

CHAP 2 AIRFRAME SP 148 AL 4 SHEET 1 OF 2		SERVICING PROCEDURE F53 T55		BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition	
Flap tanks - Pressure And Leak Testing				AFSC 42450 42470	
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.					
SPECIAL TOOLS AND EQUIPMENT					ASSOCIATED PROCEDURES
Adapter (ST11/10007). Blank (ST11/10009).  NOTE 1: This servicing procedure must be carried out with the tanks removed from aircraft.  NOTE 2: The test in this servicing procedure must be carried out with the tank approximately in its installed attitude.  <div style="text-align: center;"><u>42450</u></div>					
1. PREPARATION					
1.1 Flap tank.		(i) Fit adapter (ST11/10007) and blank (ST11/10009) to inboard and outboard pivot assembly positions. (ii) Fill with avtur.			
2. TESTING					
2.1 Flap tank.		(i) Using bowser fuel pressure, apply pressure at 2 lbf/in <sup>2</sup> increments up to 8 lbf/in <sup>2</sup> . (ii) Maintain this pressure for 10 minutes. (iii) Check for leaks, particularly in the vicinity of centre joint and hinges. No leakage is permissible.			
3. COMPLETION					
3.1 Flap tank.		(i) Empty immediately after test. (ii) Inject approximately 1 pint of avtur and fit blanks.			
					Continued Overleaf
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS					

CHAP 2 AIRFRAME

SP 148 AL 4

SHEET 2 OF 2

SERVICING PROCEDURE

F53

T55

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5A3A Section 1

2nd Edition

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throughout the work detailed on this card.

4 2 4 7 0 (INSPECTOR)

4. INSPECTION STAGE

4.1 Inspection installation.

Inspect for:

- (i) Pressurization limitations.
- (ii) Leaks as detailed in item 2.1.

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