

$\frac{Q}{R} = \frac{G\theta}{L} - \frac{T}{I}$

PART 2

MAJOR REPAIRS

$\frac{M}{I} = \frac{E}{R} - \frac{P}{Y}$

Repair Leaflets in this Part may call up manufacturers' repair drawings. When required, these drawings should be requisitioned in accordance with the procedure given in A.P.3158, Vol. 2, Leaflet D.7.

In this Part, the absence of a suitable repair instruction for any damage sustained is not to be taken as meaning that the component is beyond repair. In the absence of any instruction and when the appropriate technical officer considers that repair on site is practicable, a request for a repair scheme is to be submitted to the Directorate of Aircraft Engineering, Air Ministry. When such a request is submitted, full details with sketches and/or photographs indicating the exact location and extent of the damage are to be attached.

$\frac{m}{I} = \frac{F}{Y}$

$F = \frac{mY}{I}$

**PART
2**

REPAIR TO STRINGER ATTACHMENT BRACKETS - FORWARD FACE, REAR PRESSURE BULKHEAD, STATION 204F.

General information

1. This repair is applicable to Vulcan B.Mk.1, Mk.1A and Mk.2 aircraft.

2. This repair calls for the renewal of all cracked, corroded, or damaged stringer attachment brackets on the forward face of the rear pressure bulkhead at station 204F, that are outside the tolerances quoted in Repair Leaflet A.1/3. It is essential that new brackets, manufactured from aluminium alloy only, be used for renewal.

3. This repair is concerned only with the renewal of defective stringer brackets and does not give any details of removals or re-installations that have been necessary in gaining access to them.

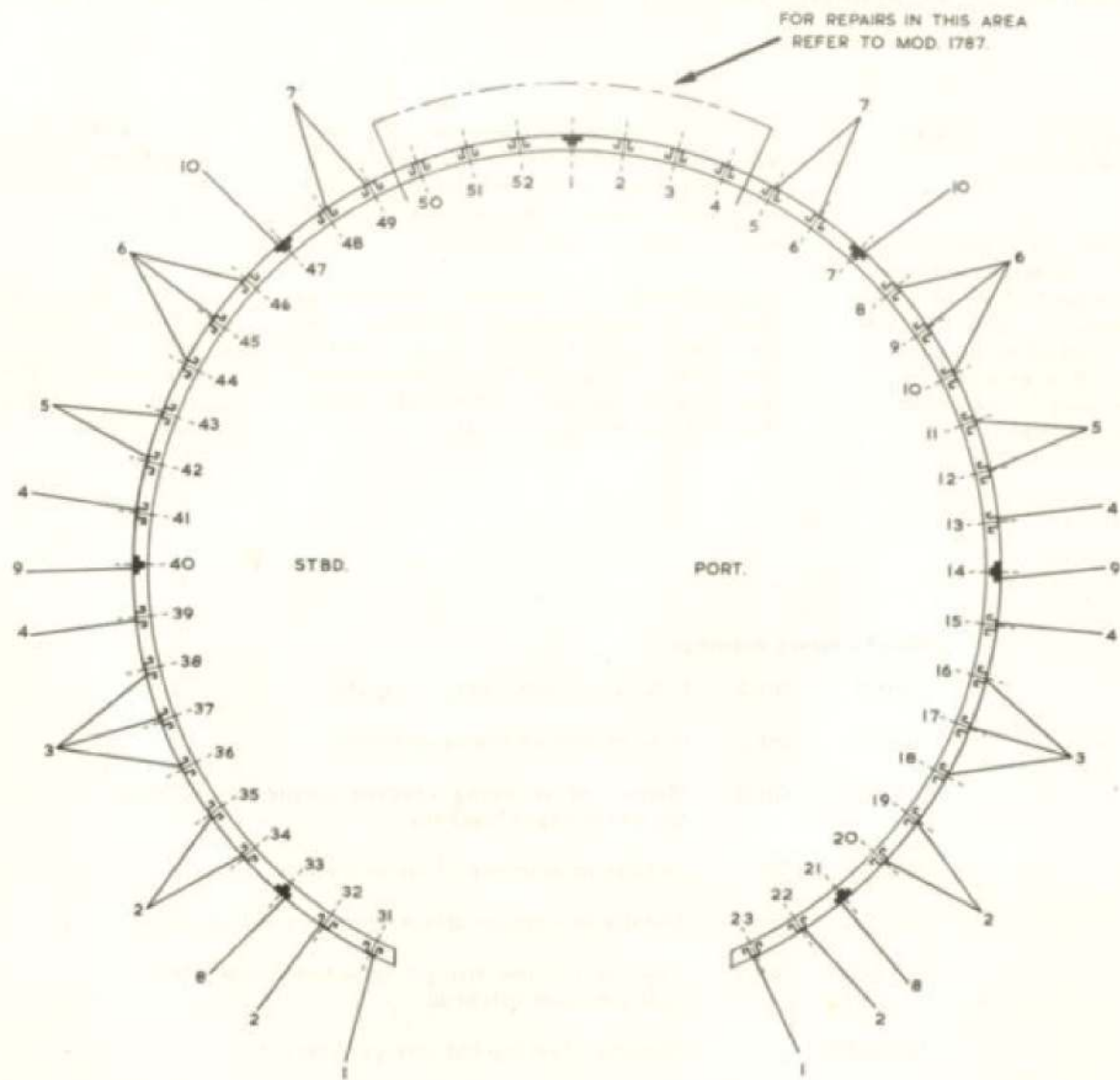
4. Before commencing operations, obtain the manufacturers drawings that are listed below. If any of these drawings have been held on a station, it is essential that they be checked, before use, to see that they are the latest issue.

5. Refer to Repair Leaflet A.1/2 to determine the correct aircraft jacking procedure for this repair before commencing operations.

6. The original magnesium alloy stringer attachment brackets, together with their stringer positions and new aluminium alloy stringer attachment brackets are given in the Key to Fig.1 of this leaflet.

Manufacturers drawings:-

A.3071	Sht.2	G.A. of aircraft transport joints.
A.3096	Sht.2	G.A. of aircraft transport joints.
D.12365	Sht.2	Method of renewing cracked magnesium alloy top hat stringer brackets.
D.9544	Sht.2	Details of skinning of crews nacelle.
D.9428	Sht.5	Details of stringer attachments - crews nacelle.
D.12614	Sht.1	Top hat section stringer attachment brackets at rear pressure bulkhead.
D.12620	-	Semi-finished top hat stringer bracket.



NOTE:-
ITEM NUMBERS FOR KEY TABLES
ARE ARRANGED EXTERNALLY.

Fig.1. Rear pressure bulkhead, station 204F- forward face

RESTRICTED

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