

CHAP 2 AIRFRAME SP 410 AL 4 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Brake Parachute Operating Handle - Incorrect Travel	AFSC 43151 43250 43171	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		
SPECIAL TOOLS AND EQUIPMENT Tyre inflation rig (4G/1050542). NOTE: During this servicing procedure, to prevent cable kinking during resetting of jettison mechanism, the operating handle must be restrained and the cable kept taut. <u>43151</u> 1. PREPARATION 1.1 Brake parachute. Ensure removed. 1.2 Hydraulic test trolley. (i) Prime. (ii) Bleed. 1.3 Ground air charging/ release connexion Remove blank. (Access panel 63P(left)). 1.4 No.1 controls ground Connect hydraulic test test connexions trolley. (Access panel 45P(left)). 1.5 Hydraulic reservoirs. Replenish (SP 603(AF)). 1.6 Tyre inflation rig (i) Connect to ground air (4G/1050542). charging/release connexion. (ii) Set to deliver a pressure of between 16 and 18 lbf/in2. 1.7 Brake parachute doors. Close, but do not engage locks. 2. TESTING 2.1 No.1 Controls system. Apply hydraulic pressure by operation of test trolley hand pump. 2.2 Brake parachute stream (i) Slowly operate until handle. brake parachute jack ram begins to move. (ii) Check distance handle has moved is between 2.30 and 2.40 in.		ASSOCIATED PROCEDURES SP 4(AF) 5(P) 6(P) 101(AF) 600(AF) 603(AF)
		Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS		

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NOTE: Item 3 is applicable only if dimensions in sub-item 2.2 (ii) are not obtained.

3. PREPARATION

3.1 No.1 Reheat jet pipe. Remove (SP 5(P)).

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NOTE: Item 4 is applicable only if dimensions in sub-item 2.1 (ii) are not obtained.

4. RECTIFICATION

4.1 Brake parachute operating cable. (i) Adjust until the dimensions detailed in sub-item 2.2 (ii) is obtained.
(ii) Tighten lock nuts and wirelock.

43171 (INSPECTOR)

5. INSPECTION STAGE

5.1 Inspect installation. Inspect for:
(i) Correct assembly and locking.
(ii) Function.

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6. TESTING

6.1 Brake parachute system. Test (SP 101(AF)).

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NOTE: Item 7 is applicable only if items 3 and 4 have been carried out.

7. COMPLETION

7.1 No.1 Reheat jet pipe. Refit (SP 6(P)).

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8. COMPLETION

8.1 Tyre inflation rig. (i) Disconnect at ground air charging release connexion.
(ii) Fit blank and wirelock.

Continued

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SERVICING PROCEDURE

F53

T55

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8. COMPLETION (Contd)

8.2 Hydraulic test trolley.

- (i) Disconnect.
- (ii) Remove.

8.3 Hydraulic pump quick
release connexions
(No.1 Controls).

- (i) Reconnect to aircraft.
- (ii) Wirelock.

8.4 Hydraulic reservoirs.

Replenish (SP 603(AF)).

8.5 Brake parachute.

Replenish (SP 600(AF)).

8.6 Access panels.

Refit.

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

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