

CHAP 1 AIRFRAME SP 30 AL 4 SHEET 1 OF 3		SERVICING PROCEDURE F53 T55		BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition		
Aileron Auto-Stabilizer Actuator Pick-up Link - Replacement				AFSC 42152 43151 42172 43171 32550		TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.						
SPECIAL TOOLS AND EQUIPMENT						ASSOCIATED PROCEDURES
Nil.						SP603 (AF) 512 (INS) 151 (AF) 113A (AF) 113B (AF) 45 (AF) 46 (AF)
<u>42152 / 43151</u>						
1. PREPARATION						
1.1 Mainplane outboard leading edges (left and right).		Remove (SP 45 (AF) and SP 46 (AF)).				
1.2 Actuator hydraulic pressure connexion.		(i) Disconnect. (ii) Fit blanks.				
1.3 Actuator hydraulic return connexion.		(i) Disconnect. (ii) Fit blanks.				
1.4 Actuator inboard pick-up link.		(i) Remove split pin and collar. (ii) Remove shear pin.				
1.5 Actuator (See Fig.1).		Move towards spar 1 to facilitate access to pick- up link and bracket.				
1.6 Pick-up link.		Remove.				
2. FITTING						
2.1 Pick-up link.		Fit ensuring alignment of taper pin holes through link lugs.				
2.2 Actuator inboard pick-up link.		(i) Fit shear pin. (ii) Fit collar and lock with split pin.				
2.3 Actuator hydraulic pressure connexion.		(i) Remove blanks. (ii) Connect. (iii) Tighten and wire lock.				
2.4 Actuator hydraulic return connexion.		(i) Remove blanks. (ii) Connect. (iii) Tighten and wire lock.				
						Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS						

CHAP. 1 AIRFRAME

S.P. 30 A.L.

SHEET 2 OF 3

SERVICING PROCEDURE

F53

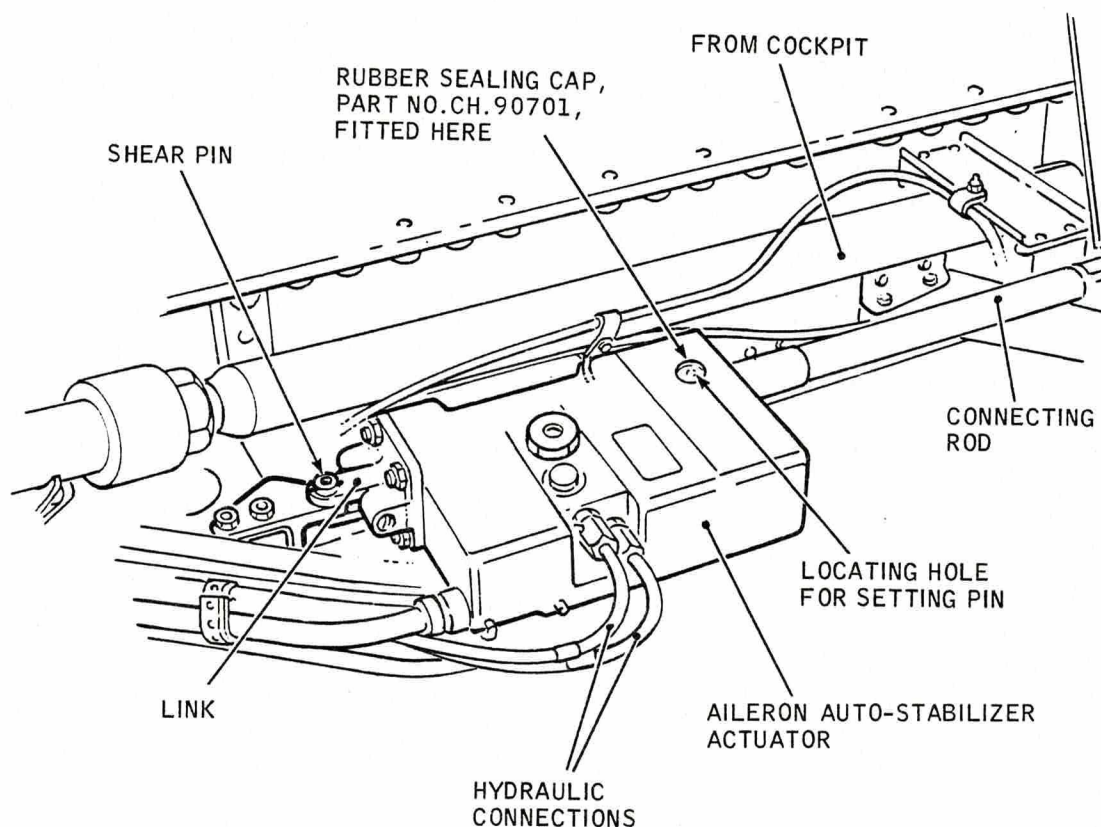
T55

BAC F53 & T55 (SA)

5A3A Section 1

2nd Edition

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AILERON AUTO-STABILIZER ACTUATOR  
PICK-UP LINK - REPLACEMENT

FIGURE 1

Continued

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

CHAP 1 AIRFRAME  
SP 30 AL 4  
SHEET 3 OF 3

SERVICING PROCEDURE  
F53 T55

BAC F 53 & T 55 (SA)  
5A3A Section 1  
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42152/43151

3. GENERAL

- 3.1 Services system. Replenish (SP 603(AF)).  
3.2 Services system. Bleed (SP 151(AF)).

32550

4. TESTING

- 4.1 Aileron auto-stabilizer system. Test (SP 512(INS)).

42152/43151

5. TESTING

- 5.1 Aileron control system. Test (SP 113A(AF) (F53)),  
(SP 113B(AF) (T55)).

42172/43171

6. INSPECTION STAGE

- 6.1 Inspect installation. Independent check of:  
(i) Assembly and locking.  
(ii) Function.

42152/43151

7. COMPLETION

- 7.1 Mainplane outboard leading edges (left and right). Refit (SP 45 (AF) and SP 46(AF)).

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





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