

**Reference No**

012/009

Duration

20 days

LocationRNAS
CULDROSE**IELTS**

6

Frequency6 courses
per year

SEA KING ELECTRICS & FLIGHT CONTROL SYSTEM

AIM OF COURSE

To provide detailed systems knowledge for electrical trade Air Engineering supervisors working on the Sea King aircraft Mk's 3, 4, 5, 6 & 7. 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 (including circuit diagrams and modifications leaflets) with additional locally produced notes based on operator experience and manufacturers technical information. Some practical tasks are carried out with test equipment used for routine servicing, defect diagnosis and rectification. Further practical instruction is delivered in the MK6 dynamic simulator that enforces classroom learning and covers multiple systems.

OUTLINE SYLLABUS

On completion of the course, the student will have acquired the technical knowledge needed to supervise routine and non-routine servicing of all Sea King systems that are the responsibility of the electrical trade. The syllabus covers:

- ◆ Electrical power sources and distribution
- ◆ Instrumentation systems
- ◆ Fuel control
- ◆ Miscellaneous electrical equipment
- ◆ Automatic Flight Control System
- ◆ O-Navigation equipment

ASSESSMENT TYPE

Students are marked on the results of three written examinations with an assessment of their practical competence and oral presentation. The aggregate mark must exceed 70% with a minimum of 60% on any single examination.

ENTRY STANDARDS

- ◆ The student must be able to speak and write Technical English and have electrical trade experience on rotary wing aircraft