



Quality Assurance in Aircraft Maintenance

Modul 11M0675 (Version 3.0) vom 29.09.2015

Level

4

Mission statement

Quality Assurance is in the Aviation sector one of the main cornerstones to produce a high level of safety. In a safety critical environment like the Aviation sector this element of high technology needs to be understood from the very basic up to a complex level. This module introduces this topic to the students in both practical and theoretical approaches.

Course content

- all relevant Regulation like Part 21, CS 25, CS 23, Maintenance Manuals, SID, etc.
- Structures of a CAMO and CAMO+
- Structures of a Part 145 and 147 company (including Part 66 educations)
- principles of Auditations (internal and external)
- Structures of the relevant Authorities
- practical Quality Assurance tasks within a Part 145 company
- Human Performance and Limitation within the Maintenance Sector of modern Aviation

Learning outcomes / skills

The student is able to understand the structures and the importance of Quality Assurance in the field of Engineering.

The student gets a sound basis in understanding Quality Assurance

The student is able to produce manuals, forms and procedures to implement Quality Assurance within a organisational unit of a company

The student is able to communicate Quality Assurance within a company

The student is able to understand the actual development of Quality Assurance within the field of Engineering and to implement modern changes.