

CHAP. 2 AIRFRAME S.P. 126 A.L. 4 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition	
Undercarriage Emergency Selector Valve - Leakage Test	AFSC 42152 42172	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). Canopy seal guards F53 (26DK/95129 - Left). Canopy seal guards F53 (26DK/95130 - Right). Canopy seal guards T55 (26DK/95252 - Left). Canopy seal guards T55 (26DK/95253 - Right).		ASSOCIATED PROCEDURES SP602 (AF) 603 (AF) 106 (AF) 108 (AF)	
<u>42152</u>			
1. PREPARATION			
1.1 Ground air charging/ release connexion (Access panel 63P (left)).	Remove blank.		
1.2 Hydraulic test trolleys.	(i) Prime. (ii) Bleed.		
1.3 No.1 Services and No.1 Controls ground test connexions (Access panel 45P (left)).	Connect hydraulic test trolleys.		
1.4 Hydraulic accumulators (Services and No.1 and No.2 Controls).	Check pressures (SP 602 (AF))		
1.5 Hydraulic reservoirs (Services and No.1 Controls).	Replenish (SP 603 (AF)).		
1.6 Tyre inflation rig (4G/1050542).	(i) Connect to ground charging/release connexion (Access panel 63P (left)). (ii) Set rig to deliver a pressure of between 16 and 18 lbf/in ² .		
1.7 Undercarriage ground locks.	Ensure fitted.		
1.8 Undercarriage toggle switch (Cockpit).	Ensure set to DOWN.		
1.9 External d.c. power supply.	(i) Connect. (ii) Set to ON.		
		Continued Overleaf	
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS			

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1. PREPARATION (contd)

1.10 Canopy seal guards. Ensure fitted.

2. TESTING

2.1 Services hydraulic system. Pressurize to 3000 lbf/in2.

2.2 Undercarriage indicator lamps (green) (F53; quantity 3, T55: quantity 6). Ensure lit.

2.3 Services hydraulic system. Release pressure by operating brake lever.

2.4 External d.c. power supply. Set to OFF.

2.5 No.1 Controls hydraulic system. (i) Pressurize to 3000 lbf/in2 for 5 minutes.
(ii) Release pressure.

2.6 Services system reservoir overflow drain pipe. Position a calibrated container.

2.7 No.1 Control hydraulic system. Pressurize to 3000 lbf/in2 for 40 min.

2.8 Calibrated container. Measure quantity of fluid collected.

NOTE: Item 3 is only applicable if quantity of fluid collected in sub-item 2.8 exceeds 50 cc.

3. REPLACEMENT

3.1 Emergency selector valve. Replace.

42172 (INSPECTOR)

4. INSPECTION STAGE

4.1 Inspect. After component replacement or system has been disassembled.

Continued

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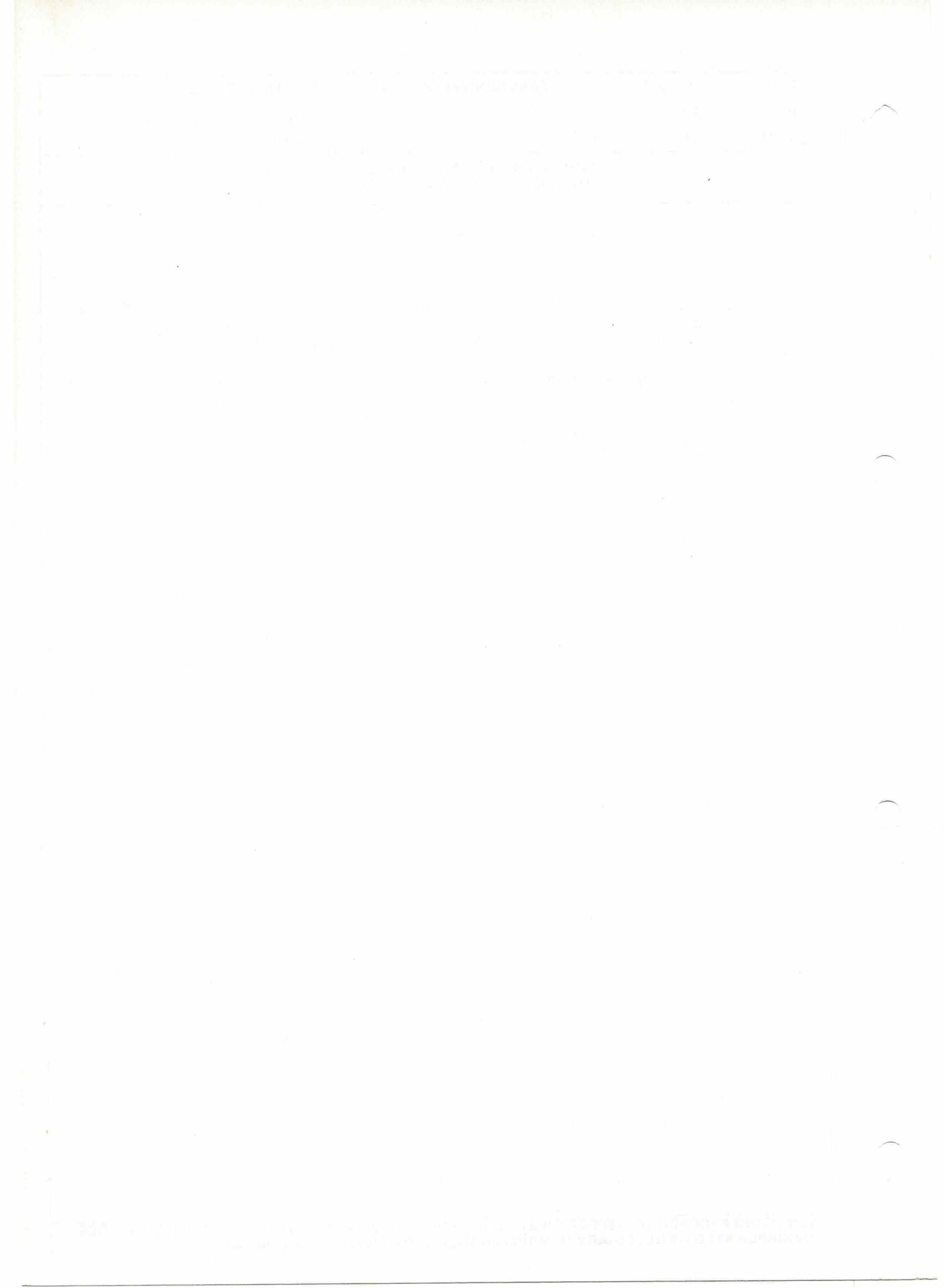
5. TESTING

- 5.1 No.1 Controls hydraulic system. (i) Pressurize to 3000 lbf/in2 for 5 minutes.
(ii) Release pressure.
- 5.2 Services system reservoir overflow drain pipe. Position a calibrated container.
- 5.3 No.1 Control hydraulic system. Pressurize to 3000 lbf/in2 for 40 min.
- 5.4 Calibrated container. Measure quantity of fluid collected.

6. COMPLETION

- 6.1 Undercarriage hydraulic system. Carry out SP 106(AF), SP 108(AF).

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



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