

CHAP 2 AIRFRAME SP 148 A L 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	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		
SPECIAL TOOLS AND EQUIPMENT		
Adapter (ST11/10007). Blank (ST11/10009).		
<p>NOTE 1: This servicing procedure must be carried out with the tanks removed from aircraft.</p> <p>NOTE 2: The test in this servicing procedure must be carried out with the tank approximately in its installed attitude.</p>		
<u>42450</u>		
<p>1. PREPARATION</p> <p>1.1 Flap tank.</p> <ul style="list-style-type: none"> <li>(i) Fit adapter (ST11/10007) and blank (ST11/10009) to inboard and outboard pivot assembly positions.</li> <li>(ii) Fill with avtur.</li> </ul> <p>2. TESTING</p> <p>2.1 Flap tank.</p> <ul style="list-style-type: none"> <li>(i) Using bowser fuel pressure, apply pressure at 2 lbf/in<sup>2</sup> increments up to 8 lbf/in<sup>2</sup>.</li> <li>(ii) Maintain this pressure for 10 minutes.</li> <li>(iii) Check for leaks, particularly in the vicinity of centre joint and hinges. No leakage is permissible.</li> </ul> <p>3. COMPLETION</p> <p>3.1 Flap tank.</p> <ul style="list-style-type: none"> <li>(i) Empty immediately after test.</li> <li>(ii) Inject approximately 1 pint of avtur and fit blanks.</li> </ul>		
Continued Overleaf		
SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS		

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42470 (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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