

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
		1 2 3 4 5				
	E.234167—8	HYDRAULIC EQUIPMENT IN WINGS, ASSEMBLY	—	—		
21	27QM/4117998	Dowty Accumulator, unit	1	—	A.	
	08394Y—A.02					
21	1929 F.180037	Adapter, bleed screw	2	L.168	C.	NH.1
	4582 F.201231	Adapter, bleed screw	2	—	C.	NH.1
	1931 F.144413	Adapter, 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.	C.	
	2053 F.194339	Block, clamp, on sub spar and ribs "D", "E" and "F1"	13	LFS.	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, in 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.	
	8364 F.216872	Block, clamp, on interspar rib "D"	2	LFS.21	C.	
	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	C.	
8085	F.214887	Block, clamp, for air pipe	2	LFS.21	C.	
	F.214114	Block, clamp, on starboard interspar rib "D"	2	LFS.21	C.	
5154	F.204869	Block, clamp, on starboard interspar rib "E"	2	LFS.21	C.	

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		1 2 3 4 5				
21	5479	F.203959 Bracket, for clamp blocks on rib "C"	1	L.72	C.	NH.1
	5155	B.201084 Bracket, mounting for accumulator on starboard	1	S.510	C.	NH.1
		rib "F"				
		A.205865 Channel, on rib "S"	2	—		
21	4873	F.201509 Clamp, supporting pipe on tail rib "G"	3	S.510	MR/C	NH.1
21	1047	F.187998 Clip, shuttle valve attachment, "D" starboard	1	S.510	C.	NH.1
21	1048	F.188356 Clip, shuttle valve attachment on interspar rib	1	S.510	C.	NH.1
		"F", port				
21	1883	F.193723 Clip, for throttling valve	1	S.510	C.	NH.1
21	5156	A.201085 Clip, half, for accumulator mounting	2	S.510	C.	NH.1
		F.217579 Clip, for pipe on interspar rib "D"	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"	2	DTD.610	C.	4
		and "E"				
21		Std.850/32 Clip, securing pipes between ribs "A" and "B"	2	DTD.610		4
21	9663	Std.2045/19/24 Clip, sleeved, securing, pipes on interspar rib "C"	1	S.510 or S.511	C.	6
21	9664	Std.2045/22/24 Clip, sleeved, securing pipes on interspar rib "D"	1	S510 or S.511	C.	6
21	5157	Std.1959/1 Clip, supporting pipe	1	S.510	C.	5
21	5481	F.204992 Clip, supporting pipe on undercarriage girder	1	S.510	MR/C	NH.1
		C.223630 DETAILS OF EQUIPMENT, ASSEMBLY	—	—		
	10156	A.215212 Bracket, mounting, for filter unit	1	—	C.	NH.1
	9421	F.215214 Clip, attachment, filter unit	1	—	C.	NH.1
21	27KF/1445575	Fairey BH.2175 Filter, unit (Mod. 1307)	1	—	A.	
21	6A/2237916	— Gauge, pressure, Mk. 14.LL	1	—	A.	
	13567	Aeroquip Hose, flexible, 1/8" at aileron booster (Mod. 1424)	2	—	LM	
		SA.7670021-002				
		Consisting of:—				
21	28F/5398380	SA.26073 Fitting, end	2	—	C.	
21	28F/5398381	SA.76378-C Fitting, end	2	—	C.	
	32C/0281350	AE.246-4 Hose	2	—	C.	
	32C/1396964	AQ.710-8 Sleeve	2	—	C.	
	27BA/	Auto Prod. Hose, flexible, 1/8" at aileron booster	2	—	C.	
	4111012	AVX.4452/22.5 (Alt. to 27VA/6115821) (Mod. 1274) (Pre Mod. 1424)				
	27VA	Dunlop 2/W14/ Hose, flexible, 1/8" at aileron booster	2	—	C.	
	6115821	261/8/8/22.5 (Alt. to 27BA/4111012) (Pre Mod. 1424)				
21	13569	Aeroquip Hose, flexible, 1/4" at aileron booster (Mod. 1424)	2	—	LM	
		SA.7670022-002				
		Consisting of:—				
21	28F/5398382	SA.26072-4 Fitting, end	2	—	C.	
21	28F/5398333	SA.76377-4C Fitting, end	2	—	C.	
	32C/0281350	AE.246-4 Hose	2	—	C.	
	32C/1396964	AQ.710-8 Sleeve	2	—	C.	
	27BA/	Auto Prod. Hose, flexible, 1/4" at aileron booster	2	—	C.	
	4110908	AVA.322B/22.5 (Alt. to 27VA/6115820) (Pre Mod. 1424)				
	27VA/	Dunlop 4/W14/ Hose, flexible, 1/4" at aileron booster	2	—	C.	
	6115820	261/8/8/22.5 (Alt. to 27BA/4110908) (Pre Mod. 1424)				
	27QM/	Dowty Jack, undercarriage, port (Mod. 1432)	1	—	A.	
	1491736	1.03665.003				
21	4320-99-	Dowty Jack, undercarriage, port (Mod. 1348)	1	—	A.	
	4118107	1.03665.001 (Pre Mod. 1432)				
	27QM/	Dowty Jack, undercarriage, starboard (Mod. 1432)	1	—	A.	
	1491737	1.03665.004				
	27QM/1878	Dowty Jack, undercarriage, starboard (Mod. 1348)	1	—	A.	
		1.03665.002 (Pre Mod. 1432)				
21	4320-99-	Dowty 07581Y Jack, flap	2	—	A.	
	4118079	A02				
21	27QM/4118282	Dowty Jack, flap synchronising, port	1	—	A.	
		07390P-A.03				
	27QM/4681527	Dowty Jack, flap synchronising, starboard	1	—	A.	
		07390S-A.03				

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		1	2	3	4	5				
6A/1037413	—	Label					1	—	C.	
2144	Std.1231/3	Lug, locking, for charging valve					1	S.510	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					1	DTD.323	C.	
		(Pre Mod. 579)								
2034†	C.189160/12	Pipe, return, port wing, 4-way piece to thermal relief valve					1	DTD.323	C.	
3697†	C.189160/26	Pipe, undercarriage down, port wing break, union to union					1	DTD.323	MR/C	
3699†	C.189160/29	Pipe, wheel brake, port wing, union to union					1	DTD.323	MR/C	
3700†	C.189160/30	Pipe, wheel brake, port wing, union to union					1	DTD.323	MR/C	
3205†	C.189160/36	Pipe, power assisted aileron, port wing, union to union					1	DTD.323	MR/C	
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.	
3710†	C.189160/44	Pipe, flap up, port wing, tee piece to tee piece					1	DTD.323	MR/C	
2043†	C.189160/45	Pipe, flap up, port wing, tee piece to tee piece					1	DTD.323	C.	
3711†	C.189160/46	Pipe, flap up, port wing, tee piece to bleed adapter					1	DTD.323	MR/C	
2045†	C.189160/48	Pipe, flap up, port wing, tee piece to union					1	DTD.323	C.	
3712†	C.189160/49	Pipe, flap up, union to port wing break union					1	DTD.323	MR/C	
3713†	C.189160/50	Pipe, flap up, port wing, tee piece to thermal relief valve					1	DTD.323	MR/C	
2047†	C.189160/52	Pipe, flap down, port wing, pressure relief valve to shuttle valve					1	DTD.323	C.	
3714†	C.189160/53	Pipe, flap down, port wing, shuttle valve to throttling valve					1	DTD.323	MR/C	
3716†	C.189160/58	Pipe, flap down, union to port wing break union					1	DTD.323	MR/C	
3719†	C.189160/61	Pipe, flap air, port wing, union to union					1	DTD.323	MR/C	
4477†	C.189160/71	Pipe, undercarriage up, union to restrictor valve					1	DTD.323	C.	
5422†	C.189160/79	Pipe, return, thermal relief valve to tee piece					1	DTD.323	MR/C	
5423†	C.189160/83	Pipe, undercarriage up, sequence valve to pressure regulator valve					1	DTD.323	MR/C	
5424†	C.189160/84	Pipe, undercarriage up pressure regulator valve to union (Pre Mod. 579)					1	DTD.323	MR/C	
5425†	C.189160/85	Pipe, undercarriage up, union to union (Pre Mod. 579)					1	DTD.323	MR/C	
5426†	C.189160/86	Pipe, aileron power assisted, union to union					1	DTD.323	MR/C	
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.	
5428†	C.189160/89	Pipe, aileron power assisted, union to union					1	DTD.323	MR/C	
5293†	C.189160/90	Pipe, aileron power assisted, union to union					1	DTD.323	C.	
5429†	C.189160/91	Pipe, aileron power assisted, union to tee piece					1	DTD.323	MR/C	
5430†	C.189160/93	Pipe, return, flexible hose to union					1	DTD.323	MR/C	
5401†	C.189160/94	Pipe, return, union to union					1	DTD.323	MR/C	
5432†	C.189160/95	Pipe, return, union to union					1	DTD.323	MR/C	
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.</	

† For details see Piping Chart

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		1	2	3	4	5					
8203†	C.189160/215	Pipe,	return,	tee	piece	to flap pressure relief valve	1	DTD.323	MR/C		
8204†	C.189160/216	Pipe,	return,	tee	piece	to tee piece	1	DTD.323	MR/C		
8205†	C.189160/217	Pipe,	return,	tee	piece	to flap selector valve	1	DTD.323	MR/C		
8206†	C.189160/218	Pipe,	return,	4-way	piece	to tee piece	1	DTD.323	MR/C		
†	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	1	DTD.323	C.		
			union	(Mod. 579)							
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	1	DTD.323	C.		
			(Mod. 579)								
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.		
3416†	C.189161/2	Pipe,	pressure,	starboard	wing,	union	to union	1	DTD.323	MR/C	
3417†	C.189161/3	Pipe,	pressure,	starboard	wing,	union	to pressure	1	DTD.323	C.	
			regulating	valve							
3418†	C.189161/4	Pipe,	pressure,	starboard	wing,	pressure	regulating	1	DTD.323	C.	
			valve	to undercarriage	control	valve					
3419†	C.189161/5	Pipe,	pressure,	starboard	wing,	pressure	regulating	1	DTD.323	C.	
			valve	to union							
3427†	C.189161/13	Pipe,	return,	starboard	wing,	tee	piece to tee piece	1	DTD.323	MR/C	
3428†	C.189161/14	Pipe,	return,	starboard	wing,	tee	piece to	1	DTD.323	C.	
			undercarriage	control	valve						
3430†	C.189161/16	Pipe,	return,	starboard	wing,	tee	piece to thermal	1	DTD.323	C.	
			relief	valve							
3431†	C.189161/17	Pipe,	return,	starboard	wing,	tee	piece to thermal	1	DTD.323	MR/C	
			relief	valve							
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	1	DTD.323	C.	
			control	valve							
3443†	C.189161/29	Pipe,	undercarriage	up,	starboard	wing,	undercarriage	1	DTD.323	C.	
			control	valve	to 4-way	piece					
3445†	C.189161/31	Pipe,	undercarriage	up,	starboard	wing,	4-way	piece	1	DTD.323	C.
			to tee	piece							
3446†	C.189161/32	Pipe,	undercarriage	up,	starboard	wing,	tee	piece to	1	DTD.323	MR/C
			union								
3448†	C.189161/34	Pipe,	undercarriage	up,	starboard	wing,	4-way	piece	1	DTD.323	MR/C
			to tee	piece							
3461†	C.189161/47	Pipe,	undercarriage	down,	starboard	wing,	shuttle	1	DTD.323	MR/C	
			valve	to union							
3462†	C.189161/48	Pipe,	undercarriage	down,	union	to starboard	wing	1	DTD.323	MR/C	
			break								
3466†	C.189161/52	Pipe,	undercarriage	down,	starboard	wing,	union	to	1	DTD.323	MR/C
			union								
3468†	C.189161/54	Pipe,	undercarriage	down,	starboard	wing,	tee	piece	1	DTD.323	MR/C
			to thermal	relief	valve						
† For details see Piping Chart											

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		1	2	3	4	5				
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 adapter				1	DTD.323	C.	
3489†	C.189161/75	Pipe	flap down, starboard wing break to union				1	DTD.323	MR/C	
3490†	C.189161/76	Pipe	flap down, starboard wing, union to bleed adapter				1	DTD.323	C.	
3494†	C.189161/80	Pipe	flap balance, starboard wing break to union				1	DTD.323	C.	
5452†	C.189161/97	Pipe	undercarriage up, tee piece to restrictor valve				1	DTD.323	MR/C	
5317†	C.189161/98	Pipe	undercarriage up, tee piece to thermal relief valve				1	DTD.323	C.	
5453†	C.189161/99	Pipe	return, thermal relief valve to tee piece				1	DTD.323	MR/C	
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	C.	
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.	
5454†	C.189161/106	Pipe	undercarriage up, union to union				1	DTD.323	MR/C	
5322†	C.189161/107	Pipe	aileron power assisted, tee piece to union				1	DTD.323	C.	
5455†	C.189161/108	Pipe	aileron power assisted, union to union				1	DTD.323	MR/C	
5323†	C.189161/109	Pipe	aileron power assisted, union to union				1	DTD.323	C.	
5456†	C.189161/110	Pipe	aileron power assisted, union to union				1	DTD.323	MR/C	
5324†	C.189161/111	Pipe	aileron power assisted, union to union				1	DTD.323	C.	
5457†	C.189161/112	Pipe	aileron power assisted, union to tee piece				1	DTD.323	MR/C	
5458†	C.189161/114	Pipe	return, flexible hose to union				1	DTD.323	MR/C	
5326†	C.189161/115	Pipe	return, union to union				1	DTD.323	C.	
5459†	C.189161/116	Pipe	return, union to union				1	DTD.323	MR/C	
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.	
5455†	C.189161/167	Pipe	undercarriage up, tee piece to union				1	DTD.323	MR/C	
5338†	C.189161/169	Pipe	undercarriage, jettison valve to tee piece				1	DTD.323	C.	
5466†	C.189161/170	Pipe	undercarriage down, union to tee piece				1	DTD.323	MR/C	
5467†	C.189161/171	Pipe	undercarriage down, starboard wing break to union				1	DTD.323	MR/C	
5468†	C.189161/174	Pipe	undercarriage down, tee piece to union				1	DTD.323	MR/C	
5469†	C.189161/175	Pipe	undercarriage down, union to starboard wing break				1	DTD.323	MR/C	
5470†	C.189161/176	Pipe	undercarriage down, 4-way piece to union				1	DTD.323	MR/C	

† For details see Piping Chart

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Score	Plate No.
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.	
5473†	C.189161/182	Pipe, undercarriage air, union to pressure release valve	1	DTD.323	MR/C	
5474†	C.189161/183	Pipe, undercarriage air, non-return valve to pressure release valve	1	DTD.323	MR/C	
5342	C.189161/185	Pipe, flap up, bleed adapter to flap jack	1	DTD.323	C.	
5343	C.189161/186	Pipe, flap down, bleed adapter to flap jack	1	DTD.323	C.	
5344	C.189161/188	Pipe, pressure, tee-piece to aileron control valve	1	DTD.323	C.	
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.	
5752†	C.189161/214	Pipe, undercarriage down, starboard wing, tee-piece to shuttle valve	1	DTD.323	MR/C	
5291	C.189161/215	Pipe, undercarriage down, starboard wing, shuttle valve to tee-piece	1	DTD.323	C.	
5753†	C.189161/216	Pipe, undercarriage down, starboard wing, tee-piece to union	1	DTD.323	MR/C	
5757†	C.189161/220	Pipe, flap balance, starboard wing break, union to tee-piece	1	DTD.323	MR/C	
5758†	C.189161/221	Pipe, flap balance, union to wing break	1	DTD.323	MR/C	
8208†	C.189161/230	Pipe, pressure, tee-piece to tee-piece	1	DTD.323	MR/C	
8209†	C.189161/231	Pipe, pressure, starboard wing, tee-piece to thermal relief valve	1	DTD.323	MR/C	
6004	C.189161/232	Pipe, return, starboard wing, tee-piece to 4-way piece	1	DTD.323	C.	
8211†	C.189161/234	Pipe, return, starboard wing, non-return valve to 4-piece	1	DTD.323	MR/C	
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 adapter	1	DTD.323		
†	C.189161/256	Pipe, wheel brake, adapter 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		

† For details see Piping Chart

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Plate No.
		1	2	3	4	5				
†	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, aileron pressure, 4-way piece to pressure S.W.					1	DTD.323	C.	
9870	C.189161/298	Pipe, aileron pressure 4-way piece union					1	DTD.323	C.	
21	27QM/4671452	Dowty 04862Y.A07	Regulator, undercarriage pressure				1	—	A.	
21	27Q/4117627	Dowty D.6207Y	Restrictor, one-way (Pre Mod. 753)				2	—	B.	
	27Q/1975	Dowty 06207Y.B01	Restrictor, one-way (Mod. 753)				2	—	B.	
		B.203004	Rod, spacer, group				2	—		
			Consisting of:—							
4131	F.197484	Block, clamp					4	LFS.21	C.	NH.1
21	28M/9433473	AGS.2002/C1	Nut				2	—	C.	
	28Q/20576	AS.4695—206	Rivet (Mod. 1225)				6	—	C.	
21		B.203004/1	Rod, 3/16" dia. x 44" long				1	L.168		
21	27QA/1006106	Dowty SP.900/19	Ring, "O" type				4	—	C.	
21	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
21	28M/943343	AGS.2002/C1	Nut				2	—	C.	
	28Q/20576	AS.4695—206	Rivet (Mod. 1225)				4	—	C.	
21		B.203005/1	Rod, 3/16" dia. x 37.70" long				1	L.168		
21	27QA/1006106	Dowty SP.900/19	Ring, "O" type				3	—	C.	
21	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
21	5CW/4405174	Thermal Controls TP.5566	Switch, pressure				1	—	A.	
	1932	F.194934	Tee-piece, 1/2" x 1/2" 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
21	—	Std.1507/2/150	Tube, distance (Make from 30A/959)				4	T.26	—	4
21	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
21	27QM/4117840	Dowty 08808.Y.BO.6	Unit, control, aileron (Mod. 996)				1	—	A.	
21	27QM/4117762	Dowty 08817.Y-AO.5	Unit, control, selector flaps				1	—	A.	
21	27QM/4117803	Dowty 08817.Y-AO.6	Unit, control, undercarriage				1	—	A.	
21	27Q/4117448	Dowty D.5220Y	Valve, non-return				3	—	B.	
21	27Q/4117556	Dowty I.00051.034	Valve, flap, pressure relief (Mod. 1202)				1	—	A.	
21	27QM/4117673	Dowty O.8959Y.BO.3	Valve, sequence, undercarriage, port				1	—	A.	
21	27QM/4117688	Dowty O.8950.Y.BO.4	Valve, sequence, undercarriage, starboard				1	—	A.	

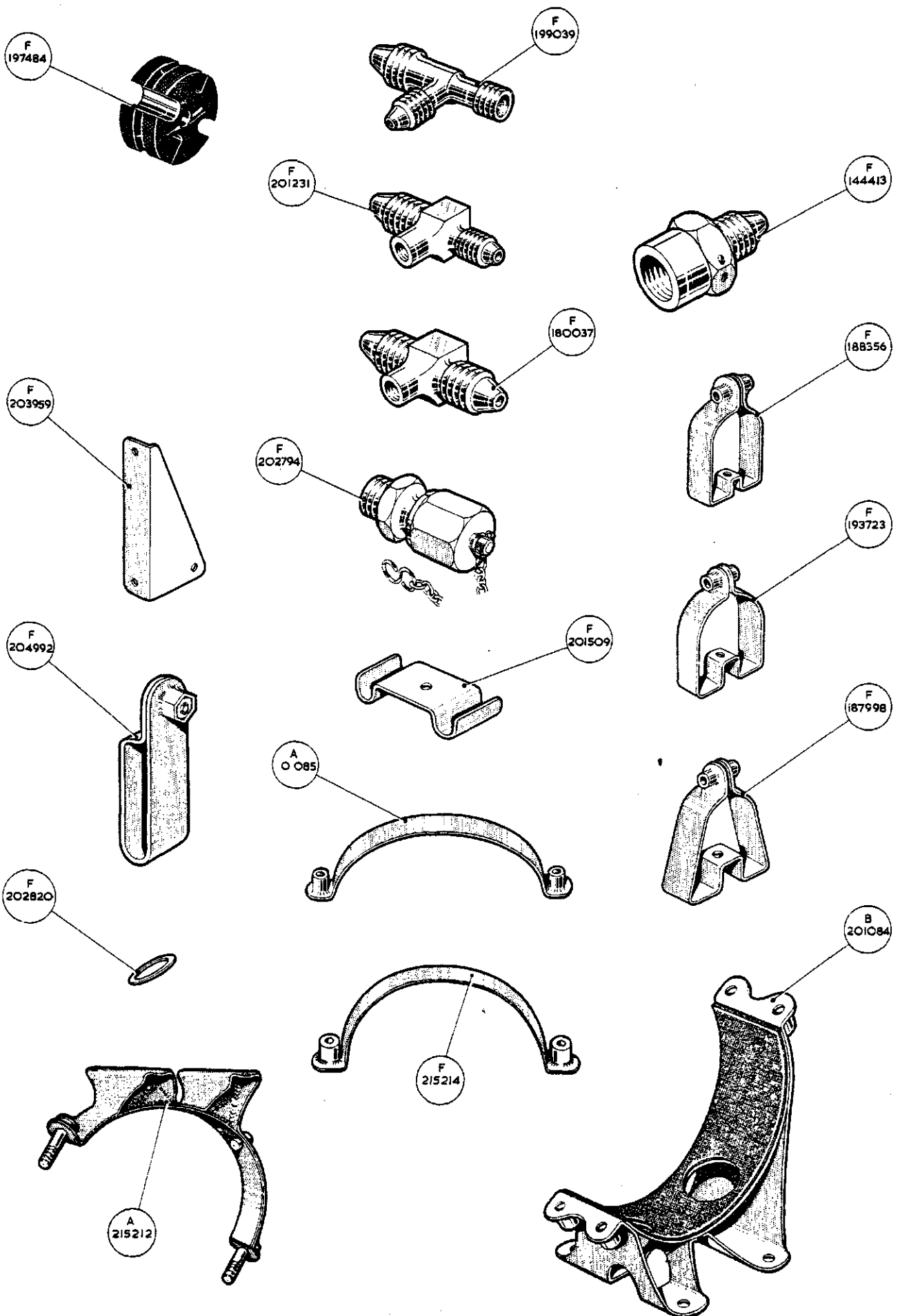
† For details see Piping Chart

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Store	Place No.
		1	2	3	4	5				
21	27QM/4117933	Dowty				Valve, shuttle, undercarriage	1	—	A.	
		C.4122Y Mk. A								
21	27Q/4117728	Dowty				Valve, thermal relief	6	—	B.	
		C.4603Y Mk. A								
21	27QM/4117748	Dowty				Valve, throttling	1	—	A.	
		O.7523Y								
21	27Q/4117477	Dowty				Valve, pressure regulator (Mod. 1202)	1	—	A.	
		1.02032.001								
21	27Q/1820	Dowty				Valve, pressure regulator	1	—	B.	
		O.4862Y A.08								
21	27QM/4674304	Dowty				Valve, pressure release	2	—	A.	
		D.4930Y								
21	27QM/4117693	Dowty				Valve, sequence (emergency air)	2	—	A.	
		C.7375Y								
21	27QM/4117724	Dowty				Valve, sequence (Mod. 1142)	1	—	A.	
		1.00043.012								
21	27QM/4117707	Dowty				Valve, sequence (Mod. 1142)	1	—	A.	
		1.00043.013								
21	27QM/4674307	Dowty				Valve, shuttle	1	—	A.	
		C.4122Y Mk. G								
21	27Q/4674306	Dowty				Valve, jettison	2	—	B.	
		C.2701Y Mk. H								
21	27QM/4117441	Dowty				Valve, non-return	2	—	A.	
		D.5212Y								
	5482	E.202794				Valve, charging	1	—	MR/B	NH.1
21	27QM/4117594	Dowty				Valve, reducing (Mod. 1202)	1	—	A.	
		1.00073.004								
	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"	1	LFS.21	C.	
					and wing rib "A"					
	2101	F.195659				Block, clamp, between diaphragm "G"	1	LFS.21	C.	
					and wing rib "A"					
	2102	F.195660				Block, clamp, between diaphragm "G"	1	LFS.21	C.	
					and wing rib "A"					
	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
	3698†	C.189160/28				Pipe, wheel brake, port wing brake, union	1	DTD.323	MR/C	
					to union					
	3704†	C.189160/35				Pipe, power assisted aileron, port wing	1	DTD.323	MR/C	
					break, union to union					
	3717†	C.189160/59				Pipe, flap, air, port wing break, union to union	1	DTD.323	MR/C	
	5441†	C.189160/158				Pipe, pressure, elbow to union	1	DTD.323	MR/C	
	5445†	C.189160/162				Pipe, undercarriage air, port wing break	1	DTD.323	MR/C	
					union to union					
	5448†	C.189160/166				Pipe, return, port wing break to tee-piece	1	DTD.323	MR/C	
	7107†	C.189160/201				Pipe, undercarriage up, union to elbow at port	1	DTD.323	MR/C	
					wing break					
	7108†	C.189160/202				Pipe, undercarriage up, union to port wing	1	DTD.323	MR/C	
					break					
	†	C.189160/223				Pipe, recuperator, union to union	1	DTD.323		
	3415†	C.189161/1				Pipe, pressure, starboard wing break to union	1	DTD.323	MR/C	
	3426	C.189161/12				Pipe, return, starboard wing break to tee-piece	1	DTD.323	C.	
	3447†	C.189161/33				Pipe, undercarriage up, union to starboard	1	DTD.323	MR/C	
					wing break					
	3454	C.189161/40				Pipe, undercarriage up, union to starboard	1	DTD.323	C.	
					wing break					
	3467†	C.189161/53				Pipe, undercarriage down, union to starboard	1	DTD.323	MR/C	
					wing break					
						† For details see Piping Chart				

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Score	Plate No.
		1	2	3	4	5				
3473†	C.189161/59					Pipe, wheel brake, starboard wing break to union	1	DTD.323	MR/C	
5316	C.189161/90					Pipe, undercarriage air, tee-piece to starboard wing break	1	DTD.323	C.	
5477†	C.189161/189					Pipe, undercarriage air, starboard wing break to union	1	DTD.323	MR/C	
5345	C.189161/190					Pipe, undercarriage air, tee-piece to tee-piece	1	DTD.323	C.	
5754†	C.189161/217					Pipe, power assisted aileron union to starboard wing break	1	DTD.323	MR/C	
5755†	C.189161/218					Pipe, undercarriage air union to tee-piece	1	DTD.323	MR/C	
†	C.189161/247					Pipe, recuperator, union to union	1	DTD.323		
† For details see Piping Chart										

† For details see Piping Chart



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