AS13010 Human Factors

Background

The AS13010 Human Factors Training course focuses on enhancing safety, reducing errors, and fostering a culture of accountability within aerospace operations. Rooted in the principles of human interaction with systems, this training explores the critical aspects of Human Factors, including cultural influences, error management, and integration into Quality Management Systems (QMS). Participants will learn practical strategies for improving safety and operational efficiency, with a focus on risk analysis, error mitigation, and fostering a Just Culture.

Learning Objectives

By the end of this course, participants will be able to:
- Understand the principles of Human Factors and their importance in aerospace operations.
- Identify and address common issues, including the Dirty Dozen, through cultural and operational changes.
- Conduct risk analysis and apply tools like the Swiss Cheese Model to mitigate human error.
- Embed Human Factors principles into QMS and foster a Just Culture that promotes open reporting and accountability.
- Tailor Human Factors training to specific roles and responsibilities within the organization.
- Develop and implement monitoring and measurement strategies for continuous improvement in safety and performance.

Agenda

1. Introduction to Human Factors
2. Culture and Human Factors
3. Risk Analysis and Error Management
4. Embedding Human Factors in your QMS
5. Human Factors Training
6. Monitoring, Measurement, and Continuous Improvement

Additional Information

- 1 Day