



# **Twenty-sixth Meeting of AFI Satellite Network Management Committee**

*Ouagadougou, Burkina Faso, 19-23 November 2018*

**Agenda Item 2: Operational Statistics  
(*Missing FPL*)**

**(Presented by ASECNA)**

# 1. INTRODUCTION

According to the conclusion 18/17 of APIRG / 18, each ASECNA center was sensitized to conduct monthly surveys to find a suitable solution to the problem of missing flight plans. The investigations carried out concerning the missing flight plans of all aircraft both on arrival and over flight.

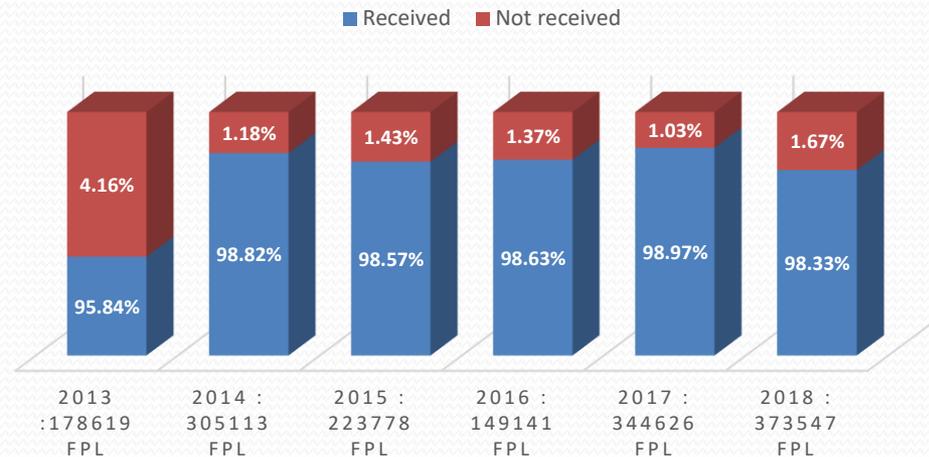
The present Working Paper gives a report on the availability of the FPL in ASECNA area from January to October 2018.

# 2. Availability global of FPL in ASECNA area

## □ Number of FPL not received:

- 2013 : 7.425
- 2014 : 3.597
- 2015 : 3.192
- 2016 : 1.786
- 2017 : 3.540
- 2018 : 6.227

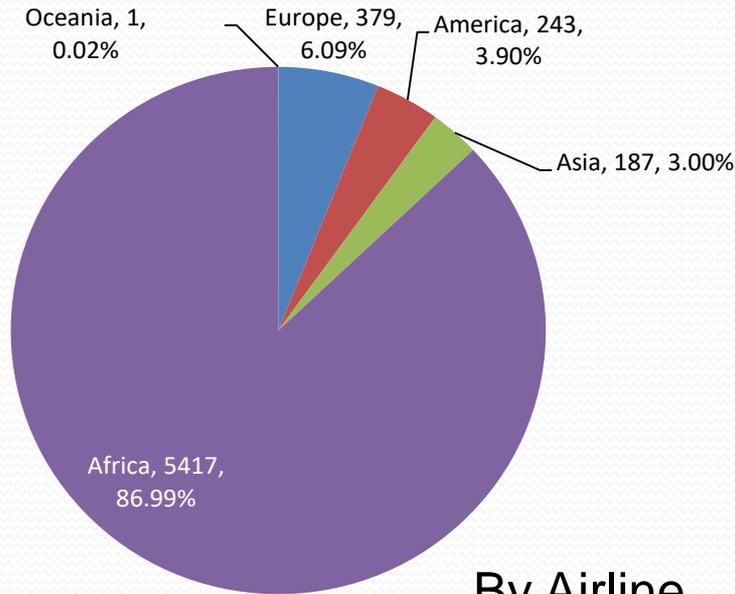
IMPROVED RECEPTION FPL 2013-2018



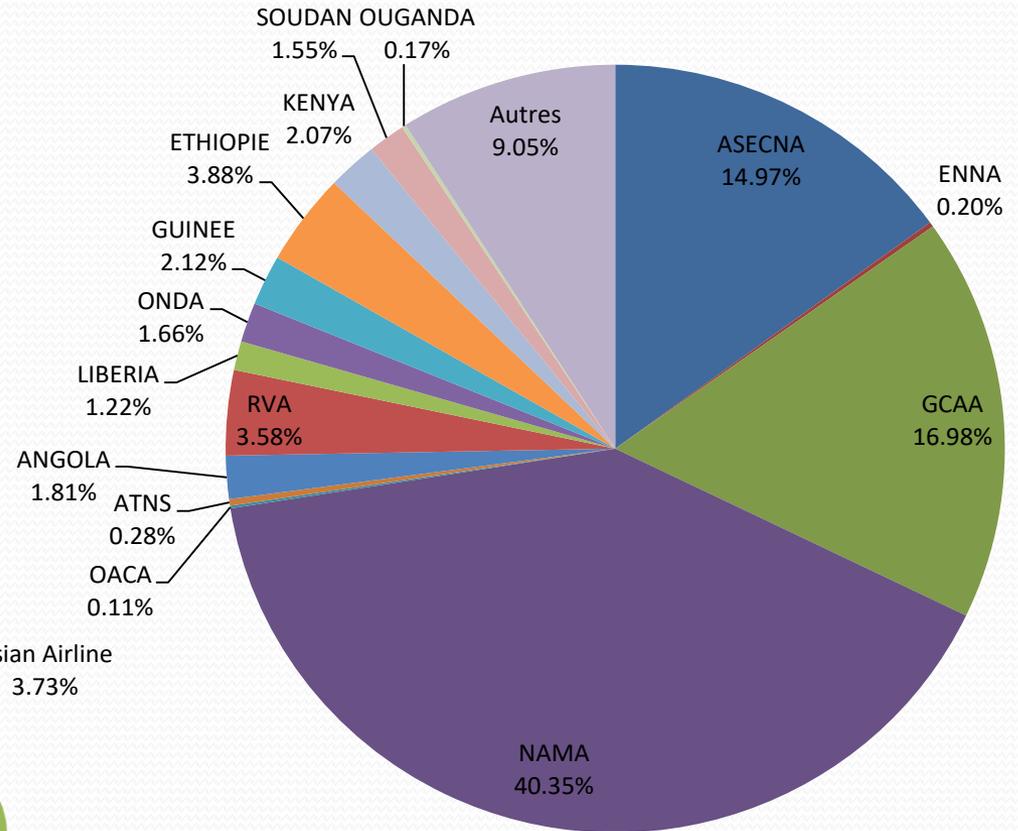
# 3. global Result of missing FPL

## 2018

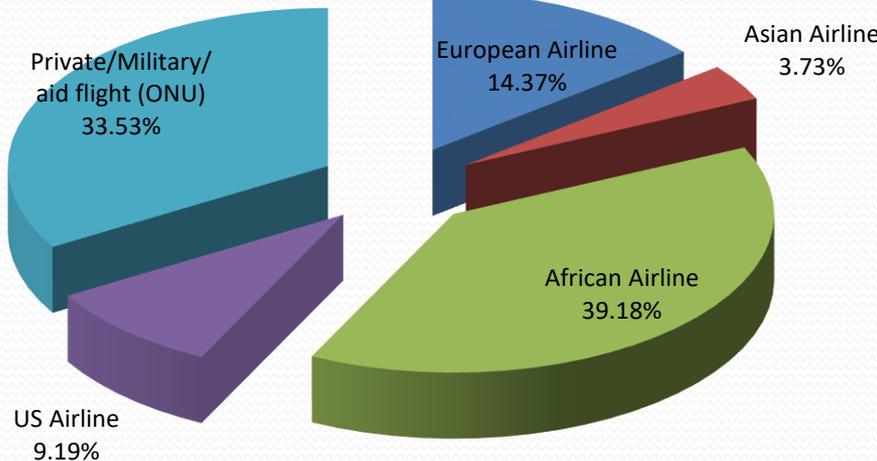
By continent



By ANSP in Africa

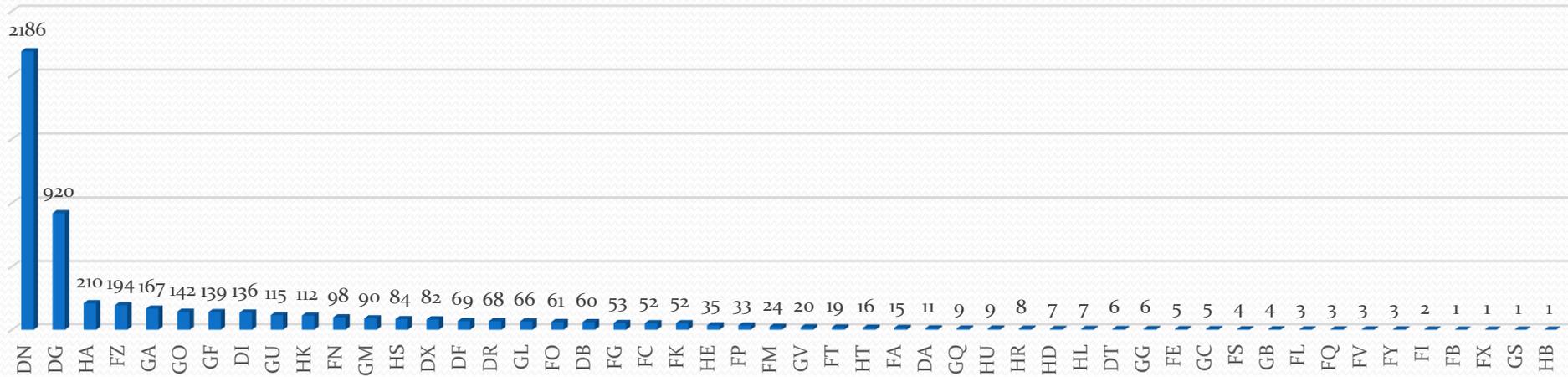


By Airline

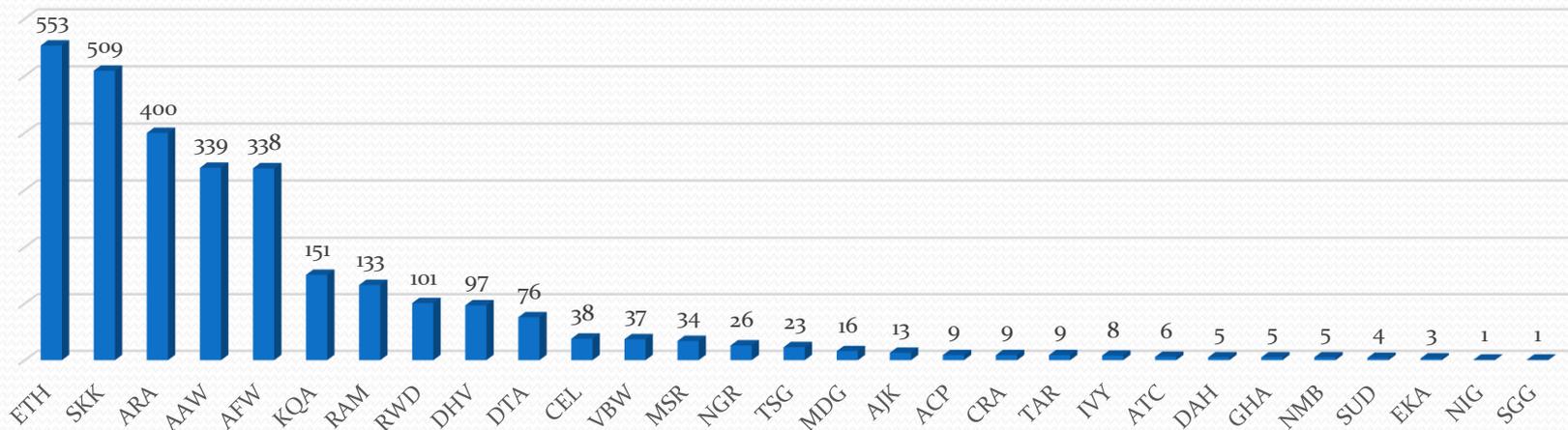


# 4. GLOBAL RESULT

Distribution missing FPL by origin AFI country

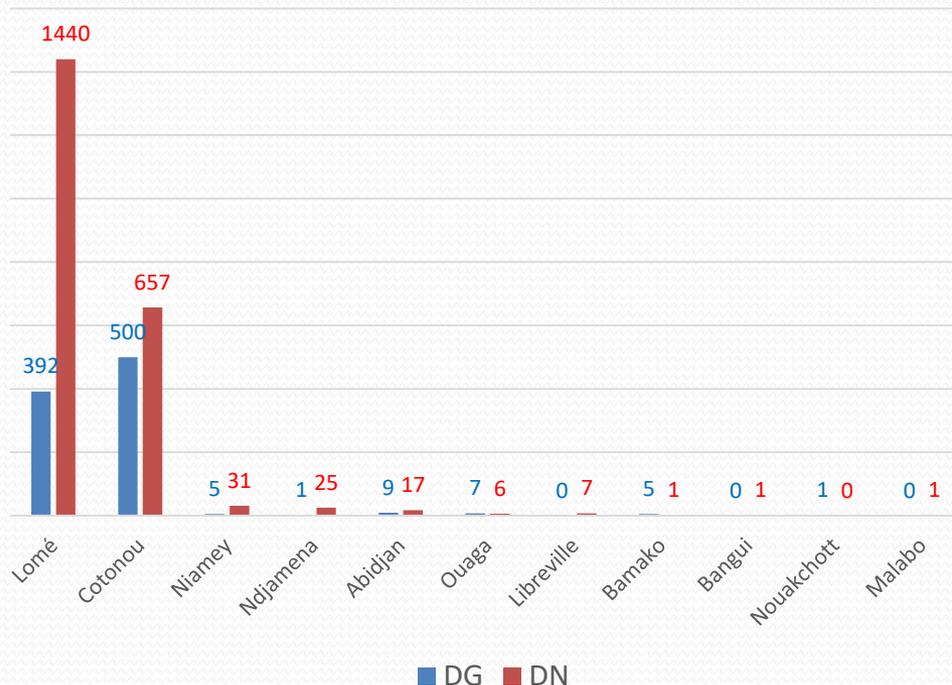


Distribution missing FPL by Airline AFI



# 4. Missing FPL from the indicators D area AFI

Number of missing FPL at ASECNA centre from D region  
Jan - Oct 2018



Lomé from DG:

- **97,16% overflight** from DGAA, DGLE. With 30,61% concerned AFW flight; 25% APK; 6,89%THY; 6,12%KNE; 5,87% ARA; 2,81% MEA; 2,04%RWD; 20,66% Others.
- **2,04% arrival** from DGAA. With 75% SKK flights; 12,5% BEL; 12,5% AFR.

Lomé from DN:

- **97,78% overflight** from DNMM,DNAA, DNKN, DNPO. With 27,34% concerned APK flight; 13,99% ARA; 11,72% VRE; 10,23% AFW; 6,11% ETH; 4,47% MEA; 3,20% GHN; 3,05% RWD; 19,89% Others.
- **2,22% arrival** from DNMM. With 90,63% SKK flights; 9,38% others.

Cotonou from DG:

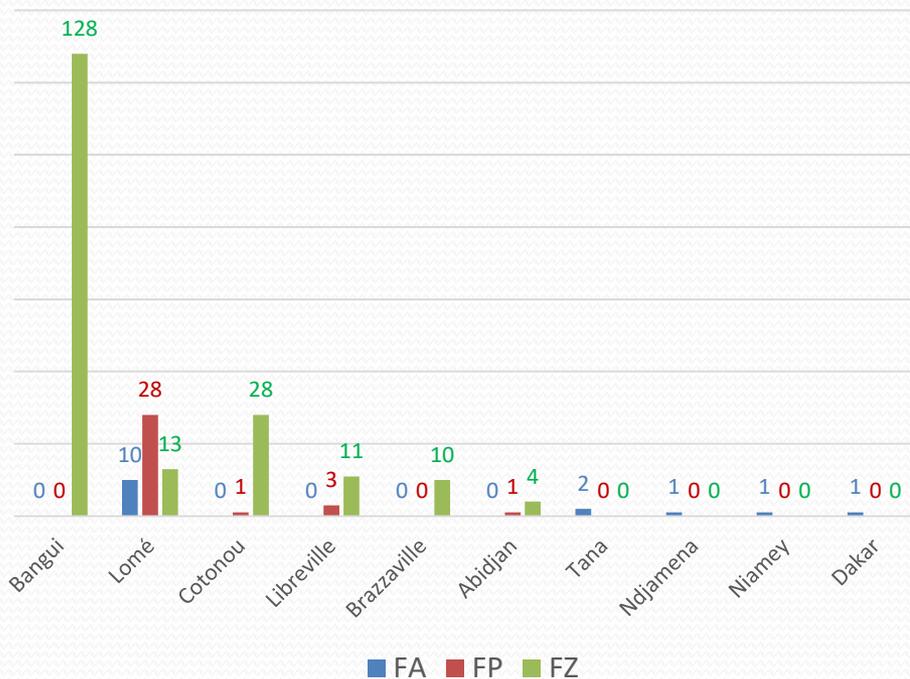
- **99,80% overflight** from DGAA. With 44,29 concerned SKK flight; 21,84% BEL; 12,02% APK; 7,01% AFW; 3,61% ARA; 1,4% GHN; 44,29% SKK; 9,82% Others;
- **6,95% arrival** from DGAA (1 flight);

Cotonou from DN:

- **90,56% overflight** from DNMM,DNAA. With 21,51% concerned SKK flight; 20,84% ARA; 11,09%APK; 9,92% VRE; 7,06% AFW; 4,37% THY; 3,53% DHV; 21,68% Others.
- **9,44% arrival** from DNMM, DNAA, DNPO. With 67,74% DHV flights; 19,35 KQA; 12,90% others.

# 4. Missing FPL from the indicators F area AFI

Number of missing FPL at ASECNA centre from F region  
Jan - Oct 2018



## Bangui:

- **70,31% arrival** from FZIC, FZFD, FZFA, FZEA, ZONGO, MOUSSOULE. With 90% UNO flights; 10% Others.
- **29,69% overflight** from FZFA, FZEA, ZONGO. With 89,47% UNO flights; 10,53% Others.

## Lomé from FP:

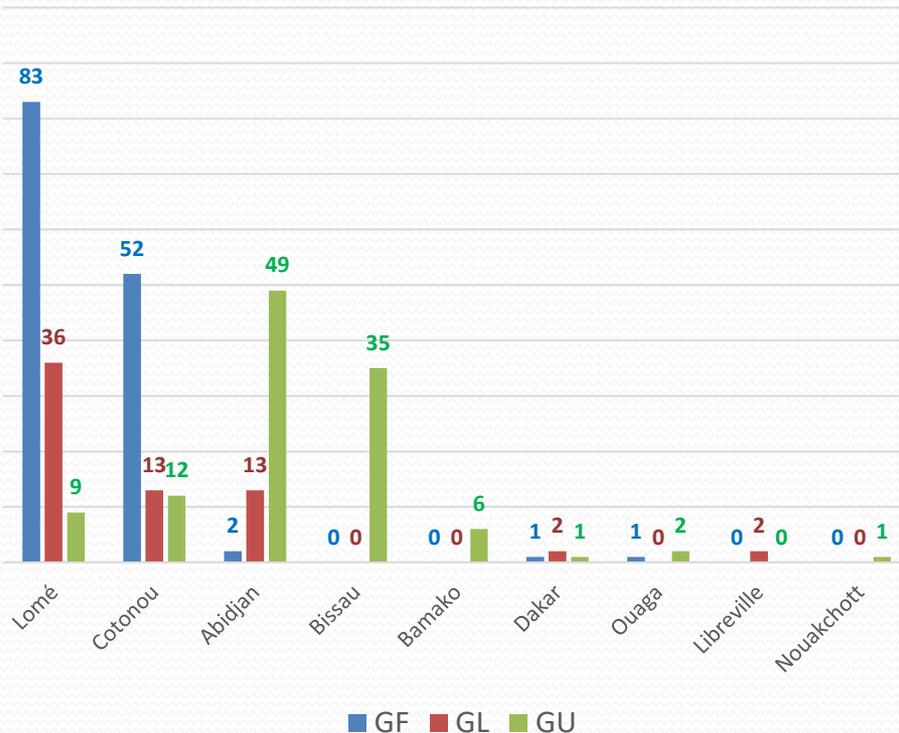
- **100% overflight** from FPST, With 92,86% concerned STP flight; 7,14% Others.

## Cotonou from FZ:

- **100% overflight** from FZAA, With 89,29% concerned SKK flight; 7,14% ETH; 3,57% EKA.

# 4. Missing FPL from the indicators G area AFI

Number of missing FPL at ASECNA centre from G region  
Jan - Oct 2018



Lomé from GF:

- **100% overflight** from GFLL. With 81,71% concerned APK flight; 4,88% MFG; 13,41% Others.

Lomé from GL:

- **100% overflight** from GLRB, GLMR. With 22,22% concerned 5NBOO/FGU/FGS/EXJ flight; 13,89% APK; 5,56% ETH.

Cotonou from GF:

- **100% overflight** from GFLL. With 90,38% concerned APK flight.

Abidjan from GU:

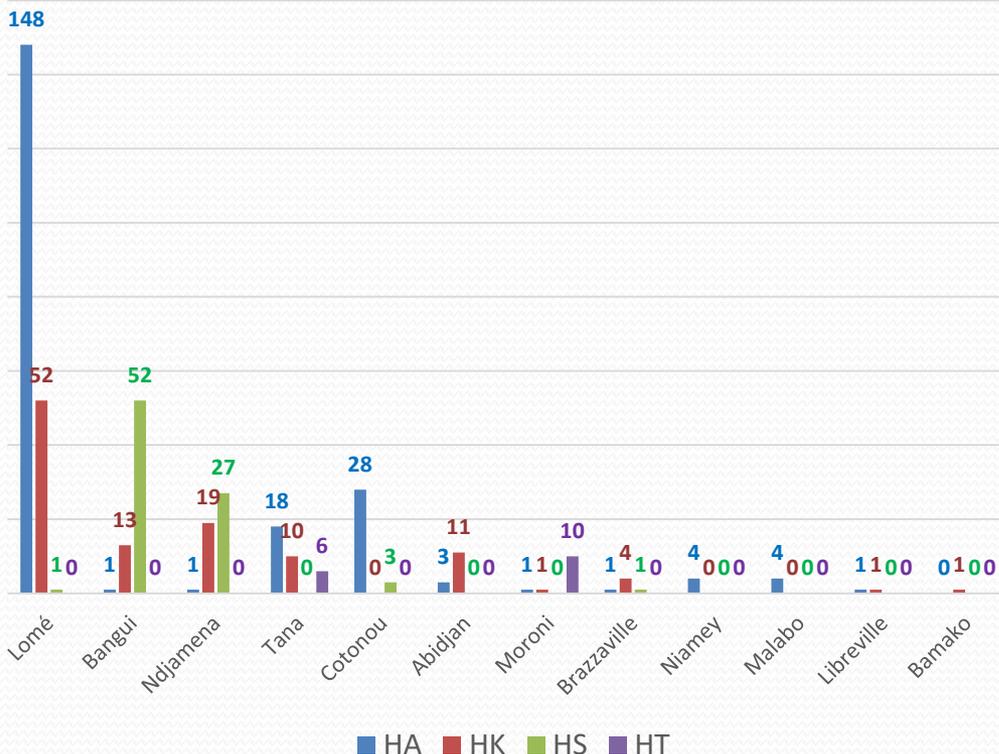
- **100% arrival** from GUCY. With 61,22% concerned VRE flight; 34,69% ETH; 4,08% Others.

Bissau from GU:

- **100% overflight** from GUCY. With 100% concerned SVI flight.

# 4. Missing FPL from the indicators H area AFI

Number of missing FPL at ASECNA centre from H region  
Jan - Oct 2018



Lomé from HA:

- **97,30% overflight** from HAAB. With 98,61% concerned ETH flight; 1,39% Others.
- **2,70% arrival** from HAAB. With 100% ETH flights.

Lomé from HK:

- **100% overflight** from HKNA. With 98,08% concerned KQA flight; 1,92% Others.

Bangui from HS:

- **1,92% overflight** from HSSS. With 1 CRC flight.
- **98,08% arrival** from HSSS, HSSN, HSFS, HSSJ. With 54,90% EGY flight; 23,53% RA; 5,88% SAF; 15,69% Others.

Cotonou from HA:

- **71,43% overflight** from HAAB. With 100% ETH flights.
- **28,57% arrival** from HAAB. With 100% ETH flights.

Ndjamena from HS:

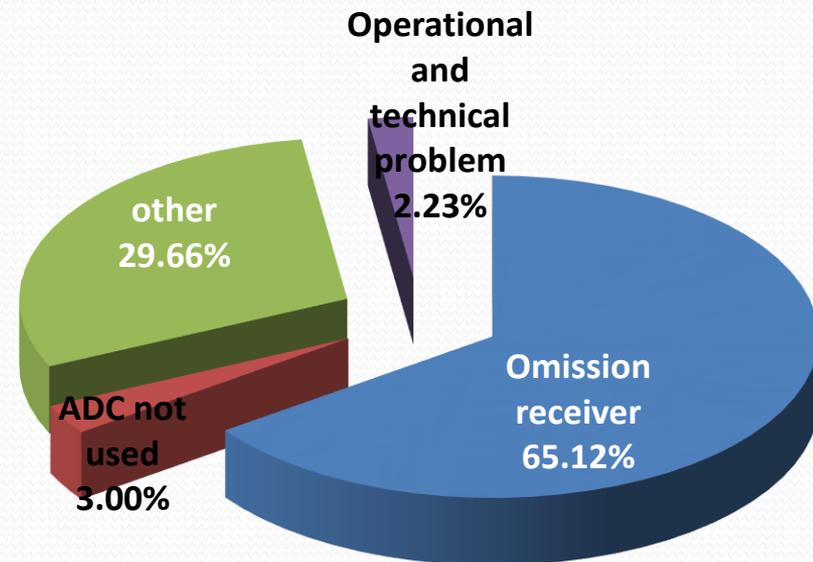
- **100% arrival** from HSSS, HSSJ, HSWW. With 85,19% TRQ flights; 14,81% SUD.

# 13. Comments

- Majority of missing FPL not received at ASECNA centers listed in figure above concern the overflight;
- UTA of Lomé (DXXXZQZX) and APP (DBBBZRZX) of Cotonou are missed on the list of recipient of the FPL concerning the overflight of ACCRA FIR;
- Many FPL from GUCY are not received in Abidjan;
- Many FPL of UNO flights are not transmitted to Bangui;

# 14. Main causes

- Omission of AFTN addresses of certain organism in charge of air traffic control;
- Ignorance of management of air space for certain FIR stirring the bad application of routing procedures;
- Technical failure;
- delayed restart of defective AFTN circuits due to the absence of focal point for coordination.



# 15. Corrective measures

- Exchanges of data on missing flight plans between different centers concerned in accordance with the conclusion 17/42 of the 17th APIRG;
- Establish a mean of coordination to investigate punctually and systematic on the causes of the missing FPL;
- Check and Update regularly the routing table of each center to take into account new AFTN circuits;
- Elaborate a technical contact list per center to allow a quick restart of defective circuits;
- Maintaining awareness local information staff in charge of flight plan to respect the routing procedures of flight plans in accordance with the 18/18 conclusion of the 18th APIRG, using:
  - For UTA of Lomé and Cotonou, we suggest that Accra Centre will create and publish a collective address (PDAI) include the AFTN address of these UTA and those of Accra that centre will use to address the FPL concerning the aircraft overflight this FIR;
  - For UTA of Douala and Libreville, a collective address have already created FCZZZQZX for the Brazzaville FIR and we ask to all center to use for all aircraft overflight on Brazzaville FIR;
  - For UTA of Abidjan use the address collective GOZZZQZX of Dakar FIR;
  - For UTA of Ouagadougou use the address collective DRZZZQZX of Niamey FIR;

# 16.CONCLUSION

The meeting is invited to:

- ❑ note the above information related to the missing FPL;
- ❑ Reinforce co-operation between COM Centers in technical and operational domain to improve the availability of FPL;

# THANK YOU !!!!!

