

CHAP. 1 AIRFRAME			SERVICING PROCEDURE		BAC F53 & T55 (SA)	
S.P. 11A	A.L.	4	F53	T55	5A3A Section 1	
SHEET 1	OF	6			2nd Edition	
Tailplane Hinge Spigot Inner and Outer Bearings - Removal					AFSC	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					43151	
					43250	
					42152	
SPECIAL TOOLS AND EQUIPMENT						ASSOCIATED PROCEDURE
Spanner (26DK/95170). Sling (26DK/95102).						SP 5 (P)
Tool (26DK/95178). Tool (26DK/95421).						603 (AF)
Spanner (26DK/95149). Spanner (26DK/95061).						
Spanner (26DK/95169). Walkway (26DK/95055).						
Stand (26DK/95289). Spanner (26DK/95150).						
Tool (26DK/95062). Jib No.5 (4GC/423229).						
Multi-purpose servicing hoist (4GC/4232366). Tyre inflation rig (4G/1050542).						
<u>43151</u>						
1. PREPARATION						
1.1 Controls accumulator. Ensure Hydraulic Pressure released.						
1.2 Fuselage. Trestle at Frame 59.						
<u>43250</u>						
2. PREPARATION						
2.1 No.1 Reheat jet pipe. Remove (SP 5 (P)).						
<u>43151/42152</u>						
3. PREPARATION						
3.1 Reservoirs (services and Nos.1 & 2 control systems). Replenish (SP 603 (AF)).						
3.2 Hydraulic test trolleys(quantify 3). (i) Prime. (ii) Bleed.						
3.3 Services system test connexions. (Access panel 45P (left)). Connect hydraulic test trolleys.						
3.4 No.1 Controls system test connexion.(Access panel 45P (left)). Connect hydraulic test trolleys.						
3.5 No.2 Controls system test connexion.(Access panel 67P (left)). Connect hydraulic test trolleys.						
						Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS						

CHAP. 1 AIRFRAME

S.P. 11A A.L.

SHEET 2 OF 6

SERVICING PROCEDURE

F53

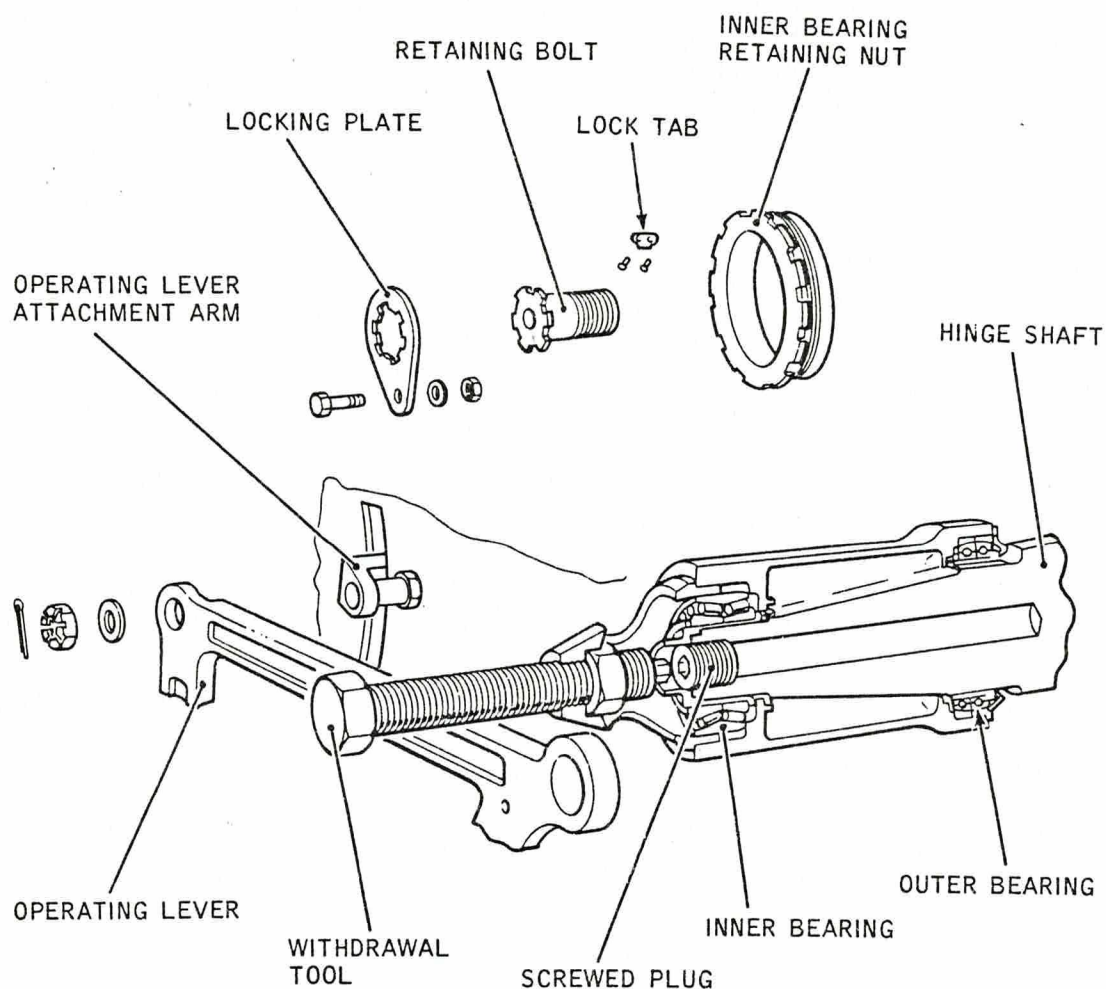
T55

BAC F53 & T55 (SA)

5A3A Section 1

2nd Edition

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



SPECIAL TOOL
FIGURE 1

Continued

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

CHAP 1 AIRFRAME	SERVICING PROCEDURE	B A C F 53 & T 55 (SA)
SP 11A AL 4	F53 T55	5A3A Section 1
SHEET 3 OF 6		2nd Edition

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

4 3 1 5 1

4. PREPARATION

- 4.1 Tyre Inflation Rig. (4G/1050542). (i) Connect to ground air charging/release connexion (Access panel 63P (left)). (ii) Set rig to deliver a pressure of between 16 and 18 lbf/in².

NOTE: Tyre Inflation Rig (4G/1050542) is not required if de-aeration rig is fitted.

- 4.2 Fuselage walkway (26DK/95055). Fit.
- 4.3 Heat shields (quantity 2). Remove.
- 4.4 Triangular panels (quantity 2). Remove.
- 4.5 Tailplane operating lever (See Figs.1 and 2).
- a) Attachment arm. Disconnect.
- b) Screw-jack arm. Disconnect.
- 4.6 Operating lever lockplate (tailplane spigot) (See Figs. 1 and 2). Remove.
- 4.7 Retaining bolt (See Figs. 1 and 2). Withdraw, using spanner (26DK/95150).
- 4.8 Inner bearing retaining nut (See Figs. 1 and 2)
- a) Lock-tab. Unlock.
- b) Nut. Remove using spanner (26DK/95149).

5. REMOVAL (SEE FIGS. 1 AND 2)

- 5.1 Tailplane sling attachment point blanking screw. Remove.
- 5.2 Tailpane sling (26DK/95102). Fit.
- 5.3 Multi-purpose servicing hoist with No.5 Jib. (i) Connect to tailplane sling. (ii) Take up slack.

Continued Overleaf

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

CHAP	1	AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
SP	11A	AL	F53	T55
SHEET	4	OF		5A3A Section 1
				2nd Edition

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

43151

5. REMOVAL (SEE FIGS.1 AND 2) (Contd)

- | | | |
|-----|-------------------------|---|
| 5.4 | Tailplane spigot hinge. | Fit screwed plug into end. |
| 5.5 | Inner bearing housing. | Fit withdrawal tool (26DK/95062). |
| 5.6 | Tailplane. | Support manually. |
| 5.7 | Tailplane spigot. | Remove, using withdrawal tool (26DK/95062). |
| 5.8 | Tailplane. | Lower and support in stand (26DK/95289). |

NOTE: Sub-items 4.9 and 4.10 are applicable only if bearings are being replaced.

5.9 Outer bearing retaining nut:-

- | | | |
|----|-------------|-------------------------------------|
| a) | Tab washer. | Unlock. |
| b) | Nut. | Remove, using spanner (26DK/95061). |

5.10 Withdrawal tool. Remove from inner bearing housing.

5.11 Inner bearing assembly. Remove.

5.12 Outer bearing assembly. Remove.

5.13 Oil seals:-

- | | | |
|----|----------------|---------|
| a) | Inner bearing. | Remove. |
| b) | Outer bearing. | Remove. |

6. EXAMINATION

- | | | | |
|-----|--------------------------------|---|---|
| 6.1 | Tailplane. | } | (i) Examine for signs of the following: |
| 6.2 | Tailplane attachment fittings. | | |
| | | | a) Insecure (unsafe) attachment. |
| | | | b) Cracks, fractures or crazing. |
| | | | c) Corrosion, contamination or deterioration. |
| | | | d) Distortion. |
| | | | e) Loose and missing rivets. |

Continued

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

CHAP 1 AIRFRAME	SERVICING PROCEDURE	B A C F 53 & T 55 (SA)
SP 11A AL 4	F53 T55	5A3A Section 1
SHEET 5 OF 6		2nd Edition

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

4 3 1 5 1

6. EXAMINATION (cont'd)

6.1 Tailplane (contd).

6.2 Tailplane attachment fittings (contd).

f) Chafing, fraying, scoring and wear.

g) Faulty and broken locking devices.

h) Loose clips, loose packing, obstruction of pipelines, leaks from pipelines.

i) External damage.

j) Overheating and leaking of fluids. There may be discolouration.

(ii) Apply protective grease to the tailplane attachment fittings (Grease XG-276).

Continued Overleaf

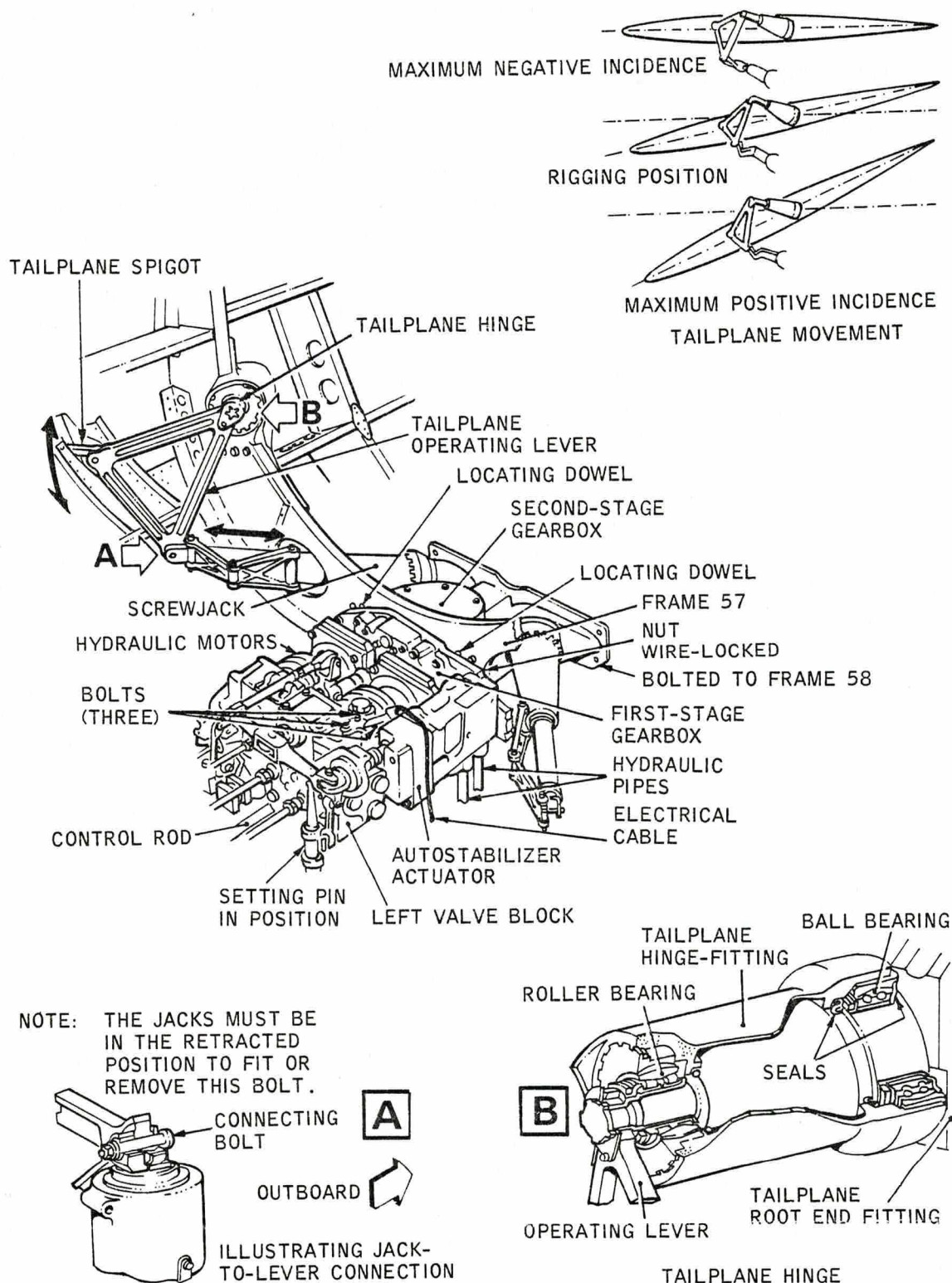
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS

CHAP. 1 AIRFRAME
S.P. 11A A.L. 4
SHEET 6 OF 6

SERVICING PROCEDURE
F53 T55

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

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



TAILPLANE OPERATING MECHANISM
FIGURE 2

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

This file was downloaded
from the RTFM Library.

Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.

