

54th DGCA APAC, Mongolia

Advance Preparation Brief

Agenda Item 7.2: Session on Aviation Safety issue

Issue No. 2: Runway Safety – Meeting the Challenges of Increasing Runway Excursions

This brief is provided to help delegates attending the 54th DGCA Conference in Ulaanbaatar, Mongolia from 07 to 11 August 2017 to prepare for the breakout session discussion under Agenda Item 7.2.

At the Plenary Session:

On Day-4 of the DGCA Conference, under Agenda Item 7.2 on Aviation Safety issue, the International Air Transport Association (IATA)/Flight Safety Foundation (FSF) will present on the topic of **Runway Safety – Meeting the Challenges of Increasing Runway Excursions**. (20 mins)

Singapore will also share its experience and lessons learnt on this topic (10 mins). Thereafter, delegates will be divided into groups to further discuss the topic in the breakout session.

Workshop Breakout Session (1 hour):

(Facilitators: IATA, FSF, COSCAP-NA CTA Capt Wayne Chapin, COSCAP-SA CTA Capt. Marie Zubryckyj)

Participants: DG/DDG/DIR/Runway Safety SME selected from Conference Registration List
Further guidance, if required, will be provided by appointed facilitators.

Background to the topic on Runway Safety

For the past 10 years, runway safety occurrences were the most frequent accident category in the APAC. In the 2016 APAC Annual Safety Report, Runway Safety Category (RS), specifically, Runway Excursion (RE), was identified as one of the top accident categories from 2006 – 2015.

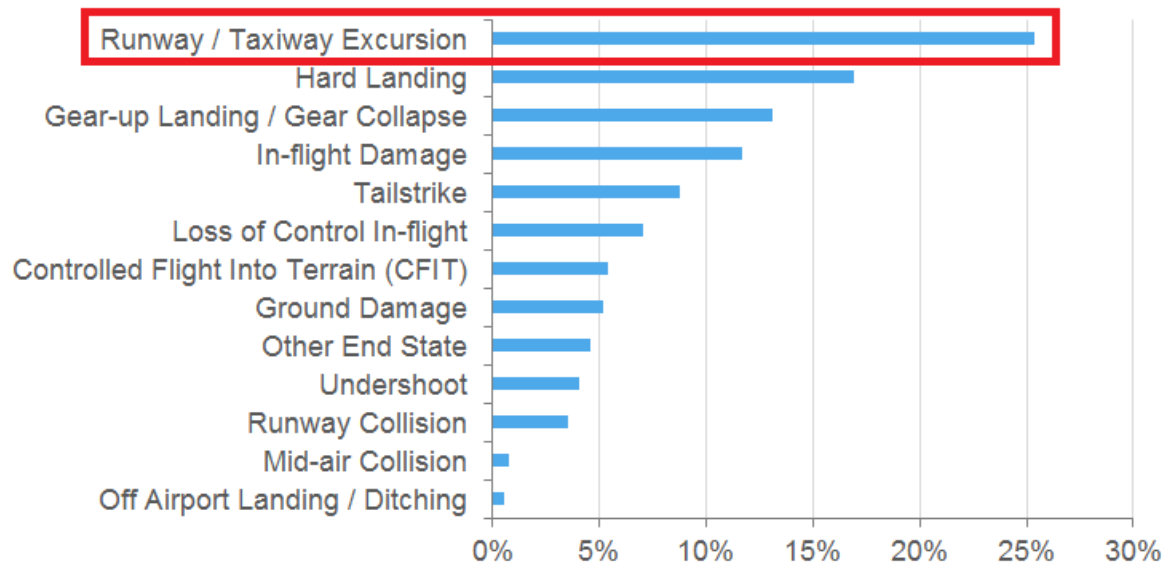
The two following tables provide an idea the number of RS accidents and its proportion (%) when compared with the other accident categories for the APAC regions.

APAC accident categories (RS, LOC-I, CFIT) (2014 - 2016)

	SEA region				SA region				NA region				Pacific region			
Year	RS	LOC-I	CFIT	Total	RS	LOC-I	CFIT	Total	RS	LOC-I	CFIT	Total	RS	LOC-I	CFIT	Total
2014	3	1	0	4	7	0	0	7	2	0	0	2	0	0	0	0

2015	6	0	0	6	1	0	0	1	3	0	0	3	0	0	0	0
2016	5	0	0	5	1	1	0	2	1	0	0	1	0	0	0	0
Total	14	1	0	15	9	1	0	10	6	0	0	6	0	0	0	0

APAC accident category distribution (2012-2016)



Notes:

1. As advance preparation for the session on **Runway Safety – Meeting the Challenges of Increasing Runway Excursions**, workshop participants may wish to research the following:
 - a. What are the Contributing Factors that contribute to the risk of runway excursion?
 - b. How can runway excursions be managed? (possible Safety Enhancements)
 - c. What are the Risk Management Measures implemented in your State?
 - d. What is the implementation status of Runway Safety Teams in your State?

2. The appointed Facilitators would facilitate the breakout session and report the outcome of the breakout session to the Plenary Session at the end of the day. A key deliverable of the Breakout Session will be a proposal of an Action Item for the 54th DGCA APAC Conference.