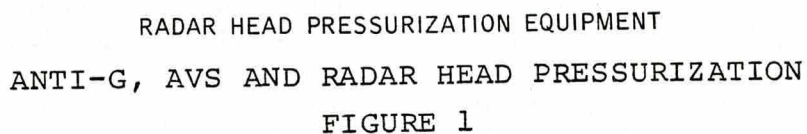


CHAP 4 AIRFRAME SP 405 AL 4 SHEET 1 OF 4	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition	
Radar Bullet Air Pressure Relief Valve - Failure To Operate		AFSC 32251 42251	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.			
SPECIAL TOOLS AND EQUIPMENT Adapter (26DK/95228). Gauge 0-40 lbs (4G/3845). Air supply trolley (4G/4272). Tyre inflation rig (4G/1050542). <u>32251</u> 1. PREPARATION 1.1 Radar bullet. Remove (SP 1(RAD)). <u>42251</u> 2. PREPARATION 2.1 Forward equipment compartment access door. Open. 2.2 Radar bullet ground test connexion Remove blank. (See Fig.1 Detail A) (Access Panel 26S(Right) - F53). (Access Panel 20S(Right) - T55). 2.3 Tyre inflation rig (4G/1050542). (i) Connect to test connexion. (ii) Connect air supply. (iii) Set relief valve at 50lbf/in2. 2.4 Air pressurisation pipe (26DK/35366). Using suitable locally manufactured adapter, fit 0-40 lbs gauge (4G/3845) to bullet end of pipe. 3. TESTING 3.1 Air supply trolley. Set to deliver 100 lbf/in2. 3.2 Tyre inflation rig. Set control valves to slowly increase air pressure to a maximum of 50 lbf/in2.			ASSOCIATED PROCEDURES SP 118 (AF) SP 1 (RAD) SP 2 (RAD)
			Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS			

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CHAP 4	AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
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Safety and Servicing Notes are to be complied with throughout the work detailed on this card.

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3. TESTING (Contd)

- 3.3 Radar bullet air pressure relief valve (See Fig.1).
- (i) Check valve opens at between 20 and 24 lbf/in².
 - (ii) Check that as pressure gauge at tyre inflation rig increases to 50 lbf/in² the gauge at sub-item 2.4 remains between 20 and 24 lbf/in².

NOTE: Item 4 is applicable only where radar bullet air pressure relief valve has not met the requirements of sub-item 3.3.

4. RECTIFICATION

- 4.1 Air supply trolley. Turn OFF.
- 4.2 Tyre inflation rig. Set to exhaust air pressure.
- 4.3 Radar bullet air pressure relief valve. Replace.
- 4.4 Air supply trolley. Set to deliver 100 lbf/in².
- 4.5 Tyre inflation rig. Set control valves to slowly increase air pressure to a maximum of 50 lbf/in².
- 4.6 Radar bullet air pressure relief valve.
- (i) Check valves open at between 20 and 24 lbf/in².
 - (ii) Check that as pressure gauge at tyre inflation rig increases to 50 lbf/in² the gauge at sub-item 2.4 remains between 20 and 24 lbf/in².

5. COMPLETION

- 5.1 Air supply trolley.
- (i) Turn OFF.
 - (ii) Disconnect.
- 5.2 Tyre inflation rig.
- (i) Set to exhaust air pressure.
 - (ii) Disconnect from test connexion.
- 5.3 Radar bullet ground test connexion. Refit blank and wirelock.

Continued Overleaf

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CHAP. 4 AIRFRAME
S.P. 405 A.L. 4
SHEET 4 OF 4

SERVICING PROCEDURE
F53 T55

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4 2 2 5 1

5. COMPLETION (Contd)

- 5.4 Air pressurization pipe Remove gauge and adapter.
(26DK/35366).

3 2 2 5 1

6. COMPLETION

- 6.1 Radar bullet. Refit (SP 2(RAD)).

4 2 2 5 1

7. COMPLETION

- 7.1 Radar bullet. Test (SP 118(AF)).

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

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