



Rolls-Royce

Gem turboshaft General Familiarisation

Course syllabus

Course General Familiarisation

Type Gem 42

General Description You will gain familiarisation with the powerplant and a general knowledge of the engine, its construction and systems architecture. The course will introduce engine maintenance and specific support requirements.

Target Population For managers and all support and maintenance personnel

Training level ATA 104 - level I

Duration One (1) day

Students per course Twelve (12) maximum

Pre-requisites Delegates will need to be familiar with gas turbine engine equipment and have general knowledge of gas turbine engine operation, to benefit.

Training methods Tutor led instruction in training room.

Course objectives

Product and Programme Briefing

...will be able to:

Describe the defence application of the GEM 42 / Describe GEM 42 engine development, to current standard / Identify the GEM 42 hazards and safety requirements with regard to operation and maintenance of the engine / Describe GEM 42 Leading Particulars, Design & Technology

Engine Construction and Systems Architecture

...will be able to:

Describe general arrangement of the engine / Identify, locate and describe purpose of the GEM 42 Engine Modules / Identify, locate and describe purpose of the GEM 42 Line Replacement Items and External Components / State the purpose and interfaces of Engine Systems

Support and Maintenance

...will be able to:

Identify maintenance practices important to the engine / Describe general maintenance tasks / Identify key items of Ground Support and Test Equipment

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