



**Reference No**  
048/358

**Duration**  
3 weeks

**Location**  
HMS SULTAN,  
Gosport,  
Hampshire

**IELTS**  
5.5

**Frequency**  
3 courses  
per year

## ADVANCED AIRFRAME REPAIR - SAMCO 31

### Aim of course

Designed to enhance the skill of hand of selected personnel designated for positions in aircraft sheet metal workshops or for MASU repair teams. The course will impart a detailed knowledge of up-to-date techniques and of the materials used in Aircraft Airframe Repairs.

### Outline syllabus

On completion of the course, the student will have the necessary knowledge and confidence to carry out advanced Aircraft sheet metal repairs. The following aspects are comprehensively covered during the course:

- ◆ Interpretation of complex drawings
- ◆ Manufacture of Airframe components
- ◆ Manufacture of double curvatures, using 'wheeling techniques' and washed out flanges
- ◆ Drilling and reaming of heavy castings
- ◆ Use of specified fasteners and practical repair work
- ◆ Heat treatments of Aircraft Alloys
- ◆ Production of a forming Tool
- ◆ Assembly of Manufactured Aircraft Components

### Entry standards

- ◆ Qualified Aircraft Technician / Sheet Metal Worker



**International Defence Training (Royal Navy)**

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