

CHAP 2 AIRFRAME SP 127 AL 4 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Brake Parachute Door Cables - Tensioning	AFSC 43151 43171 43250	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		
SPECIAL TOOLS AND EQUIPMENT		ASSOCIATED PROCEDURES
Locking key (26DK/95118). Tyre inflation rig (4G/1050542).		SP 4 (AF) 600 (AF) 603 (AF) 5 (P) 6 (P) 101 (AF)
<u>43151</u>		
1. PREPARATION		
1.1 Brake parachute.	Remove (SP 4 (AF)).	
<u>43250</u>		
2. PREPARATION		
2.1 No.1 Reheat jet pipe.	Remove (SP 5 (P)).	
<u>43151</u>		
3. PREPARATION		
3.1 Ground air charging/ release connexion (Access panel 63P (left)).	Remove blank.	
3.2 No.1 Controls system.	Ensure hydraulic pressure released.	
3.3 Hydraulic test trolley.	(i) Prime. (ii) Bleed.	
3.4 No.1 Controls ground test connexions (Access panel 45P (left)).	Connect hydraulic test trolley.	
3.5 Hydraulic reservoirs (No.1 controls).	Replenish (SP 603 (AF)).	
3.6 Tyre inflation rig (4G/1050542).	(i) Connect to ground air charging/release connexion. (ii) Set rig to deliver a pressure of between 16 and 18 lbf/in ² .	
3.7 No.1 Controls hydraulic system.	Pressurize to 3000 lbf/in ² .	

Continued Overleaf

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SHEET 2 OF 3

SERVICING PROCEDURE

F53

T55

BAC F53 & T55 (SA)

5A3A Section 1

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43151

4. TENSIONING

4.1 Parachute Doors.

Check gap between upper stop on
guide rail and upper roller on door.
(0.10 in. maximum).

NOTE: If gap is in excess of 0.10 in. adjust on turnbarrels
at Frame 59.

43171 (INSPECTOR)

5. INSPECTION STAGE

5.1 Inspect installation.

Inspect for:

- (i) Correct assembly and locking.
- (ii) Function.

43151

6. TESTING

6.1 Brake parachute system.

Test (SP 101(AF)).

7. COMPLETION

7.1 No.1 Controls
hydraulic system.

- (i) Stop hydraulic trolley.
- (ii) Exhaust hydraulic pressure.

7.2 Tyre inflation rig
(4G/1050542).

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

7.3 Hydraulic test trolley.

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

7.4 Hydraulic pump quick
release connexions
(No.1 Controls; (Access
panel 45P (left))).

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

7.5 Hydraulic reservoirs
(No.1 Controls).

Replenish (SP 603(AF)).

7.6 Access panel.

Refit.

Continued

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43250

8. COMPLETION

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

43151

9. COMPLETION

9.1 Brake parachute. Replace (SP 600(AF)).

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

A large propeller aircraft, likely a Douglas C-47 Skytrain, is displayed in a museum hangar. The aircraft is positioned on a blue hydraulic lift, with its front landing gear extended. The engine and propeller are visible on the left side. The interior of the aircraft is partially open, showing the cockpit and the engine compartment. The aircraft is surrounded by museum exhibits, including a red and white airplane in the background and various informational displays. The hangar has a high ceiling with exposed structural beams and lighting fixtures.

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