



ICAO

International Civil Aviation Organization
Asia and Pacific Office

ICAO Regional Accident Investigation Workshop, Asia and Pacific Regions

(Singapore, 15 August 2023)

**ICAO Regional Accident Investigation Workshop, Asia and Pacific Regions
Tuesday 15 August 2023 (1 day)**

Theme: Human Factors Considerations in Aviation Accident and Incident Investigations.

Date: 15 August 2023, Tuesday

Outline:

The ICAO Regional Accident Investigation Workshop, Asia and Pacific Regions on “*Human factors considerations in aviation accident and incident investigations*” is a full-day Workshop that will explore the critical role that human factors play in aviation safety investigations.

Aviation accidents and incidents generally always have a human contribution. This includes human error (decisions, actions, omissions), but also the conditions that pilots, controllers and others operate in. The science of human factors informs us about the conditions that are more likely to lead to error, including human limitations from fatigue, workload, time pressure, distractions, visibility, cultural influences and more. Further, the same science provides best practice for design to minimize human limitations, such as roster design, visual displays, procedure design, non-technical skills training etc.

For aviation safety investigations, it is crucial that errors made are highlighted, but also the conditions under which they were made are also described. Further, the risk controls that were not adequate or not in place that could have avoided those conditions are also drawn out of investigations to ensure they can be addressed through safety action to avoid future accidents.

This workshop will discuss the principles of human factors, and how they apply to aviation safety, explore case studies and analyse the human factors that contributed to the accidents and incidents. Strategies for improving safety investigations in the area of human factors will also be covered. A detailed program will be made available closer to the workshop date.

The invitation to participate is opened to safety professionals from APAC States/Administrations, industry and international organisations.

Sharing of experience relevant to the investigation human factors can be in the form of a presentation or workshop (time will depend on the number of presentations). If you would like to present at this workshop, please contact Stuart Godley (stuart.godley@atsb.gov.au), Mr. Steven TEO (steven_teo@mot.gov.sg) and Ms. Jen TAN (jen_tan@mot.gov.sg).
