



January 16, 2018

Aviation Safety and Security Dept.,

Civil Aviation Bureau

**Summary of the 22<sup>nd</sup> Aviation Safety Information Analysis Committee Meeting****~Public announcement of Safety Information in “Air Transport Field” reported in the first half of FY2016~**

MLIT gathers and analyzes Aviation Safety Information in accordance with State's Civil Aviation Safety Program, and utilizes the results for prevention of reoccurrence of aircraft accidents, etc. and implementation of preventive measures by sharing the results with the relevant parties.

MLIT held the 22<sup>nd</sup> meeting of Aviation Safety Information Analysis Committee on December 21, 2017 to review and analyze Safety Information(\*) for the first half of current fiscal year (Apr.-Sep., 2017). The committee confirmed that appropriate measures have been taken on each event. MLIT continues to make its effort to make sure of aviation safety, through sharing information among stakeholders, appropriate measures for each event, conducting audits tailored to each air carrier, etc.

(\*) “Safety Information” means information related to aircraft accidents, serious incidents and other events which affect aviation safety.

**1. The Aviation Safety Information Analysis Committee**

According to the Civil Aeronautics Act (Act No.231 of 1952) Article 111-4, any Japanese air carrier shall, when an event which affects normal flight operations of any aircraft occurs, report *Information concerning Air Transport Safety, incl. aircraft accidents, serious incidents and other events* to the Minister of Land, Infrastructure, Transport and Tourism. Also as stipulated under the Article 111-5 of the said Act, the Minister shall organize matters pertaining to reports and make such information available to the public each year.

In this regard, MLIT calls a committee meeting every 6 months to review the information in order to release its results in an appropriate manner (See Attachment 1 for the List of Committee Members).

**2. Discussion Summary**

- (1) Civil Aviation Bureau described the recent trend of aviation safety and its efforts to enhance aviation safety.
- (2) The committee evaluated and analyzed Safety Information submitted by Japanese air carriers for the first half of FY 2017, and summarized relevant information to release as the “Report on Information concerning Air Transport Safety for the first half of FY 2017”.  
The report is available at [http://www.mlit.go.jp/koku/15\\_bf\\_000188.html](http://www.mlit.go.jp/koku/15_bf_000188.html) (Only in Japanese).  
(See Attachment 2 for summaries).
- (3) The committee agreed to convene at 23<sup>rd</sup> meeting in June, 2018 to evaluate and analyze Safety Information submitted for the FY 2017.

**【Contact】**

Air Transport Safety Unit, Aviation Safety and Security Dept., Civil Aviation Bureau

Attn: Mr. Shimizu and Mr. Kubo

Phone: 03-5253-8731      Fax: 03-5253-1661

E-mail: [g\\_CAB\\_GIJ\\_UNK@mlit.go.jp](mailto:g_CAB_GIJ_UNK@mlit.go.jp)

## The List of Aviation Safety Information Analysis Committee Members

### (Chairperson)

Keiji Kawachi                      Professor Emeritus, the University of Tokyo

### (Members)

Kunio Oda                              Executive Director, Japan Aircraft Pilot Association

Toru Kubota                           Chief Consultant, Japan Aeronautical Engineers' Association

Keiji Tanaka                           Former Professor of Aerospace Engineering Course,  
Tokyo Metropolitan College of Industrial Technology

Takefumi Hiramatsu                Managing Director, Engineering,  
Association of Air Transport Engineering and Research

Chikara Fujiwara                    Managing Director, Japan Aircraft Development Corporation

### (Civil Aviation Bureau)

Shigeru Takano                      Director-General, Aviation Safety and Security Department

Katsuyoshi Tamon                   Director, Aviation Safety and Security Planning Division

Toshihiro Koda                      Director, Flight Standards Division

Hirohiko Kawakatsu                Director, Air Transport Safety Unit

Mitsuo Kawakami                   Director, Airworthiness Division

Yoshimitsu Hotta                    Director, Aircarrier Safety Inspector Office

### (Observers)

All Japan Air Transport and Service Association

The Scheduled Airlines Association of Japan

Japan Federation of Aviation Industry Unions

## Report on Information concerning Air Transport Safety (The First Half of FY2017: Summaries)

### 1. Aircraft Accident and Serious Incident Occurrences

No aircraft accidents and one serious incident has been occurred by Japanese air carriers in the first half of FY 2017 as follows:

- On Sep. 5, 2017, a Boeing 777-300ER operated by Japan Airlines shut down its left engine after airborne as the message indicating failure on the engine appeared during takeoff roll at Runway C of Tokyo International Airport. The aircraft returned and landed at Runway A of the airport. (Occurrence similar to uncontained engine failure)

### 2. Summaries on Information on Air Transport Safety

In the first half of FY 2017, a total of 530 events which have affected normal flight operations, including one serious incident and 529 events, occurred\*.

\* Civil Aviation Bureau have received 664 reports from Japanese air carriers however duplicate items are counted as one.

Number of Events Classified by Safety Issue\*<sup>1)</sup>

Aircraft Malfunction	Human Errors						Avoidance		Foreign Object Damage in Engine	Parts Fell off from Aircraft	Mis-shipment of Dangerous Goods* <sup>4)</sup>	Others	
	Flight Crew	Cabin Crew	Mechanic	Ground Crew	Manufacturer	Others	TCAS RA <sup>2)</sup>	GPWS <sup>3)</sup>					
182	46	6	89	42	6	0	86	13	9	4	17	29	
	189						99						

\*1 Classification may change as the analyses progress.

\*2 Avoidance Maneuvers executed in accordance with TCAS RA (Traffic Alert Collision Avoidance System Resolution Advisory)

\*3 Avoidance Maneuvers executed in accordance with warning by GPWS (Ground Proximity Warning System)

\*4 Including Leak of Dangerous Goods.

### 3. Review and Analyze of Safety Information and Recommendation

Deliberating the safety information for the first half of FY 2017 at the 22<sup>nd</sup> Aviation Safety Information Analysis Committee Meeting, the members have confirmed that appropriate measures have been taken in each case by the parties concerned and that Civil Aviation Bureau should continue to follow up those action items appropriately.

Furthermore, the Committee recommended Civil Aviation Bureau to continuing taking measures bellow to make sure of aviation safety.

- Corrective action to aircraft malfunctions, efforts to prevent human errors, and review of TCAS RA and GPWS event, based on analysis of Aviation Safety Information
- Conducting audits tailored to each air carrier