

CHAP 1 AIRFRAME	SERVICING PROCEDURE	BAC F53 & T55 (SA)
SP 41 AL 8	F53 T55	5A3A Section 1
SHEET 1 OF 3		2nd Edition

600 Gallon Ventral Pack Rear Tank-Fitting	AFSC 43151 43270 42350 43171 42450	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		

SPECIAL TOOLS AND EQUIPMENT		ASSOCIATED PROCEDURES
Handling Trolley (26DK/NIV). BI-HEX socket (1L/9106392). Torque wrench (1C/1202795). <div style="text-align: center;"><u>42350</u></div>		
1. PREPARATION 1.1 Aircraft. Check electrical supplies prior to ventral pack fitting (SP 129(EL)). <div style="text-align: center;"><u>43171 (INSPECTOR)</u></div>		SP118(P) SP119(P) SP120(P) SP129(EL)
2. INSPECTION STAGE 2.1 Rear tank. Inspect for loose articles prior to fit. <div style="text-align: center;"><u>43151</u></div>		
3. FITTING 3.1 Handling trolley (26DK/NIV) complete with rear tank. Position.		
3.2 Aft pick-up cone fitting. Ensure free to float fore and aft.		
3.3 Rear tank. (i) Raise manually and offer up to pick-up points. (ii) Ensure engaged with cone fittings.		
3.4 Locking tube assemblies with springs and locking plates (forward and rear). (i) Fit, ensuring minimum of 6.5 turns using fingers. (ii) Torque-tighten to 450 lbf in. PLUS 50 MINUS 0 lbf in. using torque wrench (1C/1202795) and socket Bi-hex (1L/9106392)		
3.5 Handling trolley (26DK/NIV). Remove.		
NOTE: Item 2 is applicable only if centre tank is fitted.		
4. FUEL CONNEXION 4.1 Pipe Joint. (i) Remove blanks. (ii) Slide into position in rear section.		
<div style="text-align: right;">Continued Overleaf</div>		

SERVICING PROCEDURE INSPECTION STAGES DO NOT EXCLUDE ADDITIONAL INSPECTION STAGES INCORPORATED AS NECESSARY IN MAINTENANCE CERTIFICATION DOCUMENTS

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4. FUEL CONNEXION (contd)

4.2 Special clip. Fit.

5. AIR CONNEXION

5.1 Pipe ends. Remove blanks.

5.2 Connexion:

(a) Pipes. Ensure gap is 0.10 in. PLUS OR MINUS 0.02 in.

(b) Rubber sleeve. Position.

(c) Pipe connector (Part No.FRS/650/H/7). Fit.

6. FITTING

6.1 Mk6 Connector (40-Way) Rear tank access panel. Reconnect.

NOTE: Sub-item 5.2 is applicable only if centre tank is fitted.

6.2 Mk 6 Connectors. Reconnect.

7.. GENERAL

7.1 Aft fairing. Refit.

7.2 Aft centre fairing. Refit.

7.3 Forward centre fairing. Refit.

7.4 Forward fairing. Refit.

NOTE: Item 7 is applicable only if centre tank is fitted.

8. GENERAL

8.1 Cables (Contents gauging). Reconnect.

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9. GENERAL

NOTE: Items 8.1 & 8.2 are applicable only if centre tank is fitted.

9.1 Hydraulic drains. Refit.

9.2 Fairing (Between centre and rear tanks). Refit.

9.3 Access panel (Rear tank left side). Refit.

9.4 Rear fairing. Refit.

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10. TESTING

10.1 Fuel flow test. Check (SP 118 (P)).

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11. TESTING

11.1 Fuel flow test. Check (SP 119 (P)).

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12. COMPLETION.

12.1 Fuel transfer. Check (SP 120 (P)).

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