

CHAP. 1 AIRFRAME. S.P. 45 A.L. 3 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Mainplane Cambered Leading-edge (Left) 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 SP 104 (AC)
<u>43151</u>		
<p>1. REMOVAL</p> <p>1.1 Access panel, front face wheel compartment wall. Remove forward half of panel.</p> <p>1.2 Inward vent valve air pipe connexion. Unscrew hose clip and disconnect air pipe.</p> <p>1.3 Access panel; 16OP (left). 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). } 1.8 Countersunk bolts (main section). } 1.9 Countersunk bolts (outboard section). } Remove. 1.10 Special bolt (Part No. EB2-20-7877) (top surface). 1.11 Leading-edge.</p>		
Continued Overleaf		

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SP 45 AL 9	F53	5A3A Section 1
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## 43171 (INSPECTOR)

### 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.

## 43151

### 3. GENERAL

3.1 Spar 1 structure and fittings.

3.2 Leading-edge section vent pipe and conduit.

Examine, for signs of the following:-

- (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.

## 43151

### 4. EXAMINATION

4.1 Anchor nuts leading edge spar 1.  
(010623 ELER)

Examine particularly for damage and security of attachment.

Not applicable when in phase with PE 225.

## 43171 (INSPECTOR)

### 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 Access panel underwing pylon electrical connector. Refit.

32851

7. FITTING

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

43151

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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