



# ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office

**WORKING PAPER**

FPL/AD/MON — WP/13  
23/02/15

## **FPL Ad hoc Group Missing/duplicated/erroneous Filed flight plan /Flight plan (FPL) evaluation meeting (FPL/AD/MON)**

Mexico City, Mexico, 24-26 February 2015

### **Agenda Item 3: FPL Problems Mitigation/Resolution within the Curaçao FIR**

#### **REPORT OF THE CURAÇAO FIR FPL GROUP**

(Presented by Ad-Hoc Group Rapporteur – CURAÇAO FIR)

#### **EXECUTIVE SUMMARY**

This paper reports on the activities within the Curaçao FIR as they relate to errors and problems associated with Flight Plan data collection, processing and distribution.

<i>Strategic Objectives:</i>	<ul style="list-style-type: none"><li>• Safety</li><li>• Air Navigation Capacity and Efficiency</li><li>• Environmental Protection</li></ul>
<i>References:</i>	<ul style="list-style-type: none"><li>• The collection of FPL data from 21st July to 28th August 2014</li><li>• Minutes of 1<sup>st</sup> FPL Monitoring Group Teleconference - 09 July, 2014</li><li>• Minutes of 2<sup>nd</sup> FPL Monitoring Group Teleconference 29 July, 2014</li><li>• Minutes of 3<sup>rd</sup> FPL Monitoring Group Teleconference 05 September 2014</li><li>• Minutes of 4<sup>th</sup> FPL Monitoring Group Teleconference 20 October, 2014</li><li>• Minutes of 5<sup>th</sup> FPL Monitoring Group Teleconference 05 November, 2014</li><li>• ICAO recommended actions to mitigate FPL errors</li></ul>

### **1. Introduction**

1.1 The Curaçao FIR FPL group consist of the Manager ATM, Manager AIS, ARO Supervisor and ACC Supervisor.

1.2 Based on the action plan the following tasks were accomplished:

- A template was distributed within the ACC.
- Data was collected and submitted to the Rapporteur FPL Monitoring Group for analysis.
- The results were received and distributed to the Curaçao FIR FPL group.
- Recommendations were made for immediate implementation.
- Feedback was received from each individual group member.

## 2. Discussion

2.1 Collection of Data was not easy, because of lack of automated means and available personnel. In the next data collection phase, DC-ANSP will have more input and involvement to the process.

2.2 Based on analysis of the data collected, the following observations were made:

- The FDP at DC-ANSP has the ability/functionality to reject duplicate FPL's. The following criteria's are checked for FPL duplication, ACID, DATE , ETD and Departure Airport. FPL's with NO DOF will create 1 duplicate if there is already a record of the same FPL with a DATE in the FDP.
- Most errors were errors related to the proper completion of FPL data with respect to field 10 (a) and (b) and the related field 18. Errors were a result of the following:
  - Inadequate training and validation of FPL's by company's offering online services for FPL submission. (Example, flightplan.com )
  - Inadequate training of FOB/airline handling agencies who produce and present FPLs to the ARO office.
  - Inadequate inspection of these airline handling agencies by the appropriate authority.
- A lot of expired FPL's because of inadequate/not to standard handling of FPL's by adjacent FIR. (The FPL delay functionality is not being used)
- Incorrect routes or other errors in FPL's that are issued by adjacent FIR. We suspect this is related to the use of freeform instead of pre-programmed templates by adjacent FIR.

2.3 The distributed list by ICAO with suggested actions to be taken immediately.

- Items that were immediately implemented:
  - The use of RPLs only for domestic flights.
  - Better monitoring of Database for duplicate FPL's when activating flights in FDPS. FDPS has functionality to list duplicates based on ACID.
  - Eelectronic Strip System was configured to warn for duplicate FPL's.
  - Contact was made with Flightplan.com to try to resolve issues with missing FPL's.
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- Items that are pending/being evaluated for implementation :
  - Additional training of AIS/AIM personnel.
  - Better regulation and inspection of FOB and airline handling personnel by the appropriate authority.

**3. Suggested Action**

3.1 The meeting is invited to take note of:

- a) the contents of this working paper; and
- b) take any other action as deemed necessary

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