



Rolls-Royce

Gem turboshaft Remote Visual Inspection

Course syllabus

Course Remote Visual Inspection

Type Gem 42

General Description You will gain knowledge of the engine modules to be inspected and use the latest equipment to inspect damaged components. You will carry out an internal inspection using the RVI equipment and make an assessment of the condition of the gas path.

Target Population Personnel tasked with borescope inspection of internal engine and assessment of gas path condition.

Training level ATA 104 - level IV (Specialised)

Duration Two (2) day

Students per course Four (4) maximum

Pre-requisites Delegates will need to be engineers experienced in routine engine maintenance, be knowledgeable in the application of engineering standard practices, have practical experience of engine maintenance, be able to use technical manuals to benefit.

Training methods Tutor led instruction in training room.

Course objectives

Preparation

...will be able to:

State the warnings and cautions associated with tasks to be trained / Use Remote Visual Inspection equipment appropriately

Mechanical Arrangement

...will be able to:

Describe the engine modules to be inspected / Identify and locate engine internal inspection access ports / Rotate the Engine Rotor Assemblies for inspection

Practical

...will be able to:

Remove and refit inspection access port blanks (including R/R of components for access where necessary) / Use the Technical Manual / Carry out internal inspection of the engine / Locate information relating to damage limits in the Technical Publication / Make an assessment of the condition of the engine gas path and create a post inspection report

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