SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description (1 2 3 4 5)	No. Off	Material Specification	M.R. Class of Store	Plate No.
	E.234167-8	HYDRAULIC EQUIPMENT IN WINGS, ASSEMBLY (Mod. 811)	—	—		
23 27QM/4117998	Dowty 08394Y-A.02	Accumulator, unit	1	—	A.	
1929	F.180037	Adaptor, bleed screw	2	DTD.364	C.	NH.1
4582	F.201231	Adaptor, bleed screw	2	—	C.	NH.1
1931	F.144413	Adaptor, 3/8" cone to 1/4" hose	2	L.1	C.	NH.1
2082	F.196060	Block, clamp, at interspar ribs "A" and "C"	5	LFS.21	C.	
2094	F.196061	Block, clamp, at interspar rib "A"	1	LFS.21	C.	
2052	F.194338	Block, clamp, on sub spar, front spar, undercarriage girder and ribs "C", "D", and "E"	21	LFS.21	C.	
2053	F.194339	Block, clamp, on sub spar and ribs "D", "E" and "F1"	13	LFS.21	C.	
3901	F.194724	Block, clamp, on bottom skin, port	2	LFS.21	C.	
3903	F.194874	Block, clamp, on port interspar rib "A"	2	LFS.21	C.	
3904	F.196078	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
3905	F.196092	Block, clamp, on port interspar rib "E", and starboard front spar	5	LFS.21	C.	
3906	F.196069	Block, clamp, on interspar rib "D"	1	LFS.21	C.	
3907	F.196070	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
8305	F.215471	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
8306	F.215472	Block, clamp, on port interspar rib "D"	1	LFS.21	C.	
2083	F.196073	Block, clamp, on interspar rib "D" and undercarriage girder	5	LFS.21	C.	
3910	F.196081	Block, clamp, on port interspar rib "C"	2	LFS.21	C.	
8302	F.206022	Block, clamp, on interspar rib "E"	2	LFS.21	C.	
3913	F.195831	Block, clamp, on top skin	2	LFS.21	C.	
3914	F.196066	Block, clamp, on starboard interspar rib "A"	2	LFS.21	C.	
3915	F.194932	Block, clamp, on starboard interspar rib "C"	2	LFS.21	C.	
3916	F.196094	Block, clamp, on starboard interspar rib "C"	2	LFS.21	C.	
3917	F.196067	Block, clamp, on starboard interspar rib "D"	2	LFS.21	C.	
2079	F.196064	Block, clamp, on sub spars and rib "D"	10	LFS.21	C.	
5136	A.199970	Block, clamp, on port rib "S"	1	LFS.21	C.	
5137	A.199971	Block, clamp, on starboard rib "S"	1	LFS.21	C.	
3919	F.196068	Block, clamp, on front spar	1	LFS.21	C.	
3920	F.196093	Block, clamp, on bottom skin	2	LFS.21	C.	
8301	F.206023	Block, clamp, on interspar rib "E"	2	LFS.21	C.	
8309	F.215478	Block, clamp, on interspar rib "F"	2	LFS.21	C.	
4585	F.202581	Block, clamp, on inboard diaphragm	2	LFS.21	C.	
4586	F.202582	Block, clamp, on inboard diaphragm	2	LFS.21	C.	
5139	F.203396	Block, clamp, on port interspar rib "A"	2	LFS.21	C.	
5140	F.204355	Block, clamp, on port interspar rib "A"	1	LFS.21	C.	
5141	F.204356	Block, clamp, on port interspar rib "A"	1	LFS.21	C.	
	F.216872	Block, clamp, on interspar rib "D"	2	LFS.21		
8310	F.217880	Block, clamp, on interspar rib "E"	1	LFS.21	C.	
5142	F.204833	Block, clamp, on port interspar rib "E"	1	LFS.21	C.	
5143	F.204834	Block, clamp, on port interspar rib "E"	1	LFS.21	C.	
5144	F.205014	Block, clamp, on port interspar rib "E"	4	LFS.21	C.	
5145	F.204189	Block, clamp, on port interspar rib "D"	2	LFS.21	C.	
5146	F.204830	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
5147	F.204831	Block, clamp, on port interspar rib "B"	1	LFS.21	C.	
5148	F.204868	Block, clamp, between interspar ribs "M" and "L"	2	LFS.21	C.	
4583	F.202489	Block, clamp, on port interspar rib "F1"	1	LFS.21	C.	
2081	F.195583	Block, clamp, on interspar rib "D"	2	LFS.21	C.	
2072	F.193854	Block, clamp, on interspar rib "F"	2	LFS.21	C.	
4584	F.202490	Block, clamp, on port interspar rib "F1"	1	LFS.21	C.	
5149	F.204957	Block, clamp, on top skin	1	LFS.21	C.	
5150	F.205916	Block, clamp, on top skin	1	LFS.21	C.	
5151	F.204687	Block, clamp, on undercarriage girder	1	LFS.21	C.	
5152	F.204867	Block, clamp, on undercarriage girder	1	LFS.21	C.	
	F.216870	Block, clamp, on interspar rib "D"	2	LFS.21		
8085	F.214887	Block, clamp, for air pipe	2	LFS.21	C.	

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Ref. No.	Part No.	Description (1 2 3 4 5)	No. Off	Material Specification	M.R. Class of Store	Plate No.
	F.214114	Block, clamp, on starboard interspar rib "D"	2	LFS.21		
5154	F.204869	Block, clamp, on starboard interspar rib "E"	2	LFS.21	C.	
5479	F.203959	Bracket, for clamp blocks on rib "C"	1	L.72	C.	NH.1
10156	A.215212	Bracket, mounting, for filter unit	1	—	C.	
5155	B.201084	Bracket, mounting, for accumulator on starboard rib "F"	1	S.3	C.	NH.1
	A.205865	Channel, on rib "S"	2	—	—	
4873	F.201509	Clamp, support pipe on tail rib "G"	3	S.3	MR/C	NH.1
9421	F.215214	Clip, attachment, filter unit	1	—	C.	
1047	F.187998	Clip, shuttle valve attachment, rib "D" starboard	1	S.3	C.	NH.1
1048	F.188356	Clip, shuttle valve attachment on interspar rib "F", port	1	S.3	C.	NH.1
1883	F.193723	Clip, for throttling valve	1	S.3	C.	NH.1
5156	A.201085	Clip, half, for accumulator mounting	2	S.511	C.	NH.1
—	F.217579	Clip, for pipe on interspar rib "D" (Make from 30B/1734)	2	L.72	—	
4146	F.193863	Clip, securing reducing valve	1	S.84	C.	NE.1
3734	Std.840/14	Clip, for earthing connector on ribs "A", "C" and "E"	2	DTD.610	C.	4
	Std.850/32	Clip, securing pipes between ribs "A" and "B"	2	DTD.610		4
9663	Std.2045/19/24	Clip, securing pipes on interspar rib "C"	1	—	C.	6
9664	Std.2045/22/24	Clip, securing pipes on interspar rib "D"	1	—	C.	6
5157	Std.1959/1	Clip, supporting pipe	1	S.3	C.	5
5481	F.204992	Clip, supporting pipe on undercarriage girder	1	S.3	MR/C	NH.1
27KF/1445575	Fairey BH.2175	Filter, unit (For spares see AP.4515P, Vol. 3) (Mod. 1307)	1	—	A.	
3 6A/2237916	—	Gauge, pressure, Mk. 14.LL	1	—	A.	
3 13567	Aeroquip SA.7670021 -002	Hose, flexible, 1/8" at aileron booster (Mod. 1424)	2	—	LM	
		Consisting of:—				
3 28F/5398380	SA.26073	Fitting, end	2	—	C.	
3 28F/5398381	SA.76378-C	Fitting, end	2	—	C.	
3 32C/0281350	AE.246-4	Hose	2	—	C.	
3 32C/1396964	AQ.710-8	Sleeve	Q.R.	—	C.	
27BA/4111012	Auto Prod. AVX.4452/22.5	Hose, flexible, 1/8" at aileron booster (Alt. to 27VA/6115821) (Mod. 1274) (Pre Mod. 1424)	2	—	C.	
27VA/6115821	Dunlop 2/W14/261/8 /8/22.5	Hose, flexible, 1/8" at aileron booster (Alt. to 27BA/4111012) (Pre Mod. 1424)	2	—	C.	
3 13569	Aeroquip SA.7670022 -002	Hose, flexible, 1/4" at aileron booster (Mod. 1424)	2	—	LM	
		Consisting of:—				
3 28F/5398382	SA.26072-4	Fitting, end	2	—	C.	
3 28F/5398383	SA.76377-4C	Fitting, end	2	—	C.	
3 32C/0281350	AE.246-4	Hose	2	—	C.	
3 32C/1396964	AQ.710-8	Sleeve	Q.R.	—	C.	
27BA/4110908	Auto Prod. AVA.322B/22.5	Hose, flexible, 1/4" at aileron booster (Alt. to 27VA/6115820) (Pre Mod. 1424)	2	—	C.	
27VA/6115820	Dunlop 4/W14/261/8 /8/22.5	Hose, flexible, 1/4" at aileron booster (Alt. to 27BA/4110908) (Pre Mod. 1424)	2	—	C.	

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	Ref. No.	Part No.	Description 1 2 3 4 5	No. Off	Material Specification	M.R. Class of Store	Plate No.
23	27QM/1491736	Dowty 1.03665.003	Jack, undercarriage, port (Mod. 1432)	1	—	A	
23	27QM/1448750	Dowty 1.03665.001	Jack, undercarriage, port (Pre Mod. 1432)	1	—	A.	
23	27QM/1491737	Dowty 1.03665.004	Jack, undercarriage, starboard (Mod. 1432)	1	—	A	
23	27QM/1448752	Dowty 1.03665.002	Jack, undercarriage, starboard (Pre Mod. 1432)	1	—	A.	
23	27QM/4118079	Dowty 07581 YA.O2	Jack, flap	2	—	A.	
23	27QM/4118282	Dowty 07390PA.03	Jack, flap synchronising, port	1	—	A.	
23	27QM/4681527	Dowty 07390SA.03	Jack, flap synchronising, starboard	1	—	A.	
23	6A/1037413	—	Label	1	—	C.	
	2144	Std.1231/3	Lug, locking, for charging valve	1	S.3	C.	4
	1394	Std. 1547/24/14	Packing, for sequence valve	1	DTD.610	C.	4
	2030 †	C.189160/2	Pipe, pressure, port wing, union to union (Pre Mod. 579)	1	DTD.323	C.	
	2034 †	C.189160/12	Pipe, return, port wing, 4-way piece to thermal relief valve	1	DTD.323	C.	
	†	C.189160/26	Pipe, undercarriage down, port wing break, union to union	1	DTD.323		
	†	C.189160/29	Pipe, wheel brake, port wing, union to union	1	DTD.323		
	†	C.189160/30	Pipe, wheel brake, port wing, union to union	1	DTD.323		
	†	C.189160/36	Pipe, power assisted aileron, port wing, union to union	1	DTD.323		
	2040 †	C.189160/37	Pipe, power assisted aileron, port wing, union to union	1	DTD.323	C.	
	2041 †	C.189160/42	Pipe, flap up, port wing, flap control valve to tee-piece	1	DTD.323	C.	
	2042 †	C.189160/43	Pipe, flap up, port wing, tee-piece to fluid jettison valve	1	DTD.323	C.	
	†	C.189160/44	Pipe, flap up, port wing, tee-piece to tee-piece	1	DTD.323		
	2043 †	C.189160/45	Pipe, flap up, port wing, tee-piece to tee-piece	1	DTD.323	C.	

† For details see Piping Chart.

SERVICES—HYDRAULICS IN WINGS

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

SERVICES – HYDRAULICS IN WINGS

Ref. No.	Part No.	Description 1 2 3 4 5	No. Off	Material Specification	M.R. Class of Store	Plate No.
†	C.189160/46	Pipe, flap up, port wing, tee-piece to bleed adaptor	1	DTD.323		
2045†	C.189160/48	Pipe, flap up, port wing, tee-piece to union	1	DTD.323	C.	
†	C.189160/49	Pipe, flap up, union to port wing break union	1	DTD.323		
†	C.189160/50	Pipe, flap up, port wing, tee-piece to thermal relief ..... valve	1	DTD.323		
2047†	C.189160/52	Pipe, flap down, port wing, pressure relief valve to ..... shuttle valve	1	DTD.323	C.	
†	C.189160/53	Pipe, flap down, port wing, shuttle valve to throttling .. valve	1	DTD.323		
†	C.189160/58	Pipe, flap down, union to port wing break union	1	DTD.323		
†	C.189160/61	Pipe, flap air, port wing, union to union	1	DTD.323		
4477†	C.189160/71	Pipe, undercarriage up, union to restrictor valve	1	DTD.323	C.	
†	C.189160/79	Pipe, return, thermal relief valve to tee-piece	1	DTD.323		
†	C.189160/83	Pipe, undercarriage up, sequence valve to pressure ..... regulator valve	1	DTD.323		
†	C.189160/84	Pipe, undercarriage up, pressure regulator valve to union (Pre Mod. 579)	1	DTD.323		
†	C.189160/85	Pipe, undercarriage up, union to union (Pre Mod. 579) ..	1	DTD.323		
†	C.189160/86	Pipe, aileron power assisted, union to union	1	DTD.323		
5427†	C.189160/87	Pipe, aileron power assisted, union to elbow	1	DTD.323	MR/C	
5292†	C.189160/88	Pipe, aileron power assisted, union to elbow	1	DTD.323	C.	
†	C.189160/89	Pipe, aileron power assisted, union to union	1	DTD.323		
5293†	C.189160/90	Pipe, aileron power assisted, union to union	1	DTD.323	C.	
†	C.189160/91	Pipe, aileron power assisted, union to tee-piece	1	DTD.323		
†	C.189160/93	Pipe, return, flexible hose to union	1	DTD.323		
†	C.189160/94	Pipe, return, union to union	1	DTD.323		
†	C.189160/95	Pipe, return, union to union	1	DTD.323		
5295†	C.189160/96	Pipe, return, union to union	1	DTD.323	C.	
5296†	C.189160/97	Pipe, return, union to union	1	DTD.323	C.	
	C.189160/98	Pipe, return, union to non-return valve	1	DTD.323		
	C.189160/99	Pipe, return, non-return valve to 4-way piece	1	DTD.323		
4569†	C.189160/107	Pipe, flap down, tee-piece to throttling valve	1	DTD.323	C.	
4562†	C.189160/108	Pipe, flap down, bleed adapter to tee-piece	1	DTD.323	C.	
4567†	C.189160/110	Pipe, flap balance, tee-piece to jack up connection	1	DTD.323	C.	
4570†	C.189160/112	Pipe, flap balance, tee-piece to selector	1	DTD.323	C.	
4566†	C.189160/123	Pipe, flap balancing, union to flap down connection	1	DTD.323	C.	
5237†	C.189160/126	Pipe, flap balancing, union to union	1	DTD.323	C.	
5238†	C.189160/127	Pipe, flap balancing, selector to union	1	DTD.323	C.	
5239†	C.189160/128	Pipe, flap balancing, tee-piece to union	1	DTD.323	C.	
5299†	C.189160/142	Pipe, undercarriage down, 4-way piece to undercarriage . jack	1	DTD.323	C.	
5302†	C.189160/147	Pipe, undercarriage down, union to 4-way piece	1	DTD.323	C.	
5304†	C.189160/149	Pipe, undercarriage air, non-return valve to 4-way piece .	1	DTD.323	C.	
5305†	C.189160/150	Pipe, undercarriage down, 4-way piece to union	1	DTD.323	C.	
5306†	C.189160/151	Pipe, undercarriage down, union to jettison valve	1	DTD.323	C.	
†	C.189160/152	Pipe, undercarriage up, tee-piece to thermal relief valve .	1	DTD.323		
5308†	C.189160/155	Pipe, undercarriage up, tee-piece to jettison valve	1	DTD.323	C.	
†	C.189160/156	Pipe, undercarriage up, tee-piece to union ..... (Pre Mod. 579)	1	DTD.323		
†	C.189160/159	Pipe, undercarriage air, pressure release valve to ..... non-return valve	1	DTD.323		
†	C.189160/160	Pipe, undercarriage, air pressure release valve to union ..	1	DTD.323		
†	C.189160/161	Pipe, undercarriage air, union to union	1	DTD.323		
†	C.189160/163	Pipe, undercarriage up, union to elbow	1	DTD.323		
†	C.189160/165	Pipe, flap air, union to union	1	DTD.323		
5310†	C.189160/167	Pipe, flap down, union to union	1	DTD.323	C.	
†	C.189160/168	Pipe, undercarriage up, jettison valve to tee-piece	1	DTD.323		
5311†	C.189160/169	Pipe, flap down, bleed adapter to flap jack	1	DTD.323	C.	
5312†	C.189160/170	Pipe, flap up, bleed adapter to flap jack	1	DTD.323	C.	
5313†	C.189160/171	Pipe, pressure, union to flap control valve	1	DTD.323	C.	

† For details see Piping Chart

SERVICES – HYDRAULICS IN WINGS

Ref. No.	Part No.	Description 1 2 3 4 5	No. Off	Material Specification	M.R. Class of Store	Plate No.
5314†	C.189160/182	Pipe, flap air, jettison valve to union	1	DTD.323	C.	
†	C.189160/183	Pipe, flap air, union to atmosphere	1	DTD.323		
5219†	C.189160/184	Pipe, undercarriage up, restrictor valve to undercarriage jack	1	DTD.323	C.	
5286†	C.189160/193	Pipe, flap down, port wing, flap control valve to pressure relief valve	1	DTD.323	C.	
†	C.189160/194	Pipe, flap air, port wing, union to fluid jettison valve	1	DTD.323		
†	C.189160/196	Pipe, flap balancing, port wing break, union to union	1	DTD.323		
†	C.189160/197	Pipe, flap down, tee-piece to union	1	DTD.323		
5288†	C.189160/198	Pipe, flap balance, port wing break, union to tee-piece	1	DTD.323	C.	
†	C.189160/199	Pipe, flap balance, union to port wing break	1	DTD.323		
5289†	C.189160/200	Pipe, undercarriage up, tee-piece to sequence valve	1	DTD.323	C.	
†	C.189160/214	Pipe, return, port wing, tee-piece to tee-piece	1	DTD.323		
†	C.189160/215	Pipe, return, tee-piece to flap pressure relief valve	1	DTD.323		
†	C.189160/216	Pipe, return, tee-piece to tee-piece	1	DTD.323		
†	C.189160/217	Pipe, return, tee-piece to flap selector valve	1	DTD.323		
†	C.189160/218	Pipe, return, 4-way piece to tee-piece	1	DTD.323		
†	C.189160/220	Pipe, wheel brake, leg pivot (B) to adapter	1	DTD.323		
†	C.189160/221	Pipe, recuperator, leg pivot (C) to union	1	DTD.323		
†	C.189160/222	Pipe, recuperator, union to union	1	DTD.323		
†	C.189160/224	Pipe, wheel brake, leg pivot (A) to 4-way piece	1	DTD.323		
	C.189160/229	Pipe, flap, air jettison valve to shuttle valve	1	DTD.323		
9087†	C.189160/231	Pipe, undercarriage up, pressure regulator valve to union (Mod. 579)	1	DTD.323	C.	
9088†	C.189160/232	Pipe, undercarriage up, union to union (Mod. 579)	1	DTD.323	C.	
9085†	C.189160/233	Pipe, pressure, union to pressure regulator valve (Mod. 579)	1	DTD.323	C.	
9086†	C.189160/234	Pipe, pressure, regulator valve to union (Mod. 579)	1	DTD.323	C.	
9089†	C.189160/238	Pipe, undercarriage up, tee-piece to union (Mod. 579)	1	DTD.323	C.	
†	C.189161/2	Pipe, pressure, starboard wing, union to union	1	DTD.323		
3417†	C.189161/3	Pipe, pressure, starboard wing, union to pressure regulating valve	1	DTD.323	C.	
3418†	C.189161/4	Pipe, pressure, starboard wing, pressure regulating valve to undercarriage control valve	1	DTD.323	C.	
3419†	C.189161/5	Pipe, pressure, starboard wing, pressure regulating valve to union	1	DTD.323	C.	
†	C.189161/13	Pipe, return, starboard wing, tee-piece to tee-piece	1	DTD.323		
3428†	C.189161/14	Pipe, return, starboard wing, tee-piece to undercarriage control valve	1	DTD.323	C.	
3430	C.189161/16	Pipe, return, starboard wing, tee-piece to thermal relief valve	1	DTD.323	C.	
†	C.189161/17	Pipe, return, starboard wing, tee-piece to thermal relief valve	1	DTD.323		
3435†	C.189161/21	Pipe, return, starboard wing, tee-piece to tee-piece	1	DTD.323	C.	
3436†	C.189161/22	Pipe, return, starboard wing, tee-piece to aileron control valve	1	DTD.323	C.	
3443†	C.189161/29	Pipe, undercarriage up, starboard wing, undercarriage control valve to 4-way piece	1	DTD.323	C.	
3445†	C.189161/31	Pipe, undercarriage up, starboard wing, 4-way piece to tee-piece	1	DTD.323	C.	
†	C.189161/32	Pipe, undercarriage up, starboard wing, tee-piece to union	1	DTD.323		
†	C.189161/34	Pipe, undercarriage up, starboard wing, 4-way piece to tee-piece	1	DTD.323		
†	C.189161/47	Pipe, undercarriage down, starboard wing, shuttle valve to union	1	DTD.323		
†	C.189161/48	Pipe, undercarriage down, union to starboard wing break	1	DTD.323		
†	C.189161/52	Pipe, undercarriage down, starboard wing, union to union	1	DTD.323		

† For details see Piping Chart

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Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
†	C.189161/54	Pipe, undercarriage down, starboard wing, tee-piece to thermal relief valve	1	DTD.323		
3486 †	C.189161/72	Pipe, flap up, starboard wing break to union	1	DTD.323	C.	
3487 †	C.189161/73	Pipe, flap up, starboard wing, union to bleed adaptor	1	DTD.323	C.	
†	C.189161/75	Pipe, flap down, starboard wing break to union	1	DTD.323		
3490 †	C.189161/76	Pipe, flap down, starboard wing, union to bleed adaptor	1	DTD.323	C.	
3494 †	C.189161/80	Pipe, flap balance, starboard wing break to union	1	DTD.323	C.	
†	C.189161/97	Pipe, undercarriage up, tee-piece to restrictor valve	1	DTD.323		
5317 †	C.189161/98	Pipe, undercarriage up, tee-piece to thermal relief valve	1	DTD.323	C.	
†	C.189161/99	Pipe, return, thermal relief valve to tee-piece	1	DTD.323		
5318 †	C.189161/100	Pipe, return, tee-piece to tee-piece	1	DTD.323	C.	
5319 †	C.189161/101	Pipe, return, tee-piece to tee-piece	1	DTD.323	C.	
†	C.189161/103	Pipe, undercarriage up, union to union	1	DTD.323		
5320 †	C.189161/104	Pipe, undercarriage up, sequence valve to pressure regulator valve	1	DTD.323	C.	
5321 †	C.189161/105	Pipe, undercarriage up, pressure regulator valve to union	1	DTD.323	C.	
†	C.189161/106	Pipe, undercarriage up, union to union	1	DTD.323		
5322 †	C.189161/107	Pipe, power assisted aileron, tee-piece to union	1	DTD.323	C.	
†	C.189161/108	Pipe, power assisted aileron, union to union	1	DTD.323		
5323 †	C.189161/109	Pipe, power assisted aileron, union to union	1	DTD.323	C.	
†	C.189161/110	Pipe, power assisted aileron, union to union	1	DTD.323		
5324 †	C.189161/111	Pipe, power assisted aileron, union to union	1	DTD.323	C.	
†	C.189161/112	Pipe, power assisted aileron, union to tee-piece	1	DTD.323		
†	C.189161/114	Pipe, return, flexible hose to union	1	DTD.323		
5326 †	C.189161/115	Pipe, return, union to union	1	DTD.323	C.	
†	C.189161/116	Pipe, return, union to union	1	DTD.323		
5327 †	C.189161/117	Pipe, return, union to union	1	DTD.323	C.	
5328 †	C.189161/118	Pipe, return, union to union	1	DTD.323	C.	
5329 †	C.189161/119	Pipe, return, union to tee-piece	1	DTD.323	C.	
7089 †	C.189161/124	Pipe, pressure, tee-piece to accumulator	1	DTD.323	MR/C	
4575 †	C.189161/126	Pipe, flap balance, tee-piece to jack up connection	1	DTD.323	C.	
4577 †	C.189161/127	Pipe, flap balance, tee-piece to selector	1	DTD.323	C.	
4574 †	C.189161/138	Pipe, flap balance, union to flap down connection	1	DTD.323	C.	
5240 †	C.189161/139	Pipe, flap balance, union to union	1	DTD.323	C.	
5241 †	C.189161/140	Pipe, flap balance, selector to union	1	DTD.323	C.	
5242 †	C.189161/141	Pipe, flap balance, tee-piece to union	1	DTD.323	C.	
5332 †	C.189161/153	Pipe, undercarriage air, non-return valve to 4-way piece	1	DTD.323	C.	
5333 †	C.189161/154	Pipe, undercarriage down, undercarriage jack to 4-way piece	1	DTD.323	C.	
5335 †	C.189161/164	Pipe, undercarriage up, tee-piece to tee-piece	1	DTD.323	C.	
5336 †	C.189161/165	Pipe, undercarriage up, tee-piece to thermal relief valve	1	DTD.323	C.	
†	C.189161/167	Pipe, undercarriage up, tee-piece to union	1	DTD.323		
5338 †	C.189161/169	Pipe, undercarriage, jettison valve to tee-piece	1	DTD.323	C.	
†	C.189161/170	Pipe, undercarriage down, union to tee-piece	1	DTD.323		
†	C.189161/171	Pipe, undercarriage down, starboard wing break to union	1	DTD.323		
†	C.189161/174	Pipe, undercarriage down, tee-piece to union	1	DTD.323		
†	C.189161/175	Pipe, undercarriage down, union to starboard wing break	1	DTD.323		
†	C.189161/176	Pipe, undercarriage down, 4-way piece to union	1	DTD.323		
5339	C.189161/179	Pipe, power assisted aileron, aileron control valve to tee-piece	1	DTD.323	C.	
5341	C.189161/181	Pipe, undercarriage up, tee-piece to sequence valve	1	DTD.323	C.	
†	C.189161/182	Pipe, undercarriage air, union to pressure release valve	1	DTD.323		
†	C.189161/183	Pipe, undercarriage air, non-return valve to pressure release valve	1	DTD.323		
5342	C.189161/185	Pipe, flap up, bleed adaptor to flap jack	1	DTD.323	C.	
5343	C.189161/186	Pipe, flap down, bleed adaptor to flap jack	1	DTD.323	C.	
5344	C.189161/188	Pipe, pressure, tee-piece to aileron control valve	1	DTD.323	C.	

† For details see Piping Chart.

SERVICES—HYDRAULICS IN WINGS

	Ref. No.	Part No.	Description (1 2 3 4 5)	No. Off	Material Specification	M.R. Class of Store	Plate No.
	5220	C.189161/191	Pipe, undercarriage up, restrictor valve to undercarriage jack	1	DTD.323	C.	
	5290	C.189161/213	Pipe, undercarriage down, starboard wing, undercarriage control valve to tee-piece	1	DTD.323	C.	
	†	C.189161/214	Pipe, undercarriage down, starboard wing, tee-piece to shuttle valve	1	DTD.323		
	5291 †	C.189161/215	Pipe, undercarriage down, starboard wing, shuttle valve to tee-piece	1	DTD.323	C.	
	†	C.189161/216	Pipe, undercarriage down, starboard wing, tee-piece to union	1	DTD.323		
	†	C.189161/220	Pipe, flap balance, starboard wing break, union to tee-piece	1	DTD.323		
	†	C.189161/221	Pipe, flap balance, union to wing break	1	DTD.323		
	†	C.189161/230	Pipe, pressure, tee-piece to tee-piece	1	DTD.323		
	†	C.189161/231	Pipe, pressure, starboard wing, tee-piece to thermal relief valve	1	DTD.323		
	6994	C.189161/232	Pipe, return, starboard wing, tee-piece to 4-way piece	1	DTD.323	C.	
	†	C.189161/234	Pipe, return, starboard wing, non-return valve to 4-way piece	1	DTD.323		
	6993	C.189161/236	Pipe, undercarriage up, union to jettison valve	1	DTD.323	C.	
	8086	C.189161/244	Pipe, air charging, accumulator to tee-piece	1	DTD.323	C.	
	8087	C.189161/245	Pipe, air charging, tee-piece to charging connection	1	DTD.323	C.	
	8088	C.189161/246	Pipe, air charging, tee-piece to pressure gauge	1	DTD.323	C.	
	†	C.189161/248	Pipe, recuperator, union to union	1	DTD.323		
	†	C.189161/249	Pipe, recuperator, union to tee-piece	1	DTD.323		
	†	C.189161/250	Pipe, recuperator, tee-piece to leg pivot connection "C"	1	DTD.323		
	†	C.189161/251	Pipe, recuperator, tee-piece to pressure regulating valve	1	DTD.323		
	†	C.189161/252	Pipe, recuperator, pressure regulating valve to tee-piece	1	DTD.323		
	†	C.189161/253	Pipe, pressure, union to tee-piece	1	DTD.323		
	†	C.189161/254	Pipe, pressure, tee-piece to non-return valve	1	DTD.323		
	†	C.189161/255	Pipe, wheel brake, leg pivot connection "A" to adaptor	1	DTD.323		
	†	C.189161/256	Pipe, wheel brake, adaptor to union	1	DTD.323		
	†	C.189161/257	Pipe, return, leg pivot connection "B" to tee-piece	2	DTD.323		
	†	C.189161/259	Pipe, recuperator, tee-piece to pressure regulating valve	1	DTD.323		
	†	C.189161/267	Pipe, pressure, non-return valve to filter inlet	1	DTD.323		
	†	C.189161/268	Pipe, pressure, filter outlet to tee-piece	1	DTD.323		
	†	C.189161/273	Pipe, return, 4-way piece to tee-piece	1	DTD.323		
	†	C.189161/274	Pipe, undercarriage up, 4-way piece to union	1	DTD.323		
	†	C.189161/275	Pipe, undercarriage up, union to jettison valve	1	DTD.323		
	†	C.189161/276	Pipe, oil jettison valve to atmosphere	1	DTD.323		
	†	C.189161/277	Pipe, undercarriage air, union to union	1	DTD.323		
	†	C.189161/278	Pipe, undercarriage air, union to jettison valve	1	DTD.323		
	†	C.189161/279	Pipe, undercarriage air, jettison valve to shuttle valve	1	DTD.323		
	†	C.189161/280	Pipe, return, 4-way piece to non-return valve	1	DTD.323		
	†	C.189161/281	Pipe, undercarriage down, sequence valve to union	1	DTD.323		
	9869	C.189161/297	Pipe (Mod. 811)	1	DTD.323	C.	
	9870	C.189161/298	Pipe (Mod. 811)	1	DTD.323	C.	
23	27QM/4117532	Dowty 04862Y B0.8	Regulator, flap, pressure, port	1	–	A.	
23	27Q/4117627	Dowty D 6207Y	Restrictor, one-way (Pre Mod. 753)	2	–	A.	
23	27Q/4117622	Dowty 06207Y B01	Restrictor, one-way (Mod. 753)	2	–	A.	
		B.203004	Rod, spacer, group	2	–		
			Consisting of:—				
	4131	F.197484	Block, clamp	4	LFS.21	C.	NH.1
23	28M/9433473	AGS.2002/C1	Nut	2	–	C.	
	28P/9527619	SP.90.C7	Pin, split	6	–	C.	
		B.203004/1	Rod, 3/16" dia. x 44" long	1	DTD.364		
23	27QA/1006106	Dowty SP.900/19	Ring, "O" type	4	–	C.	

† For details see Piping Chart.

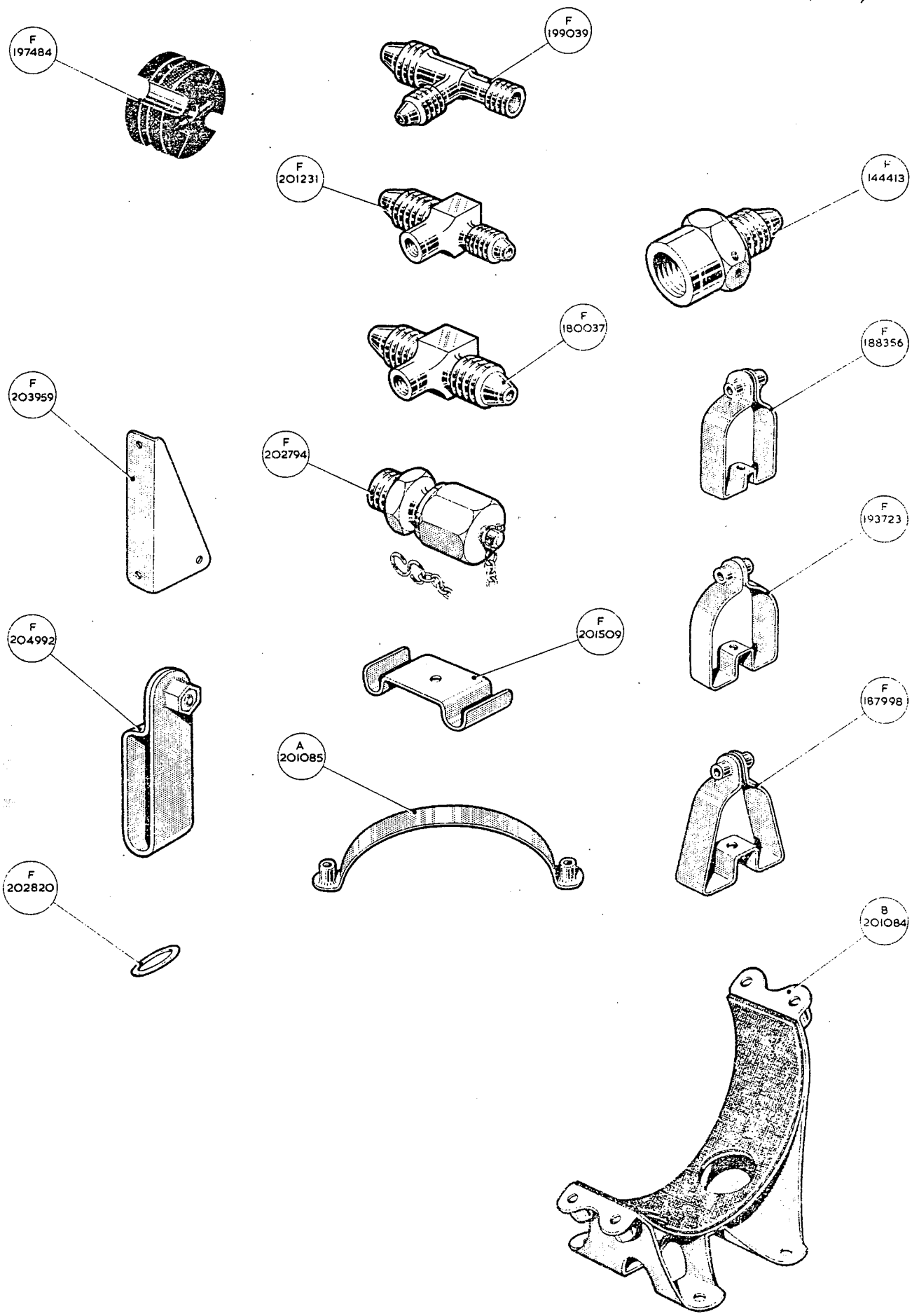
SERVICES—HYDRAULICS IN WINGS

	Ref. No.	Part No.	Description (1 2 3 4 5)	No. Off	Material Specification	M.R. Class of Store	Plate No.
	11067	Std.1509/23/050	Tube, distance	6	T.4	C.	4
	28W/9419475	SP.15.C	Washer	2	—	C.	
		B.203005	Rod, spacer, group	2	—		
			Consisting of:—				
	4131	F.197484	Block, clamp	3	LFS.21	C.	NH.1
23	28M/9433473	AGS.2002/C1	Nut	2	—	C.	
	28P/9527619	SP.90.C7	Pin, split	4	—	C.	
		B.203005/1	Rod, 3/16" dia. x 37.70" long	1	DTD.364		
23	27QA/1006106	Dowty SP.900/19	Ring, "O" type	3	—	C.	
	11067	Std.1509/23/050	Tube, distance	4	T.4	C.	4
	28W/9419475	SP.15.C	Washer	2	—	C.	
	5160	Std.1208/100/49/10	Shim, for sequence valve adjustment	QR	Steel	C.	4
23	5CW/4405174	Thermal Controls TP.5566	Switch, pressure (Mod. 811)	1	—	A.	
	1932	F.194934	Tee-piece, 1/4" x 1/4"	2	LA	C.	
	5161	F.199039	Tee-piece, 1/4" x 3/16" x 3/16"	2	LA	C.	NH.1
	3792	Std.1509/23/035	Tube, distance, 5/16" o/d x 17 S.W.G.	1	T.4	MR/C	4
		Std.1507/2/150	Tube, distance	4	T.26		4
	10893	Std.1509/12/050	Tube, distance	1	T.4	C.	4
	5767	Std.1509/12/030	Tube, distance	3	T.4	MR/C	4
	869	F.140778	Union, reducing	4	L.1	C.	NF.1
23	27QM/4117840	Dowty 08808.Y.BO.6	Unit, selector control, aileron	1	—	A.	
23	27QM/4117762	Dowty 08817.Y-AO.5	Unit, control, selector flaps	1	—	A.	
23	27QM/4117803	Dowty 08817.Y-AO.6	Unit, control, undercarriage	1	—	A.	
23	27Q/4117448	Dowty D.5220Y	Valve, non-return	3	—	B.	
23	27QM/4117556	Dowty 1.00051.034	Valve, flap pressure, relief (Mod. 1202)	1	—	A.	
23	27QM/4117673	Dowty O.8950Y.BO.3	Valve, sequence, undercarriage, port	1	—	A.	
23	27QM/4117688	Dowty O.8950.Y.BO.4	Valve, sequence, undercarriage, starboard	1	—	A.	
23	27QM/4117933	Dowty C.4122Y Mk. A	Valve, shuttle, undercarriage	1	—	A.	
23	27Q/4117728	Dowty C.4603Y Mk. A	Valve, thermal relief	6	—	B.	
23	27QM/4117748	Dowty D.7523Y	Valve, throttling	1	—	A.	
23	27QM/4117477	Dowty 1.02032.001	Valve, pressure, regulator (Mod. 1202)	2	—	A.	
23	27QM/4117503	Dowty O.4862Y.BO.7	Valve, pressure regulator, u/c., starboard	1	—	A.	
23	27QM/4674304	Dowty D.4930Y	Valve, selector (pressure release)	2	—	A.	
23	27QM/4117693	Dowty C.7375Y	Valve, sequence (emergency air)	2	—	A.	
23	27QM/4117724	Dowty 1.00043.012	Valve, sequence (Mod. 1142)	1	—	A.	
23	27QM/4117707	Dowty 1.00043.013	Valve, sequence (Mod. 1142)	1	—	A.	
23	27QM/4674307	Dowty C.4122Y Mk. G	Valve, shuttle	1	—	A.	
23	27QM/4674306	Dowty C.2701Y Mk. H	Valve, jettison	2	—	A.	
23	27QM/4117441	Dowty D.5212Y	Valve, non-return	2	—	A.	
	5482	F.202794	Valve, charging	1	—	MR/B	NH.1

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description (1 2 3 4 5)	No. Off	Material Specification	M.R. Class of Store	Plate No.
23 27QM/4117594	Dowty 1.00073-004	Valve, reducing, with integral P.R. valve (Mod. 1202)	1	—	A.	
5162	F.202820	Washer, for sequence valve	4	—	C.	NH.1
	C.207895	WING, FUSELAGE CONNECTIONS, ASSEMBLY	—	—		
2081	F.195583	Block, clamp, on port side of diaphragm "G"	2	LFS.21	C.	
2100	F.195658	Block, clamp, between diaphragm "G" and wing rib "A"	1	LFS.21	C.	
2101	F.195659	Block, clamp, between diaphragm "G" and wing rib "A"	1	LFS.21	C.	
2102	F.195660	Block, clamp, between diaphragm "G" and wing rib "A"	1	LFS.21	C.	
8307	F.215473	Block, clamp, on starboard diaphragm "G"	1	LFS.21	C.	
8308	F.215474	Block, clamp, on starboard diaphragm "G"	1	LFS.21	C.	
3733	Std.840/12	Clip, 7/16" wide x 22 S.W.G. x 1.2" long	1	DTD.610	C.	4
†	C.189160/28	Pipe, wheel brake, port wing break, union to union	1	DTD.323		
†	C.189160/35	Pipe, power assisted aileron, port wing break union to union	1	DTD.323		
†	C.189160/59	Pipe, flap air, port wing break, union to union	1	DTD.323		
†	C.189160/158	Pipe, pressure, elbow to union	1	DTD.323		
†	C.189160/162	Pipe, undercarriage air, port wing break union to union	1	DTD.323		
†	C.189160/166	Pipe, return, port wing break to tee-piece	1	DTD.323		
7107 †	C.189160/201	Pipe, undercarriage up, union to elbow at port wing break	1	DTD.323	MR/C	
7108 †	C.189160/202	Pipe, undercarriage up, union to port wing break	1	DTD.323	MR/C	
†	C.189160/223	Pipe, recuperator, union to union	1	DTD.323		
†	C.189161/1	Pipe, pressure, starboard wing break to union	1	DTD.323		
3426 †	C.189161/12	Pipe, return, starboard wing break to tee-piece	1	DTD.323	C.	
†	C.189161/33	Pipe, undercarriage up, union to starboard wing break	1	DTD.323		
3454 †	C.189161/40	Pipe, undercarriage up, union to starboard wing break	1	DTD.323	C.	
†	C.189161/53	Pipe, undercarriage down, union to starboard wing break	1	DTD.323		
†	C.189161/59	Pipe, wheel brake, starboard wing break to union	1	DTD.323		
5316	C.189161/90	Pipe, undercarriage air, tee-piece to starboard wing break	1	DTD.323	C.	
†	C.189161/189	Pipe, undercarriage air, starboard wing break to union	1	DTD.323		
5345	C.189161/190	Pipe, undercarriage air, tee-piece to tee-piece	1	DTD.323	C.	
†	C.189161/217	Pipe, power assisted aileron, union to starboard wing break	1	DTD.323		
†	C.189161/218	Pipe, undercarriage air, union to tee-piece	1	DTD.323		
†	C.189161/247	Pipe, recuperator, union to union	1	DTD.323		

† For details see Piping Chart.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