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Hunter F. Mk. 4
Issued with A.L.16

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TAIL UNIT—RUDDER

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Score	Place No.
182	D.183796	RUDDER, GROUP (Less Rotax actuator) (Pre Mod. 91) (known as D.183796/A)	1	—	A.	
7986	D.207582	RUDDER, GROUP (Mod. 91) (Complementary parts, e.g., intercomponent attachments, are listed on Page PE.1, and will not be supplied with the assembly spare)	1	—	A.	PC.2(4)
	C.184113	Actuator, trim tab, group (Pre Mod. 91) ...	1	—		
	A.184138	Actuator, group	1	—		
		Consisting of:—				
5W/310	Rotax C.5021/2	Actuator	1	—	A.	
5X/2266	—	Tag	4	—	C.	
5X/2269	—	Thimble	4	—	C.	
	F.184119	Bracket	1	—		
194	A.184120	Cable, indicator, group ...	1	—	B.	PC.2
		Consisting of:—				
	29H/1866	Cable	1	—	C.	
	29H/1878	Casing	1	—	C.	
	29H/1893	Ferrule	1	—	C.	
	6173	Guard, for cable	1	Spg. Steel Wire	C.	
	29H/1176	Nipple	1	—	C.	
	F.189497	Nipple	1	B.11		
	Bowden					
29H/	AU.783	Stop	1	—	C.	
3980	A.196923	Cover, group ...	1	—	C.	PC.2
	F.176056	Bush	2	S.96.B		
	3981	Eccentric	1	BSS.369	C.	PC.2
197	F.176058	Lever	1	—	C.	PC.2
198	A.184114	Mounting	1	Stamping	C.	PC.2
199	F.183854	Screw	4	S.95.B	C.	PC.2
1594	B.186553	Shaft, operating	1	—	C.	PC.2
200	F.184922	Washer, sealing	1	Rubber	C.	PC.2
3982	F.197032	Washer, sealing	1	DTD.610	C.	PC.2
1596	—	Bearing, top, group (D.183796 or D.207582) ...	1	—	C.	PC.2
		Consisting of:—				
	A.177979	Block, bearing } Not supplied separate	1	Stamping		
	A.177978	Cap, bearing }	1	Stamping		
1597	—	Bearing, bottom, group (D.183796 or D.207582) ...	1	—	C.	PC.2
		Consisting of:—				
	A.177977	Block, bearing } Not supplied separate	1	Stamping		
	A.177976	Cap, bearing }	1	Stamping		
	F.183594	Block, spacer	1	—		
1598	Std.1553/C/30	Bolt, attachment of lever	4	S.99.B	C.	4
1599	F.186349	Bolt, attachment of top bearing cap	2	S.1	C.	PC.2
1600	F.186350	Bolt, attachment of lower bearing cap	2	S.1	C.	PC.2
1601	Std.1639/3CX	Bolt, attachment of bearing blocks to spar ...	4	S.95.B	C.	5
5664	Std.1639/4CX	Bolt, attachment of bearing blocks to spar (Mod. 450) ...	4	S.95.B	C.	4
9411	F.213724	Bolt, special connection of trim tab shaft (Mod. 91) ...	1	S.96.B	C.	PC.2(4)

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Ref. No.	Part No.	Description	No. Off	Material Specification	M.R.	Plate No.
					Class of Score	
		1 2 3 4 5				
	B.188809	Channel, sub, spar (Pre Mod. 91)	1	DTD.610		
	B.214414	Channel, sub, spar (Mod. 91)	1	L.72		
2863	A.184335	Diaphragm, at rib No. 4, between main and sub spars	1	DTD.610	MR/C	PC.1
2864	F.183758	Diaphragm, at rib No. 3, between main and sub spars	1	DTD.610	MR/C	PC.1
2865	A.183759	Diaphragm, upper, aft of lever, between main and sub spars	1	DTD.610	MR/C	PC.1
2866	A.183760	Diaphragm, lower, aft of lever, between main and sub spars	1	DTD.610	C.	PC.1
	A.185826	Duct, cable	1	L.54		
	A.177975	Lever, operating	1	Stamping		
	B.183591	Member, top edge	1	L.53		
201	B.184440	Panel, access for trim tab actuator (Pre Mod. 91) ...	1	—	C.	PC.2
9409	B.203279	Panel, nosing (Mod. 91)	1	L.72	C.	PC.2(4)
4139	F.198739	Pin, for attachment of trim tab to actuator (Pre Mod. 91)	1	St. Steel	C.	PC.2
9410	Std.1221Z.A25	Pin (Mod. 91)	1	St. Steel	C.	PC.2(4)
2867	F.148758	Plate, locating, on lower hinge bearing cap ...	2	DTD.610	MR/C	PC.2
2868	F.165348	Plate, locating, on lower hinge bearing block ...	2	L.40 or DTD.364	MR/C	PC.2
	C.183881	Nosing, assembly	1	—		
2878	A.184196	Bracket, mounting lower, for lower channel ...	1	S.3	MR/C	PC.2
2877	A.184195	Bracket, mounting upper, for lower channel ...	1	S.3	MR/C	PC.2
2876	A.184194	Bracket, mounting lower, for channel between ribs No. 4 and 5	1	S.3	MR/C	PC.2
2875	A.184193	Bracket, mounting upper, for channel between ribs No. 4 and 5	1	S.3	MR/C	PC.2
2874	A.184192	Bracket, mounting lower, for channel between ribs No. 5 and 6	1	S.3	MR/C	PC.2
2873	A.184191	Bracket, mounting upper, for channel between ribs No. 5 and 6	1	S.3	MR/C	PC.2
2869	F.184187	Bracket, mounting lower, for channel between ribs No. 8 and 9	1	S.3	MR/C	PC.2
2879	B.184423	Channel, mounting for balance weight, between ribs No. 1 and 2	1	DTD.610	MR/C	PC.2
2880	B.184422	Channel, mounting for balance weight, between ribs No. 4 and 5	1	DTD.610	MR/C	PC.2
2881	B.184421	Channel, mounting for balance weight, between ribs No. 5 and 6	1	DTD.610	MR/C	PC.2
2883	B.184419	Channel, mounting for balance weight, between ribs No. 8 and 9	1	DTD.610	MR/C	PC.2
	F.217958	Channel	1	L.72		PC.2(4)
2884	D.184080/2	Skin, bottom	1	DTD.610	MR/C	PC.2
2885	D.184080/1	Skin, top	1	DTD.610	MR/C	PC.2
4283	F.183706	Stop	1	DTD.364	MR/C	PC.2
	A.217920 or A.217921	Weight, mass balance (12 oz.)	1	Lead		PC.2(4)
		Weight, mass balance (14 oz.)	1	Lead		PC.2(4)
4292	F.186644	Packing, between actuator and spar (Pre Mod. 91) ...	3	DTD.610	MR/C	PC.2
2887	C.183466	Rib, No. 1	1	DTD.610	MR/C	PC.1
2888	C.183467	Rib, No. 2	1	DTD.610	MR/C	PC.1
2889	B.183468	Rib, No. 3 (Angle F.188811 wired on) ...	1	DTD.610	MR/C	PC.1
2890	B.183469	Rib, No. 4 (Angle F.188811 wired on) ...	1	DTD.610	MR/C	PC.1
2891	C.183470	Rib, No. 5	1	DTD.610	MR/C	PC.1
2892	C.183471	Rib, No. 6	1	DTD.610	MR/C	PC.1
2893	B.183472	Rib, No. 7	1	DTD.610	MR/C	PC.1
2894	C.183473	Rib, No. 8 (Angle F.183480 wired on) ...	1	DTD.610	MR/C	PC.1
2895	B.183474	Rib, No. 9	1	DTD.610	MR/C	PC.1
2896	B.183475	Rib, No. 10	1	DTD.610	MR/C	PC.1
2897	F.183691	Rib, nose, bottom	1	DTD.610	MR/C	PC.1
2898	F.183692	Rib, nose, below lower hinge	1	DTD.610	MR/C	PC.1

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		1	2	3	4	5				
2899	F.183693	Rib, nose, between lower hinge	1	DTD.610	MR/C	PC.1
2900	A.183694	Rib, nose, above lever	1	S.3	MR/C	PC.1
	A.203277	Rib, nose, above trim tab shaft attachment (Mod. 91)	...	...	...	...	1	L.72		PC.1
	A.203278	Rib, nose, below trim tab shaft attachment (Mod. 91)	...	...	...	...	1	L.72		PC.1
2901	A.183695	Rib, nose, at rib No. 4	...	...	...	...	1	S.3 and DTD.610	MR/C	PC.1
2902	F.183696	Rib, nose, between ribs No. 4 and 5	...	...	...	...	1	DTD.610	MR/C	PC.1
2903	F.183697	Rib, nose, at rib No. 5	...	...	...	...	1	DTD.610	MR/C	PC.1
2904	F.183698	Rib, nose, lower, at rib No. 6	...	...	...	...	1	DTD.610	MR/C	PC.1
2905	F.183699	Rib, nose, upper, at rib No. 6	...	...	...	...	1	DTD.610	MR/C	PC.1
2906	F.183700	Rib, nose, between ribs No. 6 and 7	...	...	...	...	1	DTD.610	MR/C	PC.1
2907	F.183701	Rib, nose, below upper hinge	...	...	...	...	1	DTD.610	MR/C	PC.1
2908	F.183702	Rib, nose, at rib No. 8	...	...	...	...	1	DTD.610	MR/C	PC.1
2909	F.183703	Rib, nose, at rib No. 9	...	...	...	...	1	DTD.610	MR/C	PC.1
2910	F.183704	Rib, nose, at rib No. 10	...	...	...	...	1	DTD.610	MR/C	PC.1
2911	A.183568	Section, trailing edge, between ribs No. 1 and 2	...	...	...	...	1	—	MR/C	PC.1
2912	B.183569	Section, trailing edge, between rib No. 5 and top edge member	...	...	...	...	1	—	MR/C	PC.2
	B.203272	Shaft, operating trim tab, group (Mod. 91)	...	...	...	...	1	—		PC.2(4)
28R/13507	Hoffman CF2.A	End, rod	...	...	...	...	1	—	A.	
4293	F.198635	Shim, for actuator mounting (Pre Mod. 91)	...	...	...	...	1	Aluminium	MR/C	PC.2
2913	D.183796/1	Skin, port (Pre Mod. 91)	...	...	...	...	1	L.72	MR/B	PC.2
	D.207582/1	Skin, port (Mod. 91)	...	...	...	...	1	L.72		PC.2(4)
2914	D.183796/2	Skin, starboard (Pre Mod. 91)	...	...	...	...	1	L.72	MR/B	PC.2
	D.207582/2	Skin, starboard (Mod. 91)	...	...	...	...	1	L.72		PC.2(4)
	D.183612	Spar, main (Pre Mod. 91)	...	...	...	...	1	L.72		
	D.214411	Spar, main (Mod. 91)	...	...	...	...	1	L.72		
2915	A.183757	Spar, sub, forward, between ribs No. 1 and 2	...	...	...	...	1	DTD.610	MR/C	PC.1
2916	C.183756	Spar, sub, forward, between ribs No. 2 and 5	...	...	...	...	1	DTD.610	MR/C	PC.1
2917	A.183571	Spar, sub, forward, between ribs No. 7 and 8	...	...	...	...	1	DTD.610	MR/C	PC.1
2918	A.183570	Spar, sub, forward, between ribs No. 8 and 9	...	...	...	...	1	DTD.610	MR/C	PC.1
2919	A.183511	Spar, sub, aft, between ribs No. 1 and 2	...	...	...	...	1	DTD.610	MR/C	PC.1
2920	C.188808	Spar, sub, aft, between ribs No. 2 and 5, at trim tab (Angle F.188812 wired on) (Pre Mod. 91)	...	...	...	...	1	DTD.610	MR/C	PC.1
	C.214410	Spar, sub, aft, between ribs 2 and 5 at trim tab (Angle F.188812 wired on) (Mod. 91)	...	...	...	...	1	L.72		PC.1
2921	A.183509	Spar, sub, aft, between ribs No. 5 and 6	...	...	...	...	1	DTD.610	MR/C	PC.1
2922	A.183508	Spar, sub, aft, between ribs No. 6 and 7	...	...	...	...	1	DTD.610	MR/C	PC.1
2923	A.183507	Spar, sub, aft, between ribs No. 7 and 8	...	...	...	...	1	DTD.610	MR/C	PC.1
2924	A.183506	Spar, sub, aft, between ribs No. 8 and 9	...	...	...	...	1	DTD.610	MR/C	PC.1
2925	A.183505	Spar, sub, aft, between ribs No. 9 and 10	...	...	...	...	1	DTD.610	MR/C	PC.1
2926	C.183884	Stiffener, port	...	...	...	...	1	DTD.610	MR/C	PC.1
2927	C.183885	Stiffener, starboard	...	...	...	...	1	DTD.610	MR/C	PC.1
2928	F.183572	Strap, butt, at nosing assembly skin joints	...	...	...	...	2	DTD.610	MR/C	PC.2
2929	C.184057	Tab, trim, complete (Pre Mod. 91)	...	...	...	...	1	—	MR/C	PC.2
7987	C.207584	Tab, trim (Mod. 91)	...	...	...	...	1	—	B.	PC.2(4)
3814	Std.1547/26/18	Washer, for operating lever fixings	...	...	...	...	4	DTD.610	MR/C	4
4254	F.184538	Washer, tab, for balance weight fixings	...	...	...	...	8	DTD.171	MR/C	PC.2
4291	Std.914/B14	Washer, for actuator attachment to main spar (Pre Mod. 91)	...	...	...	...	1	S.1	MR/C	4
4255	A.184130	Weight, balance, between ribs No. 1 and 2	...	...	...	...	1	—	MR/C	PC.2
4256	A.184128	Weight, balance, between ribs No. 4 and 5 (Pre Mod. 91)	...	...	...	...	1	—	MR/C	PC.2
	A.202802	Weight, balance, between ribs 4 and 5 (Mod. 91)	...	...	...	...	1	—		PC.2(4)
4257	A.184127	Weight, balance, between ribs No. 5 and 6 (Pre Mod. 91)	...	...	...	...	1	—	MR/C	PC.2
	A.202803	Weight, balance, between ribs 5 and 6 (Mod. 91)	...	...	...	...	1	—		PC.2(4)
4258	C.198285	Weight, balance, between ribs No. 6 and 7	...	...	...	...	1	—	MR/C	PC.2
4259	A.184125	Weight, balance, between ribs No. 8 and 9	...	...	...	...	1	—	MR/C	PC.2
4260	A.184129	Weight, balance, on access door for actuator (Pre Mod. 91)	1	—	MR/C	PC.2
	D.226217	RUDDER, SPECIAL, FOR AEROBATIC AIRCRAFT (Mod. 692)	1	—		

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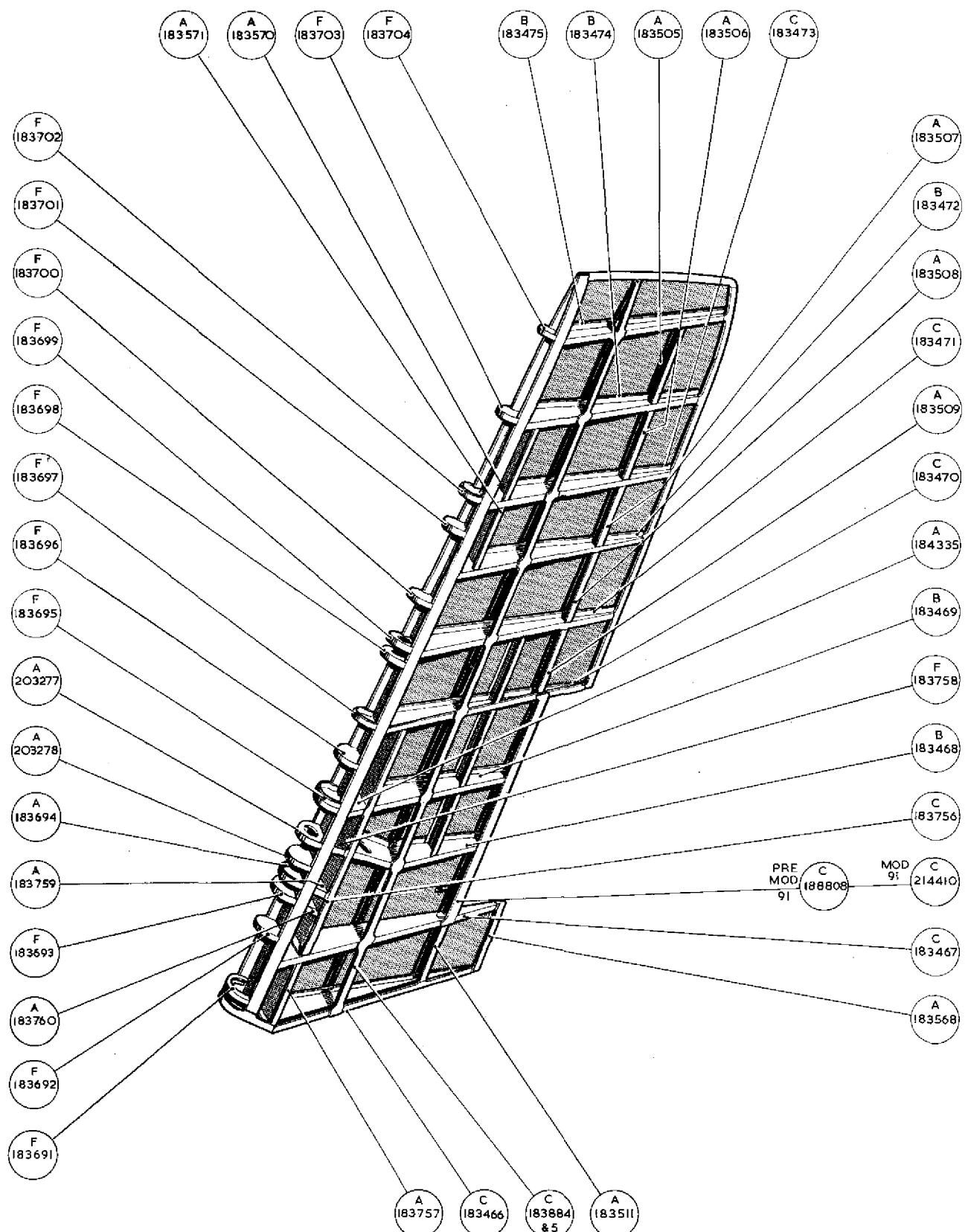
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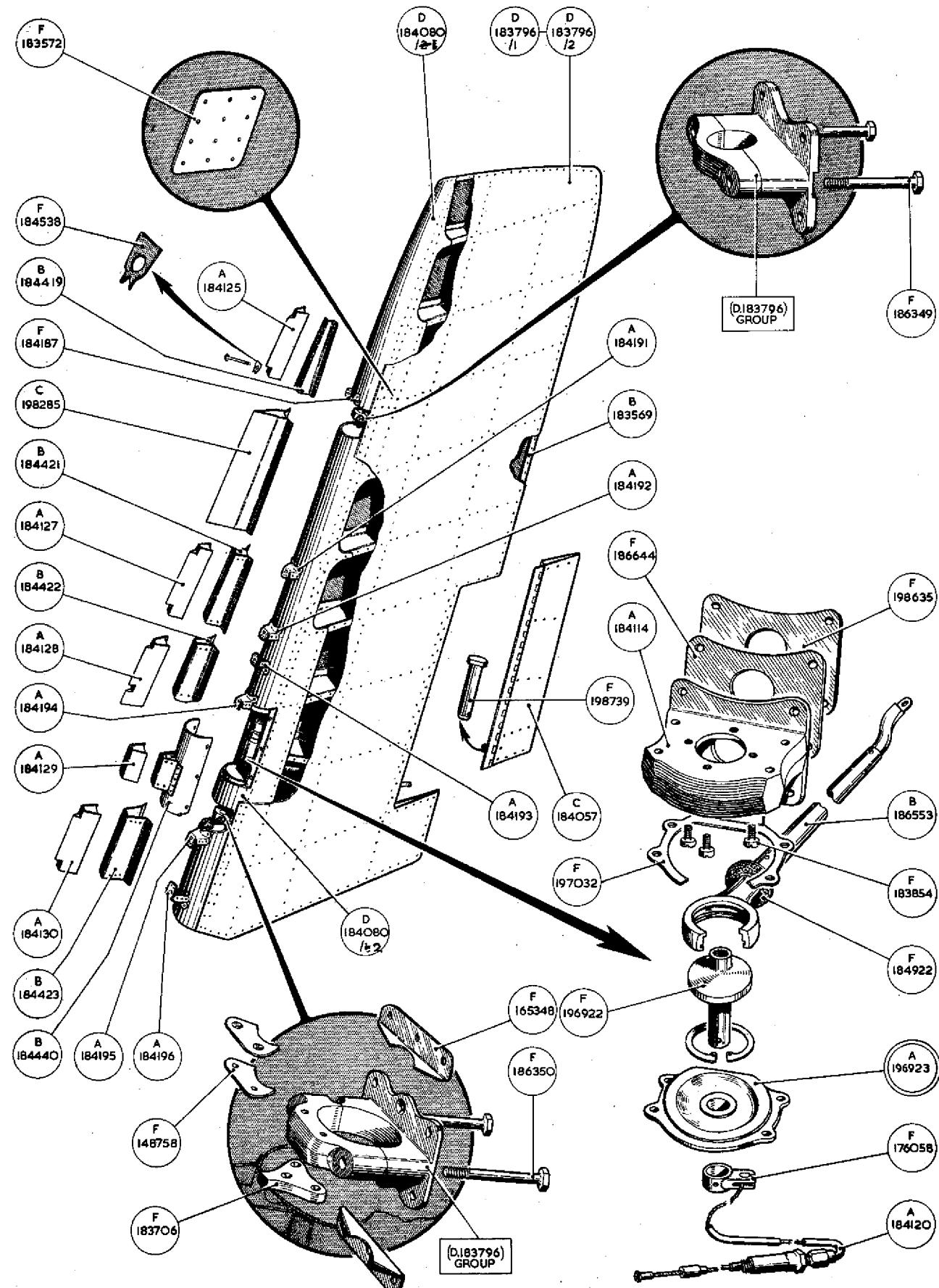
Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Plate No.
		1	2	3	4	5				

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Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Plate No.
		1	2	3	4	5				
SUMMARY OF STOCK ITEMS										
28D/12512	A.15.1C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12513	A.25.2C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12534	A.25.9C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12538	A.25.15C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12539	A.25.16C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/12630	A.25.19C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/8306	AS.1242/1C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28D/8307	AS.1242/2C	Bolt, 2 B.A.	...	...	...	...	...	...	—	—
28N/12606	AGS.2030/43	Circleclip ...	...	...	...	...	...	...	—	—
28M/10327	AGS.2002/B1	Nut, 4 B.A.	...	...	...	...	...	...	—	—
28M/12929	A.27.CP	Nut, 2 B.A.	...	...	...	...	...	...	—	—
28M/12930	A.27.ES	Nut, 1" B.S.F.	...	...	...	...	...	...	—	—
28P/12587	SP.9.C4	Pin, split	—	—
28P/1247	AGS.213/3	Pin, taper	—	—
28W/12355	SP.16.C	Washer, 2 B.A.	—	—





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