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|---|--------------------------------|---|
| CHAP 4 AIRFRAME<br>SP 444 A L 6<br>SHEET 1 OF 3   | SERVICING PROCEDURE<br>F53 T55 | BAC F53 & T55 (SA)<br>5A3A Section 1<br>2nd Edition |
| Main Undercarriage Fairing Attachment Brackets - Cracking                                     | AFSC<br>43151                  | TIME EST  |
| Safety and Servicing Notes are to be complied with throughout the work detailed on this card. |                                |   |

SPECIAL TOOLS AND EQUIPMENT

Endoprobe, Lateral 5.5 mm x 9 in.  
Guide, fibre light.  
Projector, light source.

ASSOCIATED PROCEDURES

SP 106 (AF)

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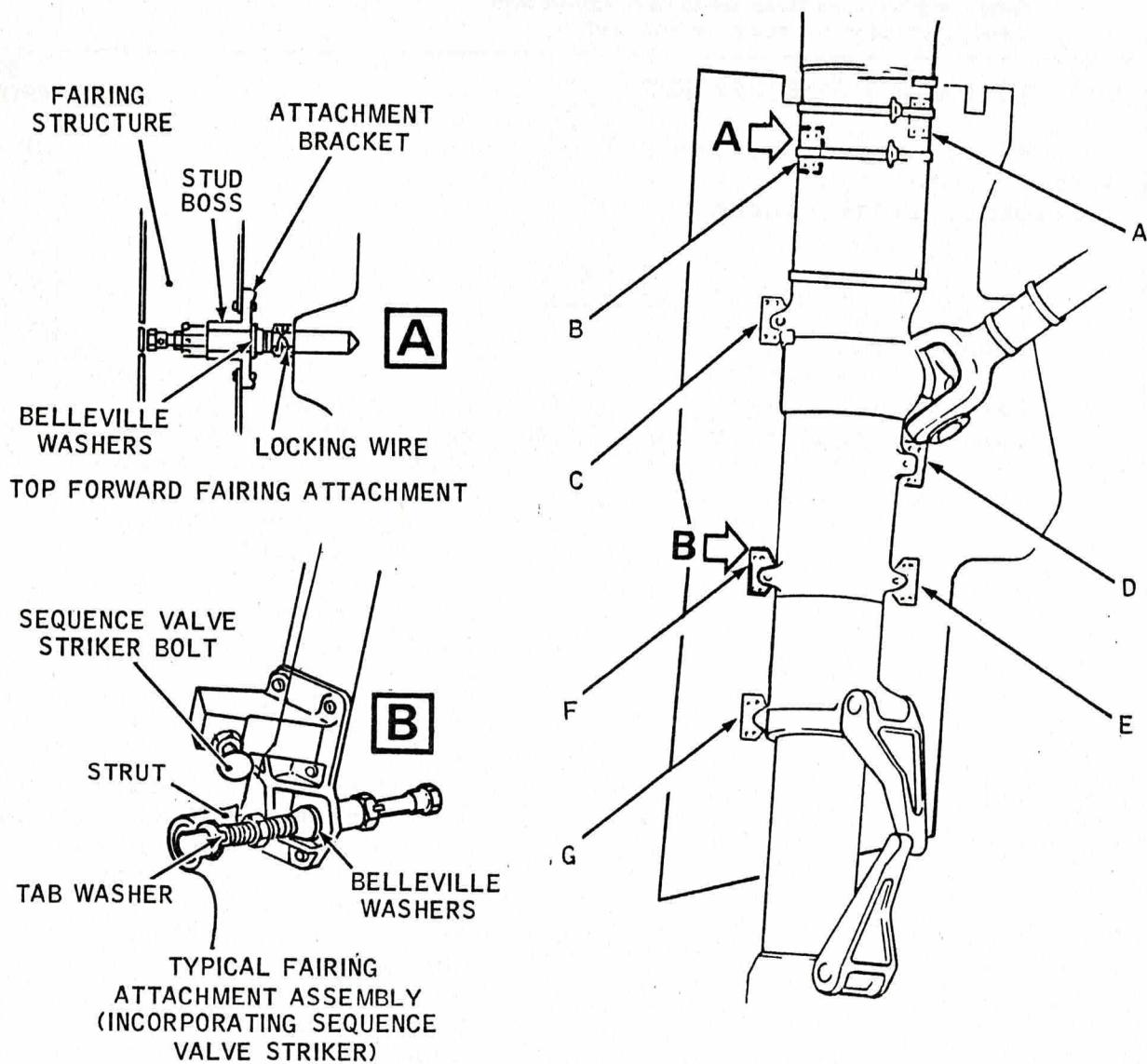
1. EXAMINATION

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.

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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

CHAP 4 AIRFRAME  
SP 444 AL 6  
SHEET 3 OF 3

SERVICING PROCEDURE

F53 T55

BAC F53 & T55 (SA)

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throughout the work detailed on this card.

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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 ardrox 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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