

CHAP. 1 AIRFRAME S.P. 46 A.L. 3 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Mainplane Cambered Leading-edge (right) Removal and Refit		AFSC 43151 32851 43171
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.		TIME EST
SPECIAL TOOLS AND EQUIPMENT Nil.		ASSOCIATED PROCEDURES SP104 (AC)
<u>43151</u>		
<p>1. REMOVAL</p> <p>1.1 Access panel, front face wheel compartment wall. Remove panel.</p> <p>1.2 Inward vent valve air pipe connexion. Unscrew hose clip and disconnect air pipe.</p> <p>1.3 Access panel; 160S (right). Remove</p> <p>1.4 ILS aerial. Disconnect.</p> <p>1.5 Underwing pylon electrical connector access panel. Remove.</p> <p>1.6 Pylon electrical connector. Disconnect.</p> <p>NOTE: All countersunk bolts removed in Sub-items 1.7 to 1.9 inclusive must be identified for refitting in their original positions.</p> <p>1.7 Countersunk bolts (closing panels on Ribs 4 and 10). } Remove.</p> <p>1.8 Countersunk bolts (main section). }</p> <p>1.9 Countersunk bolts (outboard section). }</p> <p>1.10 Special bolt (Part No. EB2-20-7877) (top surface). }</p> <p>1.11 Leading-edge. }</p>		
Continued Overleaf		

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2. FLYING CONTROLS

2.1 Aileron control rods, roller guides and sealed bearings at mainplane leading edge. Examine control rods for wear and ensure that rollers are free to rotate.

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3. GENERAL

3.1 Spar 1 structure and fittings. Examine, for signs of the following:-

3.2 Leading-edge section vent pipe and conduit.

- (a) Insecure (unsafe) attachment.
- (b) Cracks or fractures.
- (c) Corrosion, contamination or deterioration.
- (d) Distortion.
- (e) Loose or missing rivets.
- (f) Chafing, fraying, scoring or wear.
- (g) Faulty or broken locking devices.
- (h) Loose clips, loose packing, obstruction of pipelines, leaks from pipelines.
- (i) External damage.
- (j) Overheating or leaking of fluids. There may be discolouration.

4. EXAMINATION

4.1 Anchor nuts leading edge spar 1. (010723 ELER). Examine particularly for damage and security of attachment.

Not applicable when in phase with PE 225.

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5. INSPECTION STAGE

5.1 Inspect. Visually, prior to fitting leading-edge.

Continued

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6. FITTING

- 6.1 Leading-edge outboard section. Refit.
- 6.2 Pylon electrical connector. Connect.
- 6.3 Under-wing pylon electrical connector access panel. Refit.

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7. FITTING

- 7.1 ILS aerial. Reconnect (SP 104 (AC)).
- 7.2 Access panel, 160S (Right). Refit.

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8. FITTING

- 8.1 Leading edge main section. Refit.
- 8.2 Closing Panels (Ribs 4 and 10). Refit.

9. GENERAL

- 9.1 Inward vent valve air pipe connexion. Reconnect.

10. FITTING

- 10.1 Closing panel (Wheel compartment wall). Refit.

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11. GENERAL

- 11.1 ILS installation. Test (SP 104 (AC)).

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