

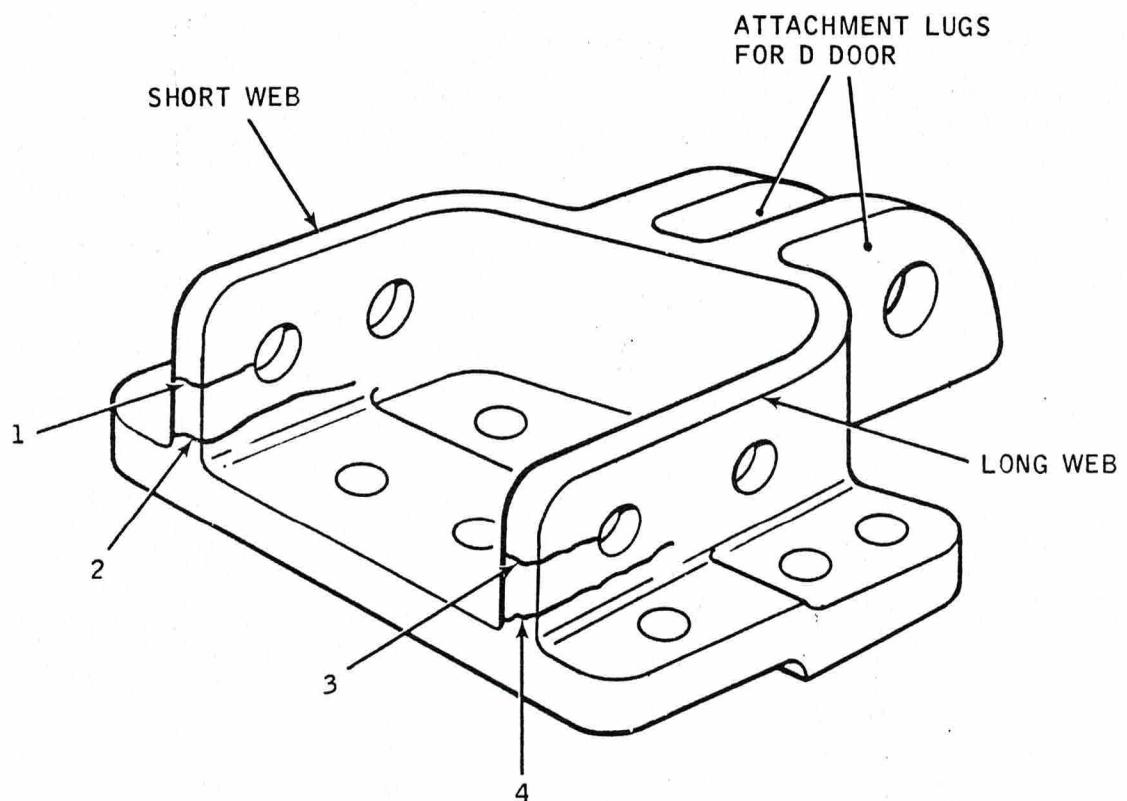
CHAP 4 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
SP 453 AL 8	F53 T55	5A3A Section 1
SHEET 1 OF 2		2nd Edition
Main Undercarriage D Door Centre Hinge - Cracking	AFSC	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		43151
SPECIAL TOOLS AND EQUIPMENT		ASSOCIATED PROCEDURES
Ardrox dye penetrant kit. Endoprobe.		
<u>43151</u>		
<p>1. PREPARATION</p> <p>1.1 D Door assembly. Remove.</p> <p>1.2 Centre hinge wing portion. (i) Clean. (ii) Apply Ardrox crack detector.</p>		
<p>2. EXAMINATION</p> <p>2.1 Centre hinge (See Fig.1). (i) Using an endoprobe examine, particularly areas numbered 1 to 4. Permissible cracking is referred in the following:</p> <p>(a) Cracking in areas numbered 1 and 3 provided it does not propagate beyond the first bolt hole from the T face.</p> <p>(b) Cracking in areas numbered 2 and 4 provided it does not exceed 2.0 in in length of the long web and 1.65 in in length of the short web.</p> <p>(ii) Where cracking is within the limitations above, hinges with cracks, less than 0.65 in are to be examined every 6 months if greater than 0.65 in are to be examined every 3 months.</p> <p>(iii) Replace hinge if cracks exceed above limitations.</p>		
<p>3. COMPLETION</p> <p>3.1 D Door assembly. (i) Refit. (ii) Retraction check SP 106 (AF).</p>		
Continued Overleaf		
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS		

CHAP 4 AIRFRAME
SP 453 AL 8
SHEET 2 OF 2

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F53 T55

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5A3A Section 1
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PRINTED IN ENGLAND

D DOOR CENTRE HINGE
EB1-20-2525/2526
FIGURE 1

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES
INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS

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