

CHAP. 4 AIRFRAME S.P. 401 A.L. 10 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Main Undercarriage Fairing Attachment Lugs - Cracking Pre and Post Mod 9152SA)	AFSC 43151	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		43171

SPECIAL TOOLS AND EQUIPMENT  Hand lens (6E/275). Torch, electric probe illuminator Type C (5A/4345668).	ASSOCIATED PROCEDURES  SP 106 (AF)
<u>43151</u>	

NOTE 1: Where no cracks are found in Item 1 the main undercarriage leg is to be considered satisfactory and no further action, other than recording the results of the examination, is necessary.

NOTE 2: Where cracking is evident in Item 1 the following restrictions apply:-

Lugs B, D and E - cracks are not permitted  
Lugs A, C, F and G - only ONE of these four lugs is permitted to be cracked.

NOTE 3: Do Not strip paint or use Dye Penetrant.

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#### 1. EXAMINATION

1.1 Main undercarriage leg fairing attachment lugs. (i) Clean.  
(ii) Examine, particularly around base of slots and area immediately around front upper attachment point B (See Fig.1) using hand lens, torch (5A/4345668) and mirror.

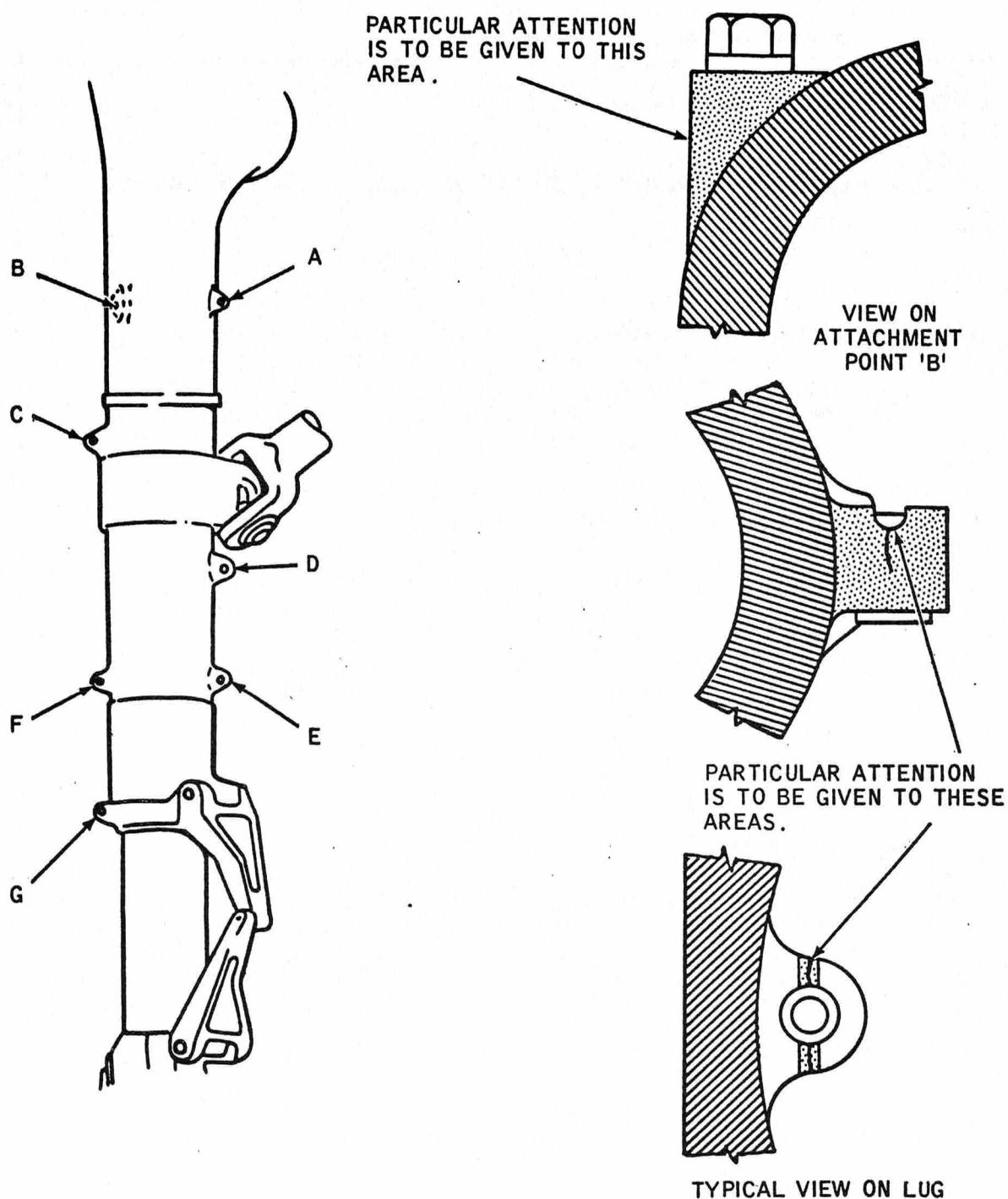
NOTE: Item 2 is applicable only if cracks are found on lugs B, D & E or cracks on lugs A, C, F or G exceed the limitations detailed in NOTE 2.

#### 2. RECTIFICATION

2.1 Main undercarriage leg. (i) Replace.  
(ii) Function (SP 106 (AF)).

Continued Overleaf

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NOTE:

SHOCK ABSORBER STRUT ATTACHMENT  
LUGS LOCATED AT POSITIONS A, B, C,  
D, E, F & G ARE TO BE INSPECTED  
FOR CRACKS.

MAIN UNDERCARRIAGE  
FIGURE 1

Continued

CHAP 4 AIRFRAME  
SP 401 AL 10  
SHEET 3 OF 3

SERVICING PROCEDURE

F53 T55

BAC F53 & T55 (SA)

5A3A Section 1  
2nd Edition

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throughout the work detailed on this card.

43171 (INSPECTOR)

3. INSPECTION STAGE

3.1 Installation.

Independent check of:

- (i) Assembly and locking.
- (ii) Function.

NOTE: All wirelocking must be of 22 SWG stainless steel  
unless otherwise stated.





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