

CHAPTER 1
COMPONENT REPLACEMENTS

AIRFRAME

COMPONENT REPLACEMENTS

LIST OF CONTENTS

SP NO.	TITLE
1	Mainwheel - Removal and Fitting.
2	Brake Unit - Removal and Fitting.
3	Maxaret Unit - Removal and Fitting.
4	Brake Parachute - Removal.
5	Canopy - Removal.
6	Canopy - Fitting.
7	Tailplane Auto-stabilizer Actuator - Removal.
8	Tailplane Auto-stabilizer Actuator - Fitting.
9	No.2 Engine Hatch - Removal.
10	No.2 Engine Hatch - Fitting.
11	Tailplane Hinge Spigot Inner and Outer Bearings - Removal, Lubrication and Re-assembly.
12	Tailplane Hinge Spigot Inner and Outer Bearings - Fitting
13	Renewal of Wing Centre Lower Joint Straps.
14	Cold Air Unit (CAU).
15	Auto-stabilizer Filters (Aileron, Rudder and Tailplane).
16	Rudder Power Flying Control Jack - Removal.
17	Rudder Power Flying Control Jack - Fitting.
18	Rudder - Removal.
19	Rudder - Fitting.
20	Rudder Flutter Damper - Replacement.
21	Aileron Powered Flying Control Unit - Removal.
22	Aileron Powered Flying Control Unit - Fitting.
23	Trailing-edge Flaps.
24	Aileron Auto-stabilizer Actuator - Removal.
25	Aileron Auto-stabilizer Actuator - Fitting.
26	Rudder Auto-stabilizer Actuator - Removal.
27	Rudder Auto-stabilizer Actuator - Fitting.
28	Canopy Internal and External Jettison Cables - Replacement and Adjustment.
29	Not allocated.
30	Aileron Auto-stabilizer Actuator Pick-up Link - Replacement.
31	Not allocated.
32	Leading-edge Fuel Tank - Removal and Fitting.
33	No.2 Engine Hatch - Hinging.
34	No.2 Engine Hatch - Fitting After Hinging.
35	Main Undercarriage Toggle Centre Pin - Replacement.
36	Main Undercarriage Top and Bottom Toggles - Replacement.
37	Tailplane Trim Actuator.
38	600 Gallon Ventral Pack Engine Hatch Tank - Removal.
39	600 Gallon Ventral Pack Engine Hatch Tank - Fitting.
40	600 Gallon Ventral Pack Rear Tank - Removal.
41	600 Gallon Ventral Pack Rear Tank - Fitting.
42	600 Gallon Ventral Pack Centre Tank - Removal.
43	600 Gallon Ventral Pack Centre Tank - Fitting.
44	Tailplane Powered Flying Control Unit - Type 455.
45	Mainplane Cambered Leading-edge (Left).
46	Mainplane Cambered Leading-edge (Right).
47	Not Allocated.

Chapter 1.
Sheet 2.

SERVICING PROCEDURES
LIGHTNING AIRCRAFT
AIRFRAME

BAC F53 & T55 (SA)
5A3A Section 1
2nd Edition
A.L.8

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48	Arrestor Hook and Blade - Removal.
49	600 Gallon Ventral Pack Engine Hatch Tank Gun Pack - Removal.
50	600 Gallon Ventral Pack Engine Hatch Tank Gun Pack - Fitting.
51	Brake Cable - Replacement (F53).
52	Brake Cable - Replacement (T55).
53	Undercarriage D-door Jack Shuttle Valve - Removal and Fitting.
54	600 Gallon Ventral Pack Centre Tank - Removal - Aircraft fitted with hatch tank gun pack.
55	Nose Undercarriage Retraction Jack - Removal.
56	Nose Undercarriage Retraction Jack - Fitting.
57	Rudder Spring Feel Unit Removal and Fitting.
58	600 Gallon Ventral Pack Centre Tank - Fitting - Aircraft fitted with Hatch Tank Gun Pack.
59	Cabin Pressure Controller - Replacement (F53)
60	Main Undercarriage Leg Fitting, POST MOD 9450 Jack Bracket - Bolt Replacement.
61	Main Undercarriage Shock Absorber - Replacement.
62	Control Column Handle - Replacement
63	Combined Valve Unit - Replacement.
64-100	Not Allocated.



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