Fourth Information Analysis Team (IAT/4) Meeting

SUMMARY OF DISCUSSIONS

Date: 24 September 2013
Location: ICAO SAM Regional Office, Lima, Peru
Discussion Items:

Agenda Item 1: Approval of Draft Agenda

1.1 The Meeting was attended by 8 participants from United States, Airbus, ALTA, Boeing, IATA, IFALPA and ICAO.

1.2 The agenda was approved as presented.

Agenda Item 2: Analysis of ASIAS Database

2.1 The guidelines and restrictions on sharing of ASIAS data were reviewed. The ASIAS data was reviewed, and trends continue to be the same.

2.2 The IATA Flight Data FDX event rate per event definition was reviewed. The top 10 unstable approach airports were reviewed. Discussion were held regarding airlines equipped with Performance Based Navigation (PBN) or Radio Navigation (RNAV). Some of the IATA events only include a few month of data. These events should not be considered in analysis. TCAS-RA trends do not support it

- **Action Item 1:** Ask Mitre for TCAS en-route events to validate if there are RVSM issues. Action Owner: Gerardo Hueto/Boeing.

Agenda Item 3: Undesired Aircraft States (UAS)

3.1 The list of 17 Undesired Aircraft States (UAS) measured by CAST was reviewed. IATA tracked some additional event states through FDX.

- **Action Item 2:** Create RASG-PA filter workbooks the following undesired aircraft states: Terrain Awareness Warning System (TAWS), Traffic Alert and Collision Avoidance System (TCAS), ALER and Loss of Control. Action Owner: Rob Noges/Boeing.

- **Action Item 3:** IATA will share the additional event definitions measured in FDX. The FDX events will be compared against the 17 CAST events for similarity/overlap. The compiled list will be reviewed at a future IAT meeting as an agenda item. Action Owner: Gabriel Acosta: IATA to share FDX events; Boeing to compile the events.

Agenda Item 4: IAT Recommended Actions for PA-RAST/14

- **Action Item 4:** Seek guidance from ASIAS IAT on the value of sharing Loss of Control US-based metric with RASG-PA. Share airplane state awareness data/findings with RASG-PA. Action Owner: Rob Noges/Boeing.
- **Action Item 5:** Consider development of mid-air DIP. The benefit of up-to-date TCAS (TCAS II, Version 7.1) should be included in the DIP development (refer to SkyBrary). Action Owner: Gabriel Acosta/IATA

Agenda Item 5: Review Plan for Activities for 2014

5.1 It is proposed that the model of one-day IAT meeting prior to PA-RAST meetings continue in 2014. PA-RAST will consider this recommendation.

Agenda Item 6: Other business

6.1 Consider reducing future IAT meetings to a half day.

- **Action Item 6:** Take screen shots of the data to be shared in advance of the meeting. This would allow review of data in the event of disruption to connectivity. Action Owner: Gerardo Hueto/Boeing for ASIAS data Gabriel Acosta/IATA for FDX data.

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*Note: ***** Only attended PA-RAST/14*