

Hunter T. Mk. 7
Issued with A/L No. 11

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
	E.234167-8	HYDRAULIC EQUIPMENT IN WINGS, ASSEMBLY (Mod. 811)	-	-		
27Q/1889	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, $\frac{3}{8}$" cone to $\frac{1}{4}$" 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	D.	
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	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.	

SERVICES—HYDRAULICS IN WINGS

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			1	2	3	4	5			
4584	F.202490	Block, clamp, on port interspar rib "F1" ...						LFS.21	C.	
5149	F.204957	Block, clamp, on top skin ...						LFS.21	C.	
5150	F.205916	Block, clamp, on top skin ...						LFS.21	C.	
5151	F.204687	Block, clamp, on undercarriage girder ...						LFS.21	C.	
5152	F.204867	Block, clamp, on undercarriage girder ...						LFS.21	C.	
—	F.216870	Block, clamp, on interspar rib "D" ...						LFS.21	—	
8085	F.214887	Block, clamp, for air pipe ...						LFS.21	C.	
	F.214114	Block, clamp, on starboard interspar rib "D" ...						LFS.21	C.	
5154	F.204869	Block, clamp, on starboard interspar rib "E" ...						LFS.21	C.	
5479	F.203959	Bracket, for clamp blocks on rib "C" ...						L.72	C.	NH.1
5155	B.201084	Bracket, mounting, for accumulator on starboard rib "F"						S.3	C.	NH.1
	A.205865	Channel, on rib "S" ...						—		
4873	F.201509	Clamp, supporting pipe on tail rib "G" ...						S.3	MR/C	NH.1
1047	F.187998	Clip, shuttle valve attachment, rib "D" starboard						S.3	C.	NH.1
1048	F.188356	Clip, shuttle valve attachment on interspar rib "F," port						S.3	C.	NH.1
1883	F.193723	Clip, for throttling valve ...						S.3	C.	NH.1
5156	A.201085	Clip, half, for accumulator mounting ...						S.3	C.	NH.1
—	F.217579	Clip, for pipe on interspar rib "D" ... (Make from 30B/1734)						L.72	—	
4146	F.193863	Clip, securing reducing valve ...						S.84	C.	NE.1
3734	Std.840/14	Clip, for earthing connector on ribs "A," "C" and "E"						DTD.610	C.	4
	Std.850/32	Clip, securing pipes between ribs "A" and "B" ...						DTD.610		
9663	Std.2045/19/24	Clip, securing, pipes on interspar rib "C" ...						—	C.	
9664	Std.2045/22/24	Clip, securing pipes on interspar rib "D" ...						—	C.	
5157	Std.1959/1	Clip, supporting pipe ...						S.3	C.	5
5481	F.204992	Clip, supporting pipe on undercarriage girder ...						S.3	MR/C	NH.1
	C.223630	DETAILS OF EQUIPMENT, ASSEMBLY ...						—		
10156	A.215212	Bracket, mounting, for filter unit ...						—	C.	
9421	F.215214	Clip, attachment, filter unit ...						—	C.	
27KF/1547	Fairey FHS.1211Z	Filter, unit (For spares see AP.4515P, Vol. 3) (Pre Mod. 888)						—	A.	
27KF/3300	Fairey BH.1643	Filter, unit (Mod. 1146) ...						—	A.	
6A/2693	—	Gauge, pressure, Mk. 14.LL ...						—	A.	
27BA/9889	Auto Prod. AVA.322A/22-5	Hose, flexible, 1/8", at aileron booster ...						—	C.	
27BA/10607	Auto Prod. AVA.322B/22-5	Hose, flexible, 1/8" at aileron booster ...						—	C.	
27Q/1877	Dowty 07965/P/AO3	Jack, undercarriage, port ...						—	A.	
28Q/1878	Dowty 07965/2/AO3	Jack, undercarriage, starboard ...						—	A.	
28Q/1891	Dowty 07581YA.O2	Jack, flap ...						—	A.	
28Q/1896	Dowty 07390PA.03	Jack, flap synchronising, port ...						—	A.	
28Q/1897	Dowty 07390S-A.03	Jack, flap synchronising, starboard ...						—	A.	

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				
6A/2771	—	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.	
†	C.189160/46	Pipe, flap up, port wing, tee piece to bleed adapter ...					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		
5294†	C.189160/92	Pipe, aileron power assisted, tee piece to jack lock					1	DTD.323	C.	
†	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 adaptor 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.	

† For details see Piping Chart

SERVICES—HYDRAULICS IN WINGS

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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 adaptor to flap jack	1	DTD.323	C.	
5312†	C.189160/170	Pipe, flap up, bleed adaptor to flap jack	1	DTD.323	C.	
5313†	C.189160/171	Pipe, pressure, union to flap control valve	1	DTD.323	C.	
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		

† For details see Piping Chart

SERVICES—HYDRAULICS IN WINGS

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		1	2	3	4	5									
†	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	adaptor	...	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		
9085†	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	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	1	DTD.323	C.		
3430†	C.189161/16	Pipe,	return,	starboard	wing,	tee	piece	to	thermal	relief	1	DTD.323	C.		
†	C.189161/17	Pipe,	return,	starboard	wing,	tee	piece	to	thermal	relief	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	1	DTD.323	C.		
3443†	C.189161/29	Pipe,	undercarriage	up,	starboard	wing,	undercarriage	control	valve	to	4-way	1	DTD.323	C.	
3445†	C.189161/31	Pipe,	undercarriage	up,	starboard	wing,	4-way	piece	to	tee	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	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			
†	C.189161/54	Pipe,	undercarriage	down,	starboard	wing,	tee	piece	to	thermal	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 Score	Plate No.
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, aileron power assisted, tee piece to union ...	1	DTD.323	C.	
†	C.189161/108	Pipe, aileron power assisted, union to union ...	1	DTD.323		
5323†	C.189161/109	Pipe, aileron power assisted, union to union ...	1	DTD.323	C.	
†	C.189161/110	Pipe, aileron power assisted, union to union ...	1	DTD.323		
5324†	C.189161/111	Pipe, aileron power assisted, union to union ...	1	DTD.323	C.	
†	C.189161/112	Pipe, aileron power assisted, union to tee piece ...	1	DTD.323		
5325†	C.189161/113	Pipe, aileron power assisted, tee piece to jack lock	1	DTD.323	C.	
†	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		

† 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.
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.	
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, under carriage control valve to tee piece	1	DTD.323	C.	
†	C.189161/214	Pipe Carriage, 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, 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.
†	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.	
27Q/1819	Dowty 04862Y.A07	Regulator, undercarriage pressure	1	—	A.	
27Q/1224	Dowty D.6207Y	Restrictor, one-way (Pre Mod. 753)	2	—	A.	
27Q/1975	Dowty 06207Y.B01 B.203004	Restrictor, one-way (Mod. 753) Rod, spacer, group	2 2	— —	A. A.	
		Consisting of :—				
4131	F.197484	Block, clamp	4	LFS.21	C.	NH.1
28M/10328	AGS.2002/C1	Nut	2	—	C.	
28P/12462	SP.9.C8	Pin, split	6	—	C.	
	B.203004/1	Rod, $\frac{3}{16}$ " dia. x 44" long	1	DTD.364		
27Q/12006	Dowty SP.900/19	Ring, "O" type	4	—	C.	
—	Std.1509/23/050	Tube, distance (Make from 30B/1784)	6	T.4	—	
28W/12296	SP.15.C B.203005	Washer Rod, spacer, group	2 2	— —	C. —	
		Consisting of :—				
4131	F.197484	Block, clamp	3	LFS.21	C.	NH.1
28M/10328	AGS.2002/C1	Nut	2	—	C.	
28P/12462	SP.9.C8	Pin, split	4	—	C.	
	B.203005/1	Rod, $\frac{3}{16}$ " dia. x 37-70" long	1	DTD.364		
27Q/12006	Dowty SP.900/19	Ring, "O" type	3	—	C.	
—	Std.1509/23/050	Tube, distance (Make from 30B/1784)	4	T.4	—	
28W/12296	SP.15.C 5160	Washer Shim, for sequence valve adjustment	2 QR	— Steel	C. C.	4
5CW/6733	Thermal Controls TP.5566	Switch, pressure (Mod. 811)	1	—	A.	
1932	F.194934	Tee-piece, $\frac{1}{4}$ " x $\frac{1}{2}$ " x $\frac{1}{4}$ "	2	LA	C.	
5161	F.199039	Tee-piece, $\frac{1}{4}$ " x $\frac{3}{16}$ " x $\frac{3}{16}$ "	2	LA	C.	NH.1
3792	Std.1509/23/035	Tube, distance, $\frac{5}{16}$ " o/d x 17 S.W.G.	1	T.4	MR/C	4
	Std.1507/2/150	Tube, distance	4	T.26		
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
27Q/	Dowty 08808.Y-B02	Unit, selector control, aileron (Mod. 996)	1	—	A.	
27Q/70441	Dowty 08808.Y-AO6	Unit, selector control, aileron (Mod. 895)	1	—	A.	
27Q/1934	Dowty 08817.Y-AO.5	Unit, control, selector flaps	1	—	A.	
27Q/1935	Dowty 08817.Y-AO.6	Unit, control, undercarriage	1	—	A.	
27Q/926	Dowty D.5220Y	Valve, non-return	3	—	A.	
27Q/930	Dowty C.4651Y Mk. A	Valve, flap pressure relief	1	—	A.	
27Q/1999	Dowty O.8950Y.BO.3	Valve, sequence, undercarriage, port	1	—	A.	
27Q/2000	Dowty O.8950.Y.BO.4	Valve, sequence, undercarriage, starboard	1	—	A.	

† For details see Piping Chart

Hunter T. Mk. 7
Issued with A/L No. 11

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Store	Plate No.
27Q/945	Dowty C.4122Y Mk. A	Valve, shuttle, undercarriage	1	—	A.	
27Q/927	Dowty C.4603Y Mk. A	Valve, thermal relief	6	—	A.	
27Q/1205	Dowty D.7523Y	Valve, throttling	1	—	A.	
27Q/845	Dowty C.3651Y	Valve, pressure regulator	2	—	A.	
27Q/1820	Dowty O.4862Y A.08	Valve, pressure regulator (Mod. 690)	1	—	A.	
27Q/1034	Dowty D.4930Y	Valve, selector (pressure relief)	2	—	A.	
27Q/1221	Dowty C.7375Y	Valve, sequence (emergency air)	2	—	A.	
27Q/70829	Dowty 1.00043.012	Valve, sequence, (Mod. 1142)	1	—	A.	
27Q/70830	Dowty 1.00043.013	Valve, sequence, (Mod. 1142)	1	—	A.	
27Q/1204	Dowty C.4122Y Mk. G	Valve, shuttle	1	—	A.	
27Q/1198	Dowty C.2701Y Mk. H	Valve, jettison	2	—	A.	
27Q/1443	Dowty D.5212Y	Valve, non-return	2	—	A.	
	5482 F.202794	Valve, charging	1	—	MR/B A.	NH.1
27Q/1381	Dowty C.4809Y Mk. B	Valve, reducing, with integral P.R. valve	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, $\frac{7}{16}$ " wide x 22 s.w.g. x 1-2" long ...	1	DTD.610	C.	
	† 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		

† 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				
5316	† C.189161/59						1	DTD.323	C.	
	C.189161/90						1	DTD.323		
	† C.189161/189						1	DTD.323		
5345	C.189161/190						1	DTD.323	C.	
	† C.189161/217						1	DTD.323		
	† C.189161/218						1	DTD.323		
	† C.189161/247						1	DTD.232		
† For details see Piping Chart										

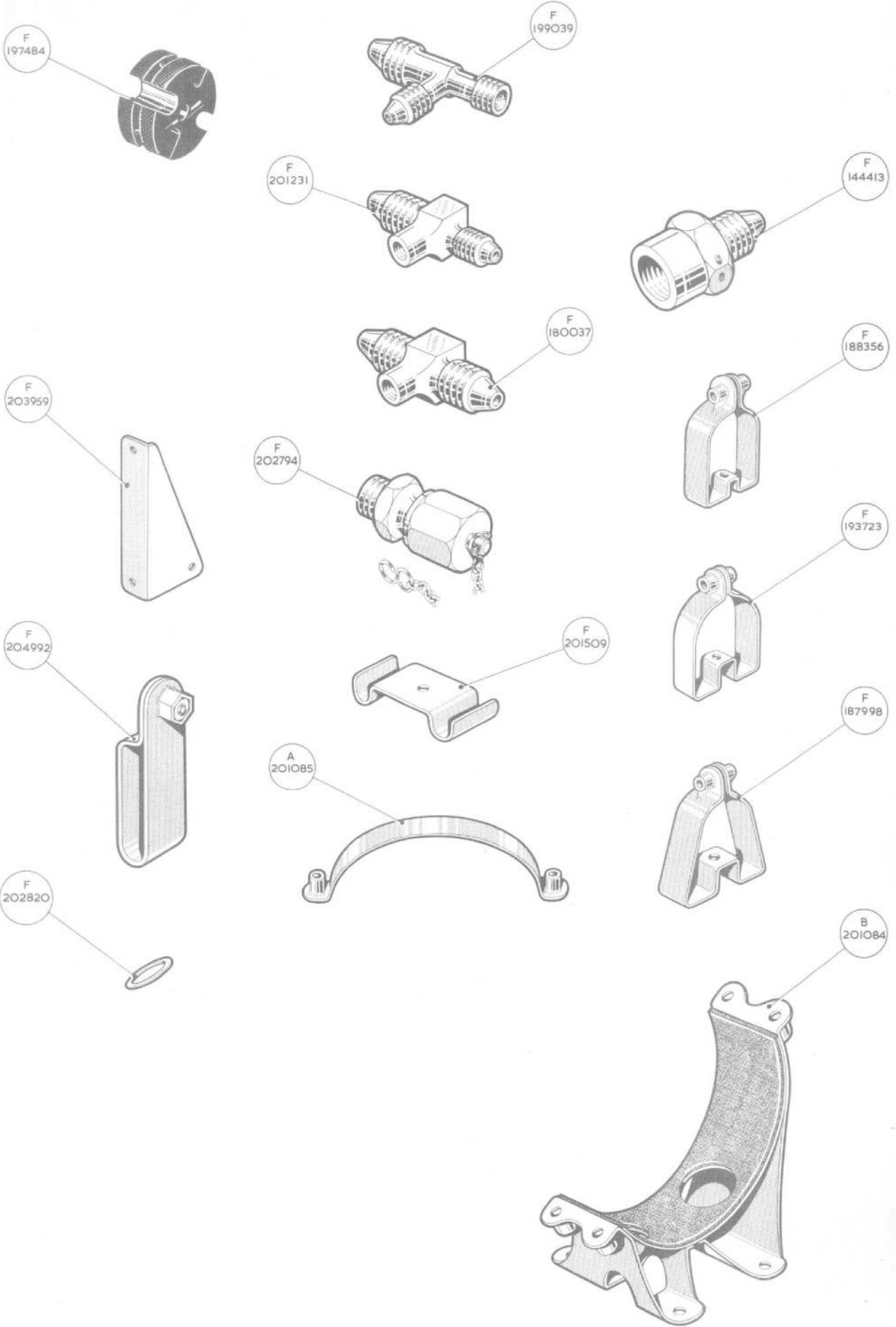
Hunter T. Mk. 7
 Issued with A/L No. 11

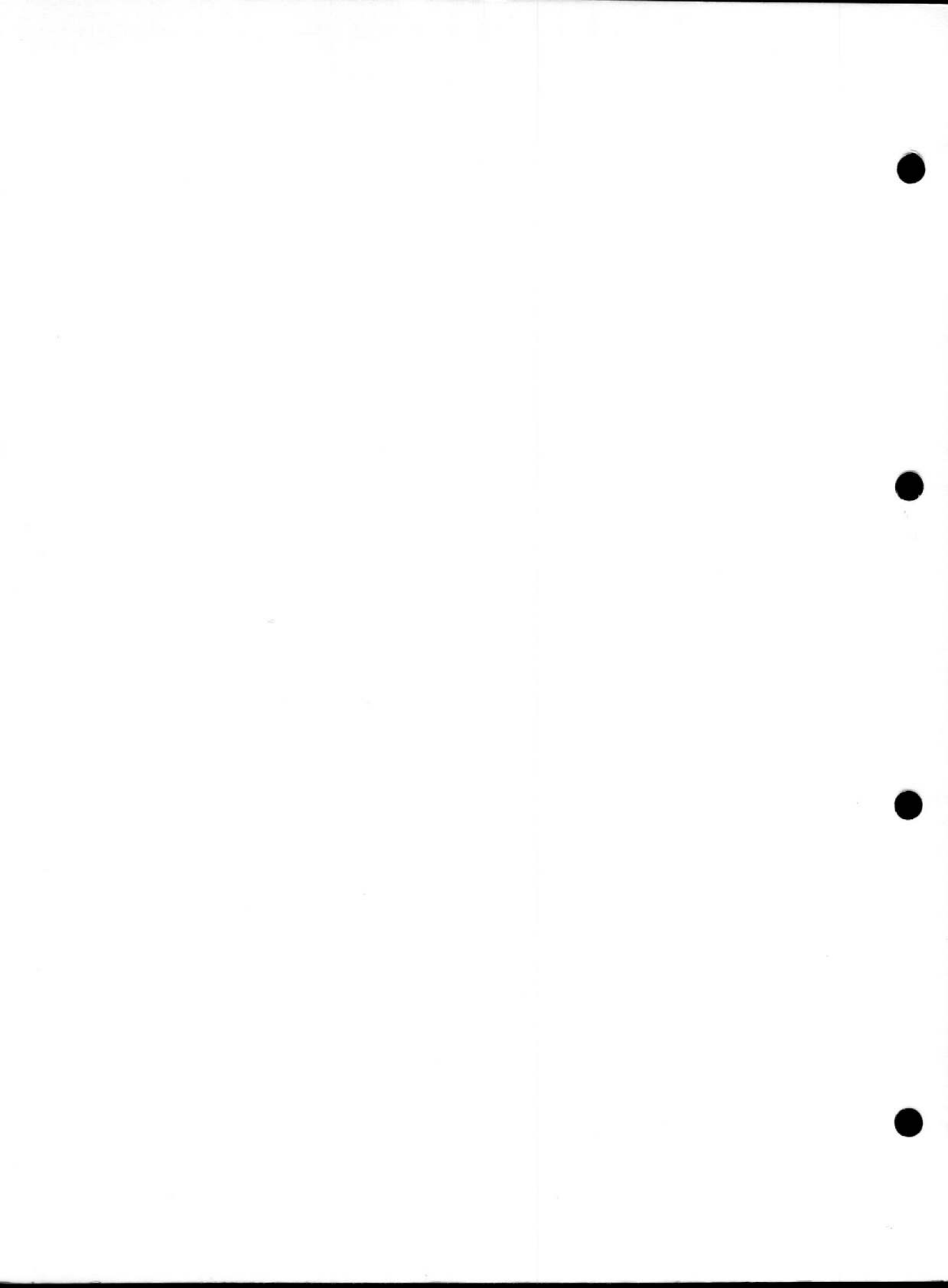
SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description					No. Off	Material Specification	M.R. Class of Score	Plate No.
		1	2	3	4	5				
SUMMARY OF STOCK ITEMS										
28Y/12849	AGS.1212	Adaptor ...	...	...	...	...	...	—	—	—
28F/10798	AGS.1129B	Body, banjo ...	...	...	...	...	...	—	—	—
28D/1010658	A25.1.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1008149	A25.2.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9149452	A25.3.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9140638	A25.4.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1011006	A25.5.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1010029	A25.6.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1009984	A25.6.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1011011	A25.8.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1010142	A25.9.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9435711	A25.10.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9140639	A25.11.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9132448	A25.12.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/1011013	A25.13.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/12811	A25.16.B	Bolt, 4 B.A. ...	...	...	...	...	...	—	—	—
28D/9436920	A25.1.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/9133012	A25.3.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12533	A25.5.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/7002438	A25.6.C	Bolt, 2 BA ...	...	...	...	...	...	—	—	—
28D/1010030	A25.7.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/1011019	A25.8.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/9140644	A25.9.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12515	A25.10.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/9435710	A25.11.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12536	A25.13.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12537	A25.14.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/9453970	A25.15.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/1011021	A25.16.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12517	A25.17.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/1011022	A25.18.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12630	A25.19.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/1011023	A25.20.C	Bolt, 2 B.A. ...	...	...	...	...	...	—	—	—
28D/12547	A25.15.E	Bolt, 1/4" B.S.F. ...	...	...	...	...	...	—	—	—
28F/9129082	AGS.1159/A	Cap cone ...	...	...	...	...	...	—	—	—
28F/11018	AGS.1159/B	Cap, cone ...	...	...	...	...	...	—	—	—
28E/9130610	AS.5419/3	Clip ...	...	...	...	...	...	—	—	—
28E/9130611	AS.5419/4	Clip ...	...	...	...	...	...	—	—	—
28E/9130612	AS.5419/5	Clip ...	...	...	...	...	...	—	—	—
28F/9463543	AGS.1120/1	Cone, tee ...	...	...	...	...	...	—	—	—
28F/9720	AGS.1120/3	Cone, tee ...	...	...	...	...	...	—	—	—
28F/9463542	AGS.1120/6	Cone, tee ...	...	...	...	...	...	—	—	—
28F/13290	AGS.1120/11	Cone, tee ...	...	...	...	...	...	—	—	—
28F/8011811	AGS.1118/B	Cone, tee ...	...	...	...	...	...	—	—	—
28F/10782	AGS.1118/A	Cone, tee ...	...	...	...	...	...	—	—	—
28F/9716	AGS.1118/C	Cone, tee ...	...	...	...	...	...	—	—	—
28F/9715	AGS.1116/B	Cone, elbow ...	...	...	...	...	...	—	—	—
28F/14384	AGS.1116/C	Cone, elbow ...	...	...	...	...	...	—	—	—
28Y/9429623	AGS.1200	Connector, charging ...	...	...	...	...	...	—	—	—

SERVICES—HYDRAULICS IN WINGS

Ref. No.	Part No.	Description	No. Off	Material Specification	M.R. Class of Score	Plate No.					
							1	2	3	4	5
5K/3390	AS.3360.B.3.B	Lead, bonding	...	...	...	...	-	-	-	-	-
28F/1013599	AGS.1142/A	Nipple	...	...	...	...	-	-	-	-	-
28F/14528	AGS.1170/A	Nipple	...	...	...	...	-	-	-	-	-
28F/1014650	AGS.1170/B	Nipple	...	...	...	...	-	-	-	-	-
28F/14529	AGS.1170/C	Nipple	...	...	...	...	-	-	-	-	-
28F/14530	AGS.1170/D	Nipple	...	...	...	...	-	-	-	-	-
28M/1006473	A27.C.T.	Nut, 2 B.A.	...	...	...	...	-	-	-	-	-
28M/10327	AGS.2002/B1	Nut, 4 B.A.	...	...	...	...	-	-	-	-	-
28M/10328	AGS.2002/C/1	Nut, 2 B.A.	...	...	...	...	-	-	-	-	-
28M/10330	AGS.2002/E/1	Nut, 1/4" B.S.F.	...	...	...	...	-	-	-	-	-
28F/11966	AGS.1174	Screw, bleed	...	...	...	...	-	-	-	-	-
28F/5721	AGS.904/A	Sleeve	...	...	...	...	-	-	-	-	-
28F/18006	AGS.2111	Sleeve	...	...	...	...	-	-	-	-	-
28F/11080	AGS.1106/B	Union cone to nipple	...	...	...	...	-	-	-	-	-
28F/1013402	AGS.1107A	Union	...	...	...	...	-	-	-	-	-
28F/12373	AGS.1125/1	Union, tee 4-way	...	...	...	...	-	-	-	-	-
28F/9726	AGS.1123/C	Union, cone 4-way	...	...	...	...	-	-	-	-	-
28F/9705	AGS.1102/C	Union	...	...	...	...	-	-	-	-	-
28S/1200039	A31.B.32	Screw	...	...	...	...	-	-	-	-	-
28S/14005	A32.B.14	Screw	...	...	...	...	-	-	-	-	-
28S/2875	A32.B.24	Screw	...	...	...	...	-	-	-	-	-
28W/9419474	SP.15.B	Washer, 4 B.A.	...	...	...	...	-	-	-	-	-
28W/9419475	SP.15.C	Washer, 2 B.A.	...	...	...	...	-	-	-	-	-
28W/9419405	SP.15.E	Washer, 1/2" dia.	...	...	...	...	-	-	-	-	-
28W/9419404	SP.16.C	Washer, 2 B.A.	...	...	...	...	-	-	-	-	-
28W/9419486	SP.16.B	Washer, 4 B.A.	-	-	-	-	-
28F/9428453	AGS.1186B	Washer	-	-	-	-	-
28F/8215	AGS.1138B	Washer	-	-	-	-	-







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