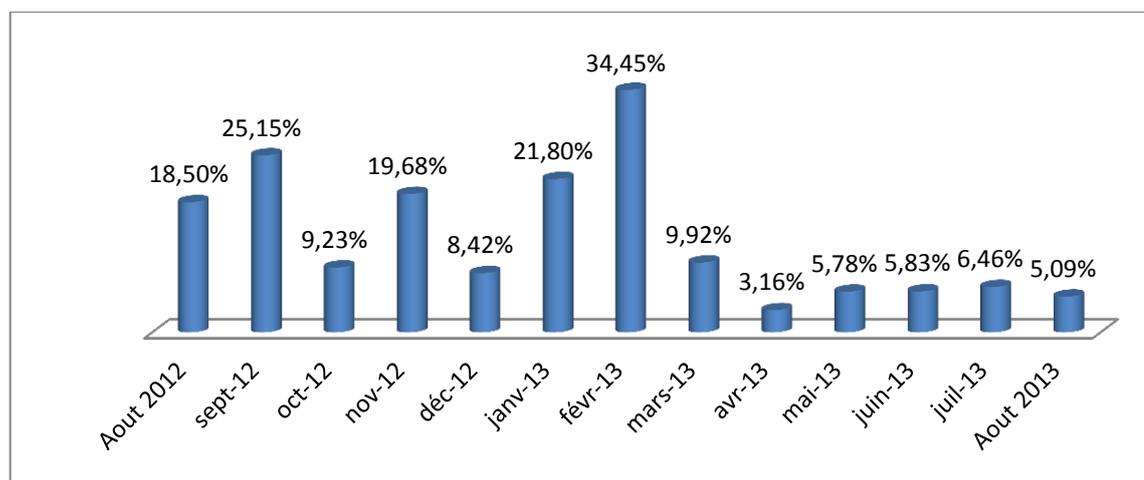
Improvement solutions

2.8. In order to mitigate the missing flight plans, ASECNA implemented since March 2013 three collective addresses (PDAI) in Dakar, Brazzaville and Niamey centers in accordance with the AIC N ° 02/A/13 FC and N ° 03/A/13GO with:

- GOZZZQZX including AFTN addresses of Dakar, Nouakchott, Bamako and Abidjan ACCs;
- DRZZZQZX including AFTN addresses of Niamey and Ouagadougou ACCs;
- FCZZZQZX including AFTN addresses of Brazzaville, Douala and Libreville ACCs

Correspondences have been sent to IATA, ICAO and EUROCONTROL informing them about the implementation of these collective addresses.

2.9. Since the implementation of these collective addresses, significant improvements have been recorded in the various centers and the following graph reports the evolution on the survey period:



2.10. In addition to the improvement recorded, the following action would contribute to improve the availability of the flight plans:

- update in coordination with ICAO of the routing table of each center, including of new AFTN circuits;
- exchange of information related to missing flight plans between involved centers in accordance with Conclusion 17/42 of APIRG/17;
- sensitization of AIM personnel in charge of issuing the flight plan on the FPL routing procedures in accordance with the conclusion of 18/18 APIRG/17.

3. Conclusion

The meeting is invited to:

- take note of the information to mitigate the problem of the missing flight plans;
- request ICAO, IATA ANSP and continue to sensitize stakeholders on the use of collective ASECNA address above to mitigate the missing flight plans;
- take any necessary action at AFI level (workshop, task force...) to find a definitive solution to the issue of missing flight plans

END