

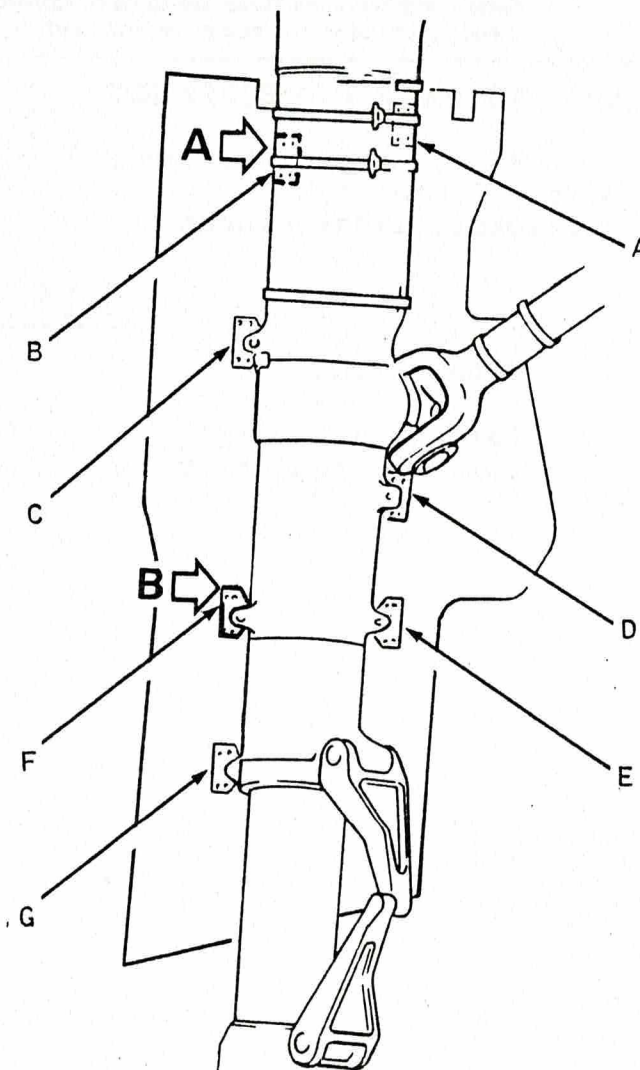
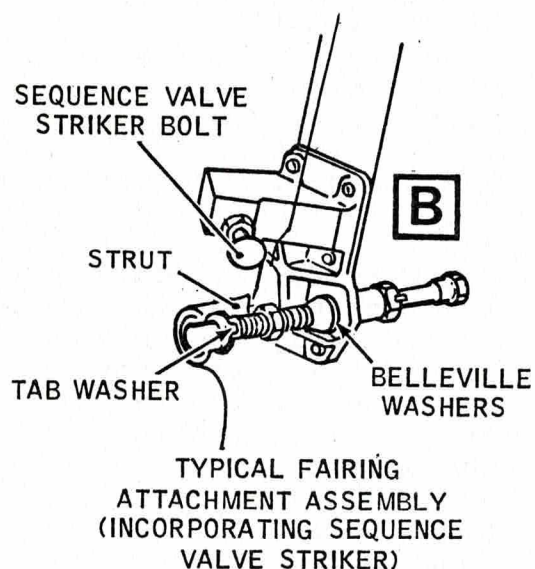
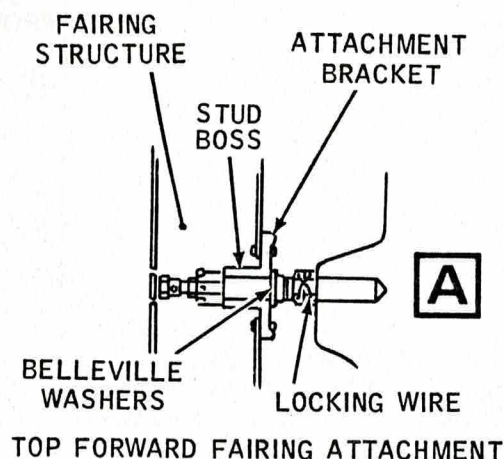
CHAP 4 AIRFRAME	SERVICING PROCEDURE		BAC F53 & T55 (SA)
SP 444 AL 6	F53	T55	5A3A Section 1
SHEET 1 OF 3			2nd Edition
Main Undercarriage Fairing Attachment Brackets - Cracking		AFSC	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		43151	
SPECIAL TOOLS AND EQUIPMENT			ASSOCIATED PROCEDURES
Endoprobe, Lateral 5.5 mm x 9 in. Guide, fibre light. Projector, light source.			SP 106 (AF)
<u>43151</u>			
1. EXAMINATION			
1.1 Fairing attachment brackets (quantity 7).	(i)	Locate (See Fig.1).	
	(ii)	Remove the small access panels in outer skin of fairing.	
	(iii)	Examine inner face of brackets using Endoprobe for evidence of cracking, particularly look for circumferential cracks in radius of stud boss. (See Fig.1 Detail A)	
	(iv)	Examine outer face of brackets for evidence of cracking, particularly in areas around the attachment holes and fillet radius at the base of boss where it fairs into mounting plate (See Fig.1 Detail B).	
	(v)	Examine for cracks emerging from under the Belleville washer adjacent to bracket face. (See Fig.1 Details A and B).	
1.2 Bracket assembly Pt.No.EB1-20-2719/20.	(i)	Locate (See Fig.1 position B).	
	(ii)	Check threaded spindle for cracks.	
1.3 Fairing, small access panels.	(i)	If no cracks evident when carrying out paras 1.1 and 1.2, refit panels.	
			Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS			

CHAP 4 AIRFRAME
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 SHEET 2 OF 3

SERVICING PROCEDURE
 F53 T55

BAC F53 & T55 (SA)
 5A3A Section 1
 2nd Edition

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POSITION	LEFT		RIGHT	
A	EB1-20-2709	26DK/9958	EB1-20-2710	26DK/9959
B	EB1-20-2719	26DK/12503	EB1-20-2720	26DK/12531
C	EB1-20-2725	26DK/9960	EB1-20-2725	26DK/9960
D	EB1-20-2749	26DK/12504	EB1-20-2750	26DK/9965
E	EB1-20-2745	26DK/9964	EB1-20-2745	26DK/9964
F	EB1-20-2731	26DK/9961	EB1-20-2732	26DK/9962
G	EB1-20-2737	26DK/9963	EB1-20-2737	26DK/9963

MAIN UNDERCARRIAGE FAIRING - ATTACHMENT BRACKETS
 FIGURE 1

Continued

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SHEET 3 OF 3

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2. RECTIFICATION

NOTE: Item 2 and 3 are applicable only if cracks are found
in Sub-items 1.1 and 1.2.

2.1 Fairing.

Remove in accordance with
Servicing Manual, Section 3
Chapter 5.

2.2 Fairing attachment
brackets.

- (i) Replace cracked brackets.
- (ii) Carry out ardrex penetrant
dye checks of fairing inter-
face portions of all
remaining brackets whilst
there is access. Replace
cracked brackets.

2.3 Fairing.

- (i) Refit in accordance with
Servicing Manual Section 3
Chapter 5.
- (ii) Refit the small access
panels.

3. TESTING

3.1 Undercarriage operating
system.

Test (SP 106 (AF)).

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