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ADVANCED AIRCRAFT COMPOSITE STRUCTURE REPAIR TRAINING

Composite Course 2 : Advanced

➤ Course objectives

The aim of this course is to prepare structural technicians to evaluate and repair damages on complex composite structure parts. All repairs performed in the practical training follow the guidelines of the Structural Repair Manual.

➤ Target participants

Technicians with prior experience on composite repairs or who have already attended the Basic aircraft composite structure repair training.

➤ Pre-requisites

Trainees should be able to read, write and communicate at an understandable level in German or English language.

➤ Course content

- Welcome & Introduction
- Reminder/summary regarding materials and types of structures
- Study of the important subjects related to repair quality
- Damage types
- Edge repairs of sandwich parts (PSE)
- Hotbonding
- Restauration of lightning strike protection
- Execution of advanced bonding repairs
- Final exam (optional)

➤ Course capacity

4 to 6 trainees

➤ Course location

RUAG AG, Alpnach or Emmen

➤ Duration

4 Days / 32 Lessons

The courses are developed according to the requirements of the composite S-License of the Federal Office of Civil Aviation (FOCA) and the guidelines of the Swiss Aircraft Maintenance Association (SAMA). They are permanently adjusted to the newest standards.

All repairs discussed and performed in the courses are carried out according to the FAA AC-43.13, SAE (CACRC) guidelines and the SRM standard procedure.