

E-Learning Course

Human Factors for Aircraft Maintenance (Initial)

Program Overview

Maintenance errors cost the aviation industry hundreds of millions of dollars every year in injuries, delays, cancellations, air turn-backs, ground damage, and other problems. In addition, these errors contribute to 15-20 percent of major airline accidents. When one of these incidents occurs, a frequently asked question is, how could this have happened?

Human factors program can help reduce maintenance errors. This course isn't intended to make a Human Factors expert, rather it is meant to provide practical guidance.

Who Should Attend

- Aircraft Maintenance Engineers
- Aircraft Technicians
- Managers & Staff directly or indirectly related to aircraft maintenance

Course Content

- Introduction of Human Factors
- Safety Culture and Organisational Factors
- Errors, Violations and Non-Compliance with Procedures
- Factors Associated with the Individual
- Environmental Factors, Tooling and Ergonomic
- Procedures, Documentation and Maintenance Data
- Communication, Handovers and Sign-offs
- Planning, Preparation and Teamwork
- Professionalism and Integrity
- Situation Awareness
- Organisation's Error Management Program

Course Duration 3 Hours

Knowledge Check Initial Course: 27 Questions

Assessment No Assessment

Certificate GAA Certificate of completion will be awarded