

Module: Analysing Flight Recorder Data: Unveiling Human Factors in Accident Investigation

Overview

Flight recorders, commonly known as black boxes, are essential for investigating air accidents.

Part I covers the basics of flight recorders, which capture critical flight data such as altitude, speed, and cockpit audio. This data is vital for understanding the circumstances leading to an accident.

Part II focuses on human factors in air accident investigations, recognizing that many incidents result from human error. Analyzing flight recorder data helps identify these errors and the underlying causes, such as communication breakdowns or decision-making flaws.

By understanding human factors, investigators can recommend changes to training and procedures, ultimately enhancing safety and reducing the likelihood of future accidents. This comprehensive approach is crucial for improving aviation safety standards.

Programme Code M_HFFDR

Programme Outline

- Part I – Basic of Flight Recorders
- Part II – Human Factors in Air Accident Investigation

Programme Class Classroom face-to-face

Contact Hours 2 hours

Certificate Certificate of Completion