



INCIDENT INVESTIGATION AND EFFECTIVE RISK ASSESSMENT



This course is designed to specifically examine the use of aeronautical studies for aviation industry sectors, providing a step-by-step explanation on how they are developed, from recognizing when an aeronautical study is needed, through to identification of the issues, hazards, mitigation measures, and development of a final conclusion.

The course will be divided into two sections, with the first half of the training dedicated to incident investigations, which will include examples and case studies, and the second half dedicated to the effective risk assessment and monitoring requiring participants active contribution.

Course Content

By means of discussions, case studies, video examples and group exercises, participants will become acquainted with:

- The objectives of a Safety Investigation;
- The Roles and Responsibilities within a Safety Investigation Team;
- Human Factors from four different angles;
- The development of dealing with Human Error;
- Safety Investigation Interview techniques;
- Collaboration with other Investigating Authorities.

Learning Objectives

- Theory refresher
- Case Study Practice/theory
- Collect Data
- Draw conclusions
- Make recommendations
- Write a report

- Upon completing this course, participants will be able to:
- Explain the objectives for conducting an aeronautical study;
- Determine when to conduct an aeronautical study;
- Describe the steps to perform a risk assessment;
- Perform multiple risk assessment exercises;
- Develop and conduct a full aeronautical study.

Target Audience

- Staff employed in Safety Occurrence Reporting Systems and/or involved in the capture, processing and analysis of safety reports.
- Personnel involved in SMS/SSP functions from National regulators

Course duration: 2 days

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