

CHAP 4 AIRFRAME SP 409 AL 9 SHEET 1 OF 3	SERVICING PROCEDURE F53 T55	BAC F53 & T55 (SA) 5A3A Section 1 2nd Edition
Aircraft - Cleaning and Polishing	AFSC	TIME EST
Safety and Servicing Notes are to be complied with throughout the work detailed on this card.	43151 43250 53550 53450	
SPECIAL TOOLS AND EQUIPMENT		ASSOCIATED PROCEDURES
Compound Cleaning Aircraft Surface 33D/2204399.		SP131(P)
<p>NOTES: 1. Ensure cleaning brushes and cleaning compound do not come into contact with transparencies.</p> <p>2. Fluid is to be prevented from entering internal structure. If entry does occur the contaminated area is to be cleaned and dried.</p> <p>3. Cleaning compound is to be thoroughly rinsed from aircraft using fresh water, paying particular attention to crevices.</p> <p>4. Care is to be taken to avoid contamination of undercarriage mechanisms with washing compounds and water.</p> <p>5. The Operator must use barrier cream and wear eye shields.</p>		
43151/53550		
1. PREPARATION		
1.1 Canopy.	<ul style="list-style-type: none"> <li>(i) Close.</li> <li>(ii) Inflate canopy seal.</li> </ul>	
1.2 Aircraft.	<ul style="list-style-type: none"> <li>(i) Fit blanks and mask off apertures, taking particular note to mask off panels 21P (left) and 21S (right) top edge of gun doors (F53) and gun gas vents to prevent ingress of cleaning fluid.</li> <li>(ii) Fit static vent plugs.</li> </ul>	
1.3 Wheels.	<ul style="list-style-type: none"> <li>Fit and secure Polythene covers.</li> </ul>	
2. WASHING		
2.1 Aircraft external skin surface.	<ul style="list-style-type: none"> <li>(i) Wash, using cleaning fluid DTD 5507B(33B/2204399) (9 pints of water to 1 pint of cleaning fluid).</li> </ul>	
43250		
3. PREPARATION		
<p>NOTE: Sub-item 3.1 is only applicable when in-phase with PE 225/450.</p> <p>3.1 Air turbine gear box.</p>		
<p>Carry out SP 131 (P).</p>		Continued Overleaf

CHAP 4 AIRFRAME  
SP 409 AL 9  
SHEET 2 OF 3

SERVICING PROCEDURE  
F53 T55

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5A3A Section 1  
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43151/53550

NOTE: Item 4 is applicable only when in Phase with PE225  
Dock Servicing.

4. WASHING

4.1 Undercarriage compartment Wash.  
(Left).

4.2 Undercarriage compartment. Wash.  
(Right).

4.3. Undercarriage compartment. Wash.  
(Nose).

4.4 No.1 Engine compartment. Wash and de-grease.

4.5 No.2 Engine compartment. Wash and de-grease.

4.6 No.1 Jet pipe compartment. Wash and de-grease.

4.7 No.2 Jet pipe compartment. Wash and de-grease.

5. COMPLETION

5.1 Aircraft. (i) Remove blanks and masking.  
(ii) Remove static vent plugs.

5.2 Canopy. (i) Deflate seal.  
(ii) Open.

5.3 Wheels. Remove covers.

6. CLEANING.

6.1 Cockpit instruments. Clean with soft brush.

6.2 Mechanisms mounted on rear pressure bulkhead. Clean with soft brush.

6.3 Canopy locking mechanism. Clean with dry brush.

6.4 Cockpit floor. Vacuum.

7. POLISH AND EXAMINE

7.1 Aircraft external skin surface. (i) Polish entire surface with wadpole.  
(ii) Polish clean with dry mutton cloth.

Continued

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SP 409 AL 9	F53 T55	5A3A Section 1
SHEET 3 OF 3		2nd Edition

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43151/53550

8. POLISH AND EXAMINE (Contd)

8.1 Aircraft external skin surface (contd). (iii) Examine particularly for corrosion and scuffing.

53550

NOTE: Item 9 is applicable only where light scratches are found in Sub-item 8.1 (iii) that do not penetrate skin cladding.

9. RECTIFICATION

9.1 Affected skin area. (i) Etch prime.  
(ii) Apply filler.  
(iii) Finish to DTD 399.

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NOTE: Item 10 is applicable only where deeper scratches are found in Sub-item 8.1 (iii) that are beyond the limits detailed in Sub-item 9.1.

10. RECTIFICATION

10.1 Affected skin area. Repair in accordance with repair manual or repair scheme supplied by British Aerospace, Saudi Technical Support Dept., Warton, Lancs.



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