



Rolls-Royce

Adour turbofan Module Exchange

Course syllabus

Course Module Exchange

Type Adour 871

General Description You will need to have practical experience of module exchange/repair activities to benefit. You will also need to be competent in the use of technical data modules and application of standard practices as detailed in the Component Repair/Overhaul Manuals. You will gain knowledge of specific and detailed tasks and experience the practical aspects of engine overhaul.

Target Population Personnel involved with heavy maintenance activities

Training level ATA 104 - level V
(Component Overhaul)

Duration Four (10) day

Students per course Four (4) maximum

Pre-requisites Delegates will need to be engineers or mechanics involved with aircraft maintenance, be experienced in the application of engine standard practices to Aircraft Maintenance Manual level, have completed the ATA 104 - level I General Familiarisation course associated with this type, to benefit.

Training methods Tutor led instruction in training room.

Course objectives

Engine Briefing

...will be able to:

Identify and describe the engine modules to be exchanged / Describe safe practice, warnings and cautions associated heavy maintenance on the engine / Explain the process of removal and refit of engine modules and components, as required / Identify when and explain how measurements, fits and tolerances will be carried out

Engine Maintenance

...will be able to:

Remove Refit LPC (M01), LPC OGV's (M02), HPC (M04), HPT NGV (M05), HPT and Shaft (M06), LPT,NGV and Turbine Bearing Assy (M07), LP Turbine and Shaft (M08), Exhaust Mixer (M09), External Gearbox (M10), Oil Tank, Filters and Oil Cooler (M11), Air Inlet Casing, Combustion Case, Combustion Chamber Outer Casing, Bypass Casing, Exhaust Mixer Rear Case, Exhaust Collector (Jet Pipe), Remove Refit all associated LRU's, pipe work and harnesses as required

Engine Support

...will be able to:

Move the engine and modules safely / Use Ground Support Equipment & Tooling / Use Technical Documentation

Allocation of hours

Monday to Friday, 09:00 - 16:00

Lunch, 12:00 - 13:00.

Breaks 10:00 to 10:15 and 14:45 to 15:00

For further information

Please contact your Rolls-Royce Defence Aerospace, Regional Customer Executive