

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	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.	43151 43250 43171	

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.

43151

1. PREPARATION

- 1.1 Brake parachute. Ensure removed.
- 1.2 Hydraulic test trolley. (i) Prime.
(ii) Bleed.
- 1.3 Ground air charging/ release connexion
(Access panel 63P(left)). Remove blank.
- 1.4 No.1 controls ground test connexions
(Access panel 45P(left)). Connect hydraulic test trolley.
- 1.5 Hydraulic reservoirs. Replenish (SP 603(AF)).
- 1.6 Tyre inflation rig (4G/1050542). (i) Connect to ground air 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 handle. (i) Slowly operate until brake parachute jack ram begins to move.
(ii) Check distance handle has moved is between 2.30 and 2.40 in.

Continued Overleaf

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

43250

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)).

43151

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)).

43151

8. COMPLETION

8.1 Tyre inflation rig.

- (i) Disconnect at ground air charging release connexion.
- (ii) Fit blank and wirelock.

Continued

CHAP 2 AIRFRAME
SP 410 AL 4
SHEET 3 OF 3

SERVICING PROCEDURE

F53

T55

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43151

8. COMPLETION (Contd)

8.2 Hydraulic test trolley. (i) Disconnect.
(ii) Remove.

8.3 Hydraulic pump quick (i) Reconnect to aircraft.
release connexions (ii) Wirelock.
(No.1 Controls).

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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