E-Learning Course

Human Factors for Aircraft Maintenance (Recurrent)

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 2 Hours 45 Minutes

Knowledge Check Recurrent Course: 27 Questions

Assessment No Assessment

Certificate GAA Certificate of recognition is awarded upon successful completion of the course