

**Reference No**

201/037

Duration

15 Days

LocationRNAS
CULDROSE**IELTS**

6

Frequency6 courses
per year

SEA KING HELICOPTER AIRFRAME AND SYSTEMS (TEM 100)

AIM OF COURSE

To provide detailed Systems knowledge for mechanical trade Air Engineering Supervisors working on all marks of Sea King aircraft. The course reinforces previous learning and introduces aircraft specific information for students who have recently completed generic technical training or have appropriate practical experience.

OVERVIEW

Classroom instruction uses current Sea King Air Publications with additional locally produced notes based on operator experience and manufacturers technical information.

OUTLINE SYLLABUS

On completion of the course, the student will have acquired the technical knowledge required to supervise routine and non-routine servicing of all Sea King Systems, which are the responsibility of the mechanical trade. The syllabus covers:

- ◆ Fuselage
- ◆ Sand filter
- ◆ Transmission system
- ◆ Main rotor head and blades
- ◆ Tail rotor hub and blades
- ◆ Flying control systems
- ◆ Hydraulic systems
- ◆ Rotor brake system
- ◆ Blade fold system
- ◆ Landing gear system
- ◆ Flotation equipment system
- ◆ Rescue hoist
- ◆ Airframe fuel system
- ◆ Fire protection system
- ◆ Ice protection
- ◆ Cabin heating and ventilation



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Students are marked on the results of three written examinations.

ENTRY STANDARDS

- ♦ The student must be able to speak and write technical English and have mechanical experience on rotary wing aircraft