

CHAP 2 AIRFRAME SP 116 A L 4 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Cabin Pressurization Check		AFSC 42251
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		TIME EST
SPECIAL TOOLS AND EQUIPMENT		ASSOCIATED PROCEDURES
Gauge (small) 0.15 lbs (4G/5809). Gauge (large) 0.15 lbs (4G/11978). Pressurizing test trolley (4F/1041044). Adapter connector (26DK/95437). Adapter connector (4F/1042289). Sleeve (AGS2111/B). Cone plug (AGS/1140/B) (28F/9439950). Inflation pump (4G/3743).		
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<p>1. PREPARATION</p> <p>1.1 Pitot/Static system. Ensure all pipelines in pressurized area are connected or blanked.</p> <p>1.2 Cockpit fittings. Ensure installed and secure.</p> <p>1.3 Emergency ram air valve. Ensure closed.</p> <p>1.4 Demisting control lever. Set to OFF.</p> <p>1.5 Canopy seal test point left side sloping bulkhead (F53); left side under sill (T55). (i) Fit adapter (26DK/95437) and gauge (4G/5809). (ii) Position so as to be visible from outside with canopy closed.</p> <p>1.6 Canopy seal guards. Remove.</p> <p>1.7 Hydraulic jack safety strut. Remove.</p> <p>1.8 Forward equipment hatch. Open.</p> <p>1.9 Static bleed (Forward equipment compartment) Frame 4A (T55) Frame 5 (F53). Blank using sleeve (AGS2111/B) and cone plug (AGS1140/B; 28F/9439950).</p>		
<div style="border: 1px solid black; padding: 2px; display: inline-block;">Continued Overleaf</div>		
<p>SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS</p>		

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1. PREPARATION (contd)

1.10 Cockpit pressure test connexion (forward equipment compartment) Frame 4A (T55); Frame 5 (F53). (i) Remove blank. (ii) Fit 0-15 lbf/in² gauge (4G11978) and locally manufactured pipe, ensuring pipe is as short as possible.

1.11 Ground test connexion (Access panel 26P (left) (F53)), (Access Panel 20P (left) (T55)). Connect test trolley (4F/1041044) using adapter (4F/1042289).

1.12 Canopy seal storage bottle charging connexion. (Access panel 21P (left) (F53)), (Access panel 25P (left) (T55)). (i) Connect inflation pump (4G/3743). (ii) Pressurize system to approx 100 lbf/in² as shown on gauge adjacent to inflation point.

1.13 External d.c. power supply. (i) Connect. (ii) Switch to ON.

1.14 Canopy. (i) Close using aircraft handpump. (ii) Lock, using external handle.

1.15 Canopy indicator lamp. Ensure extinguished.

1.16 Canopy seal reducing valve. Ensure operating correctly by checking gauge (4G/5809) indicates between 7.7 and 9.5 lbf/in².

1.17 Test trolley relief valve. Set to 5 lbf/in².

1.18 Cockpit. Pressurize at a rate not exceeding 2 lbf/in² per minute using test trolley.

2. TESTING

2.1 Combined exhaust valve (forward equipment). Check that safety valves relieve when pressure is between 4.4 and 4.5 lbf/in² as indicated on test gauge (4G/11978).

2.2 Test trolley. Shut OFF.

2.3 Cockpit. Check that time taken for pressure to drop from 4 to 2 lbf/in² is not less than 30 sec.

Continued

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3. GENERAL

3.1 Test trolley. Disconnect.

3.2 Ground test connexion
(Access panel 20P (left)
(T55)) (Access panel 26P
(left) (F53)).
(i) Fit blank.
(ii) Wirelock.

3.3 Test connexion
(Frame 4A (T55);
(Frame 5 (F53)).
(i) Remove gauge and adapter.
(ii) Fit blank.
(iii) Wirelock.

3.4 Canopy seal storage
bottle charging connexion
(Access panel 21P (left)
(F53)) (Access panel 25P
(left) (T55)).
(i) Remove inflation pump.
(ii) Fit schrader cap.

3.5 Cockpit.
(i) Ensure pressure is zero.
(ii) Open canopy.

3.6 Canopy seal test point.
(i) Remove gauge and adapter.
(ii) Fit blank.
(iii) Wirelock.

3.7 Static bleed
(Frame 4A (T55);
(Frame 5 (F53)).
Remove blank.

3.8 Canopy seal guards. Refit.

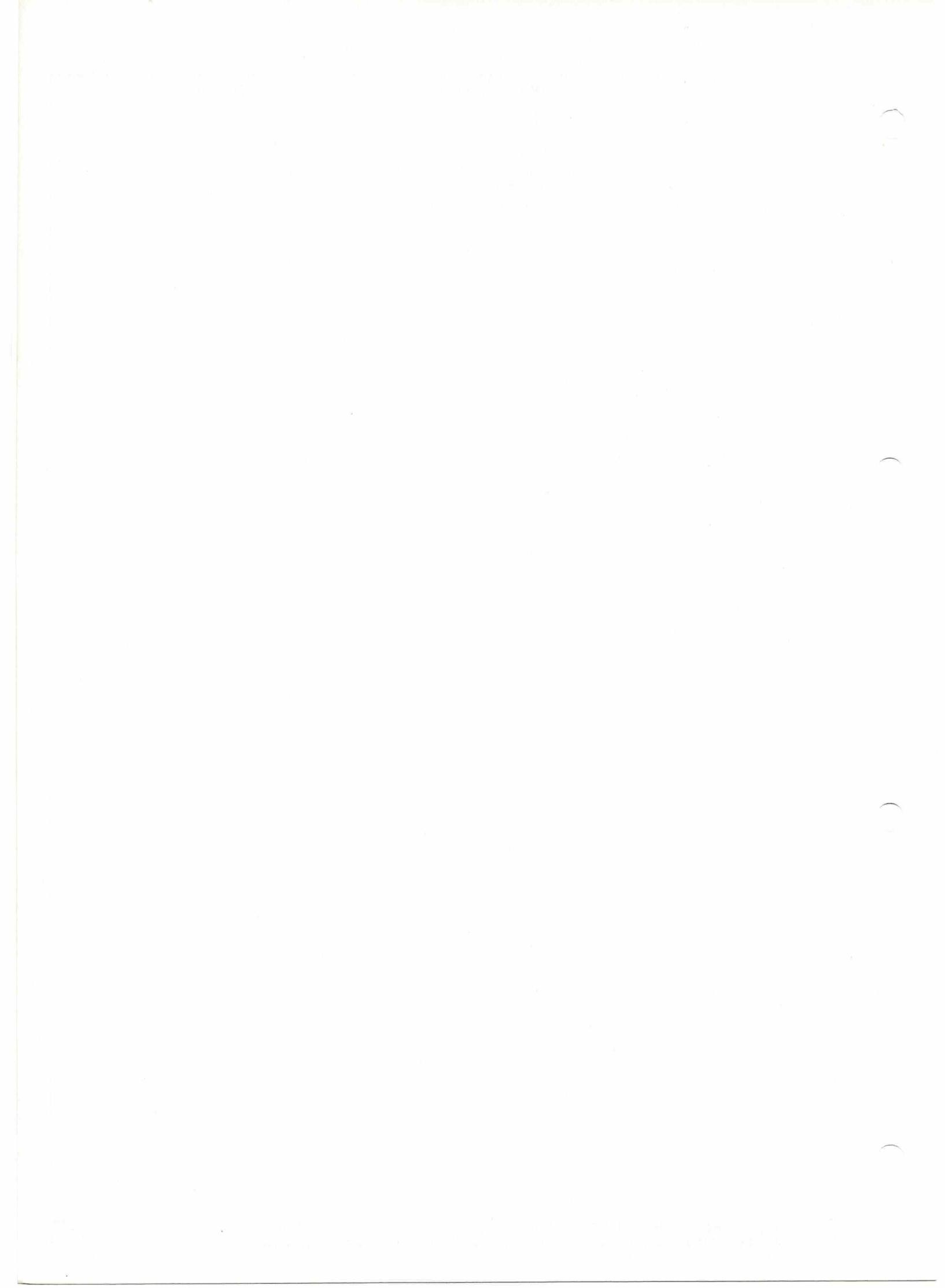
3.9 Canopy jack safety strut. Refit.

3.10 Access panels. Refit.

3.11 Forward equipment bay. Close (Ensure flush fit).

3.12 External d.c. power.
(i) Set to OFF.
(ii) Disconnect.

NOTE:- All wirelocking must be of 22 SWG stainless steel
unless otherwise stated.





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