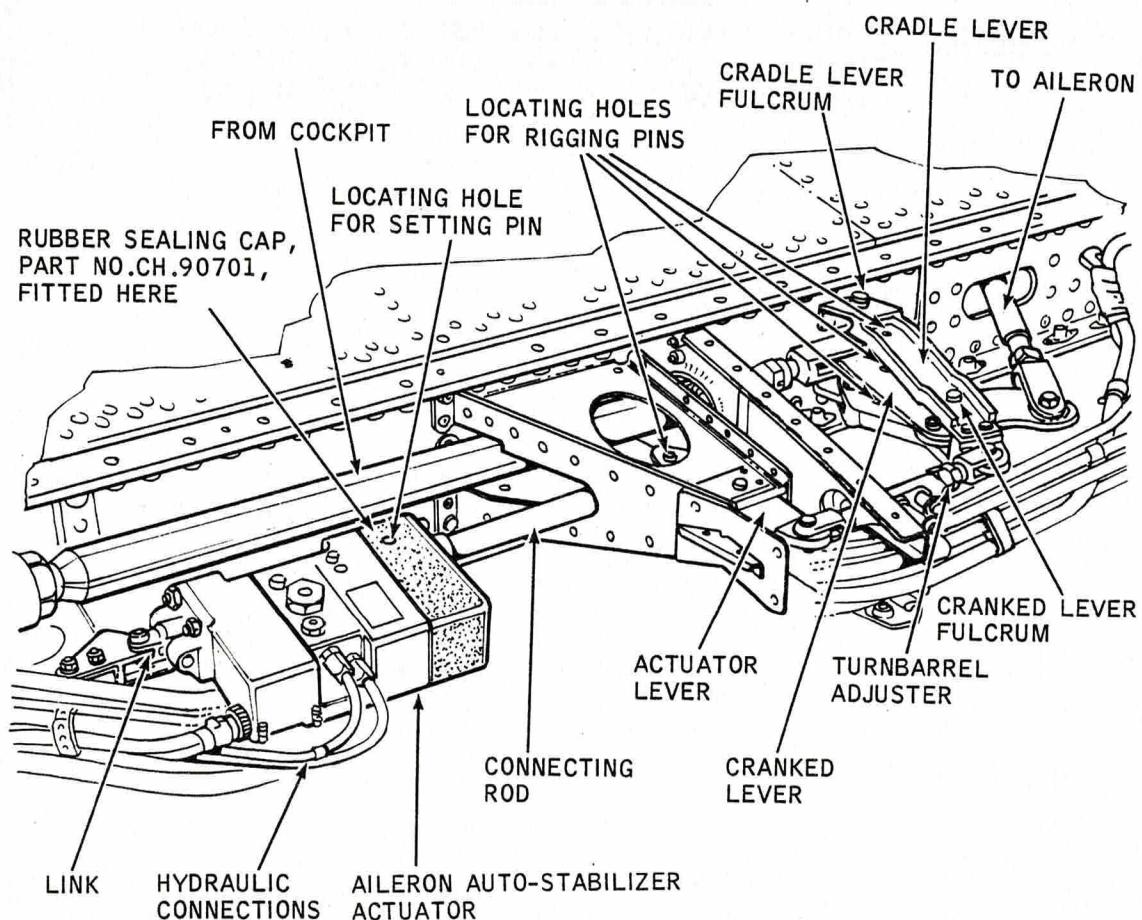


CHAP I AIRFRAME SP 25 AL 6 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Aileron Auto-Stabilizer Actuator - Fitting	AFSC 42152 43151 42172 43171 32550	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		
SPECIAL TOOLS AND EQUIPMENT		
Locally manufactured trammels (26DK/NIV).		
<u>42152 / 43151</u>		
<u>WARNING</u> ENSURE THAT ACTUATOR REF.NO.6TD/4550003 IS FITTED TO LEFT WING, ACTUATOR REF.NO. 6TD/4550014 IS FITTED TO RIGHT WING.		
1. PREPARATION		
1.1 Actuator inboard pick-up link.	Fit to replacement actuator.	
NOTE: Ensure alignment of taper pin holes through link lugs.		
1.2 Adjustable connecting rod.	(i) Fit to actuator, complete with lock nut. (ii) Set pin centre (As recorded in SP 24(AF)), from connecting rod end to auto-stabilizer link, using locally manufactured trammels (26DK/NIV). (iii) Ensure connecting rod is in safety. (iv) Tighten lock nut and lock with wire.	
2. FITTING		
2.1 Auto-stabilizer actuator.	(i) Ensure centralised. (ii) Position actuator and fit shear pin, collar and a split pin (See Fig.1). (iii) Fit bolt at connecting rod end to actuator lever. Tighten nut and split pin (See Fig.1).	
2.2 Hydraulic pressure connexion.	(i) Remove blanks. (ii) Connect. (iii) Tighten and wirelock.	
2.3 Hydraulic return connexion.	(i) Remove blanks. (ii) Connect. (iii) Tighten and wirelock.	
Continued Overleaf		

Safety and Servicing Notes are to be complied with
throughout the work detailed on this card.



LEFT WING SHOWN:
RIGHT WING SIMILAR

AUTO-STABILIZER - ACTUATOR INSTALLATION

FIGURE 1

Continued

CHAP 1 AIRFRAME SP 25 AL 4 SHEET 3 OF 3	SERVICING PROCEDURE F53 T55	B A C F 53 & T 55 (SA) 5A3A Section 1 2nd Edition
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Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

42152/43151

2. FITTING (Contd)

2.4 Auto-stabilizer actuator Connect.
pig-tail cable (At in-line connector).

3. TESTING

3.1 Aileron auto-stabilizer Bleed (SP 151 (AF)).
system.

3.2 Aileron control system. Test (SP 113A (AF) (F53)), and
(SP 113B (AF) (T55)).

32550

4. TESTING

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

42172/43171 (INSPECTOR)

5. INSPECTION STAGE

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

43151

6. COMPLETION

6.1 Mainplane outboard Fit (SP 45 (AF) and SP 46 (AF)).
leading edge section.

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

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