



Rolls-Royce

# Adour turbofan Remote Visual Inspection

## Course syllabus

**Course** Remote Visual Inspection

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**Type** Adour 871

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**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.

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

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**Training level** ATA 104 - level IV (Specialised)

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**Duration** Two (2) day

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**Students per course** Four (4) maximum

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**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.

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**Training methods** Tutor led instruction in training room.

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## 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