

SERVICES - ANTICER SYSTEM

Issued on A.L. No. 1

Page No. 1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL SPEC.	MR CL of ST	PLATE NO
		1	2	3	4	5					
	C.190131	<u>ANTICER SYSTEM ASSEMBLY.</u>						-	-		
447	F.186436	Bolt, trunnion.						2	S.95,B	C	N.9
3751	Std.842/12	Clip, for supply pipe, 7/16" wide x 22 s.w.g. (Make from 30A/549).						2	S.3	MR/C	4
1538	Std.1285/3/ BB	Connection, earthing.						2	-	C	4
	Std.1285/6/ BC	Connection, earthing.						1	-		
1940	Std.1231/1	Lug, locking.						1	S.3	C	4
2444	Std.1231/3	Lug, locking.						1	S.3	C	4
2731	F.190720	Packing.						2	DTD.610	MR/C	N.9
1949	A.190717/1	Pipe, tank to pump inlet.						1	DTD.253	C	N.9
1950	A.190717/2	Pipe, vent, from pump to tank.						1	DTD.253	C	N.9
3594 †	A.190717/3	Pipe, supply pump to joint.						1	DTD.253	MR/C	N.9
3595 †	A.190717/4	Pipe, supply, joint to frame 6.						1	DTD.253	MR/C	N.9
1951	A.190717/5	Pipe, supply, frame 6 to spray.						1	DTD.253	C	N.9
3596 †	A.190717/6	Pipe, drain from pump.						1	DTD.253	MR/C	N.9
1941	Std.499/3	Plate, locking.						1	L.3	C	N.4
5UE/5851	Self Priming Pump Coy, EXS.6490	Pump, de-icing, type D.1, Mk.1.						1	-	A	N.9
2730	F.190138	Shackle.						2	DTD.610	MR/C	N.9
1169	A.190136	Strap group.						2	DTD.166	C	N.9
2729	A.190136/2	Packing, 1/8" thick x .75" wide x 7.5" long.						2	DTD.590	MR/C	
-	B.190132	Tank, (See Section "Q").						1	-	-	
3805	Std.1509/23/ 100	Tube, distance, 5/16" o/d x 17 s.w.g. x 1.00" long (Make from 30B/556).						2	T.4	MR/C	4

† For details see Piping Chart.

SERVICES - ANTICER SYSTEM

REF. No.	PART No.						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL. of ST.	PLATE No.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/9708	AGS. 1104.B					Adapter.					
28F/10797	AGS. 1129.A					Banjo.					
28F/11170	AGS. 1129.D					Banjo.					
28F/8221	AGS. 1135.A					Bolt, banjo.					
28F/9746	AGS. 1135.D					Bolt, banjo.					
28F/14123	AGS. 1170.B					Nipple.					
28M/802	AGS. 113.C					Nut, 2 B.A.					
28F/9584	AGS. 1148.B					Nut, 4 B.A.					
28P/839	SP4.YB.13					Pin.					
28P/12587	SP9.C4					Pin, split.					
28F/9533	AGS. 1145.B					Union.					
28F/12048	AGS. 1186.B					Washer, sealing.					
28F/8225	AGS. 1138.A					Washer.					
28F/8215	AGS. 1138.B					Washer.					
28W/12296	SP. 15.C					Washer.					

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
	D.189318	<u>FUEL SYSTEM IN CENTRE FUSELAGE,</u>						-	-		
		<u>ASSEMBLY.</u>									
27F/2226	Saunders 42.A.10	Aerocock, de-fuelling, S.P. Type 42.						1	-	B	
27F/2225	Saunders L51.B.12	Aerocock, low pressure cock, S.P. Mk.11.						1	-	B	
1060	F.189375	Block, clamp, half, for re-fuelling pipe,						1	LFS.21	C	
1088	A.189332	Bolt, banjo.						2	S.95	C	
4104	F.198267	Bolt, attachment of non return valve, (B.197673).						12	M.S.	C	
1095	Std.1639/5C	Bolt, for L.P. fuel cock bracket.						2	S.95.B	C	
1059	A.188373	Bracket, for non-return valve.						1	DTD610	C	
	A.193383	Bracket, for non-return valve.						1	DTD610		
1087	F.185874	Circlip.						2	DTD215	C	
421	A.185593	Clamp, pipe connection, group.						4	-	C	
2723	F.184931	Bolt, eye.						1	S.94.B	MR/C	
2724	F.185592	Washer.						1	DTD364	MR/C	
1085	A.185870	Clamp, pipe connection, group.						2	-	C	
2723	F.184931	Bolt, eye.						1	S.94.B	MR/C	
2724	F.185592	Washer.						1	DTD364	MR/C	
1136	A.186450	Clamp, pipe connection, group.						1	-	C	
2723	F.184931	Bolt, eye.						1	S.94.B	MR/C	
2724	F.185592	Washer.						1	DTD364	MR/C	
3734	Std.840/14	Clip, supporting pipe at frames 26, 7/16" wide x 22 s.w.g. x 1.4" long (Make from 30B/1433) (Referenced 26FH/3219 for Admiralty).						2	DTD610	MR/C	
3747	Std.841/28	Clip, 7/16" wide x 22 s.w.g. (Make from 30B/1433).						2	DTD610	MR/C	
	Std.841/29	Clip, supporting pipe at frames 26 and 27, 7/16" wide x 22 s.w.g. x 2.9" long (Make from 30B/1433).						2	DTD610		
	Std.841/36	Clip, at forward tank drain pipe 7/16" wide x 22 s.w.g. x 3.6" long (Make up from 30B/1433).						2	DTD610		
3749	Std.841/38	Clip, drain pipe attachment to accumulator mounting.						2	DTD610	MR/C	
3750	Std.842/10	Clip, attachment of pressure test drain pipe 7/16" wide x 22 s.w.g. x 1" long (Make from 30A/549).						1	S.3	MR/C	

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

Page N.4

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
4284	Std. 851/41.C						Clip, attaching transfer pipe, centre fuel tank 7/16" wide x 22 s.w.g. x 4.1" long (Make from 30B/1433).	2	DTD610	MR/C	
4285	Std. 851/48.C						Clip, attaching transfer pipe, centre fuel tank 7/16" wide x 22 s.w.g. x 4.8" long (Make from 30B/1433).	5	DTD610	MR/C	
2151	Std. 1166/6						Clip, half.	1	S.3 & T.26	C	
1086	F. 185873						Collar, half.	4	DTD364	C	
1729	A. 192904						Connection, tank pressurising group.	1	-	B	
1730	A. 193370						Cap, blanking.	1	DTD364	C	
	A. 192905						Connection.	1	DTD364		
	A. 184691						Guide, valve.	1	DTD364		
1731	F. 193381						Ring, sealing, for blanking cap.	1	Rubber	C	
3976	F. 197676						Ring, retaining blanking cap.	1	-	C	
3950	Dowty Seals						Seal, bonded.	1	-	C	
	G.D. 1307H										
1732	F. 184693						Spring.	1	DTD215	C	
1733	F. 184692						Valve.	1	DTD364	C	
27F/2330	Flight Refuelling F.R.S. 110L						Connector, pipe, 1.3/4" B.S.P.	2	-	C	
27F/2329	Flight Refuelling F.R.S. 110K						Connector, pipe, 1.1/2" B.S.P.	1	-	C	
27F/2328	Flight Refuelling F.R.S. 110J						Connector, pipe, 1.1/4" B.S.P.	1	-	C	
3776	Std. 1306/J20						Coupling, flexible (Make from 32C/407).	8	DTD625	MR/C	
1120	K.A.C. C.3829						Coupling, flexible, 1.1/4" B.S.P.	1	-	C	
1213	K.A.C. C.4009						Coupling, flexible, 1.1/4" B.S.P.	1	-	C	
	Flight Refuelling C.0724000/1						Coupling, refuelling (alternative to F.C.110).	1	-		
27F/2227	Avery Hardall F.C.110						Coupling, refuelling (alternative to C.0724000/1).	1	-	C	
27F/2241	Saunders A.102/3						Handle, for defuelling cock.	1	-		
4093	B.199331						Hose, flexible metallic 1" i/d. (Avica Equip. 1/8/16.8/SM/114).	1	-		

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. No	PART No						DESCRIPTION	No OFF	MATL SPEC	MR CL. of ST.	PLATE No
		1	2	3	4	5					
2852	F.189214						Label, instruction.	1	-	MR/C	
1940	Std.1231/1						Lug, locking, at water/sediment drain.	2	S.3		
3990	Std.1231/2						Lug, locking at refuelling coupling.	1	S.3	C	
2144	Std.1231/3						Lug, locking at non-return valve.	2	S.3	C	
	F.197676/3						Lug, at retaining chain.	1	S.1		
	B.190411						Mounting, for refuelling coupling assembly.	-	-		
	A.201806						Label.	1	Alum		
1061	C.189254						Mounting.	1	S.3	C	
4127	F.198948						Nipple, at refuelling branch pipe.	3	S.1	C	
1081	F.188372						Nipple.	2	S.1	C	
1082	F.188057						Nipple.	2	S.1	C	
4286	F.200042						Packing, attaching transfer pipe, centre fuel tank.	8	Fibre	MR/C	
4287	F.200043						Packing, attaching transfer pipe, centre fuel tank.	2	Fibre	MR/C	
1096	B.187406						Pipe, refuelling coupling to fuselage connection.	1	DTD253	C	
1097	C.187803						Pipe, refuelling, front tanks branch.	1	DTD253	C	
1098	C.187804						Pipe, refuelling, branch to port front tank valve.	1	DTD253	C	
1109	C.187805						Pipe, refuelling, branch to starboard front tank valve.	1	DTD253	C	
2856	C.193637						Pipe, frame 36 to connection, port.	1	DTD253	C	
1105	C.188051/7						Pipe, port, tank booster pump to twin N.R.V.	1	DTD253	C	
1106	C.188051/8						Pipe, starboard, tank booster pump to twin N.R.V.	1	DTD253	C	
1215	C.189522/2						Pipe, frame 36 to connection, starboard.	1	DTD253	C	
1216	C.189522/3						Pipe, connection to frame 32, port.	1	DTD253	C	
1217	C.189522/4						Pipe, connection to frame 32, starboard.	1	DTD253	C	
1218	C.189522/5						Pipe, centre tank to N.R.V. port.	1	DTD253	C	
1219	C.189522/6						Pipe, centre tank to N.R.V. starboard.	1	DTD253	C	
1220	C.189522/7						Pipe, connection to L.P. cock.	1	DTD253	C	
1221	C.189522/8						Pipe, flexible coupling to flexible coupling.	1	DTD253	C	
1223	C.189522/10						Pipe, connection to refuelling branch.	1	DTD253	C	
1224	C.189522/11						Pipe, rear tank to frame 36.	2	DTD253	C	

RESTRICTED

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

Page N.6

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
1225	C.189522/12						Pipe, L.P. cock to flexible coupling.	1	DTD253	C	
1738	C.189522/13						Pipe air pressure N.R.V. to rear tank branch pipe.	1	DTD253	C	
1739	C.189522/14						Pipe, air pressure, valve to branch pipe.	1	DTD253	C	
1740	C.189522/15						Pipe, transfer, connection to pipe, port.	1	DTD253	C	
1741	C.189522/16						Pipe, transfer, connector to pipe, starboard.	1	DTD253	C	
1742	C.189522/17						Pipe, air pressure, branch pipe to pipe at rear tank.	2	DTD253	C	
3899	C.189522/18						Pipe, front tank vent.	1	DTD253	C	
	C.189522/19						Pipe, front tank vent.	1	DTD253	C	
1114	B.188908/1						Pipe, drain, port tank pump to drain valve.	1	DTD253	C	
1115	B.188908/2						Pipe, drain, starboard tank pump to drain valve.	1	DTD253	C	
1118	B.188908/7						Pipe, port tank, pump drain.	1	T.9	C	
1119	B.188908/8						Pipe, starboard tank, pump drain.	1	T.9	C	
3992	† B.188908/9						Pipe, pressure test connection, 3/16" o/d x 22 s.w.g.	1	DTD253	MR/C	
1226	C.189490						Pipe, transfer connection to centre tank, port.	1	DTD253	C	
1227	C.189491						Pipe, transfer, connection to centre tank, starboard.	1	DTD253	C	
1228	D.189800						Pipe, transfer, to front tank, port.	1	DTD253	C	
1229	D.189801						Pipe, transfer, to front tank, starboard.	1	DTD253	C	
1230	C.189802						Pipe, delivery, from twin non-return valve.	1	DTD253	C	
1234	A.189586						Pipe, refuelling, to centre tank refuelling valve, port.	1	DTD253	C	
1231	C.189587						Pipe, refuelling, to centre tank refuelling valve, starboard.	1	DTD253	C	
1232	C.189585						Pipe, refuelling, branch.	1	DTD253	C	
1233	C.189864						Pipe, refuelling, branch.	1	DTD253	C	
2857	† B.189865/1						Pipe, drain, transfer pipe to drain valve, port.	1	DTD253	MR/C	
2858	† B.189865/2						Pipe, drain, transfer pipe to drain valve, starboard.	1	DTD253	MR/C	
2859	† B.189865/3						Pipe, drain, relief valve to connection, port.	1	T.9	MR/C	
2860	† B.189865/4						Pipe, drain, relief valve to connection, starboard.	1	T.9	MR/C	
2861	† B.189865/5						Pipe, drain, connection to port front tank vent.	1	DTD253	MR/C	

† For details see piping chart.

RESTRICTED

HAL 2725/2

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. NO.	PART NO.	DESCRIPTION.					NO OFF	MATL. SPEC.	M.R. CL. of ST.	PLATE NO.
		1	2	3	4	5				
2862	† B.189865/6	Pipe,	drain,	connection to	starboard front tank vent.	1	DTD253	MR/C		
1735	B.189866/7	Pipe,	drain,	transfer pipe to	connection, port.	1	DTD253	C		
1736	B.189865/8	Pipe,	drain,	transfer pipe to	connection starboard.	1	DTD253	C		
1737	B.189865/9	Pipe,	drain,	connection to drain	valve.	2	DTD253	C		
2853	† B.189865/10	Pipe,	drain transfer pressure	switch.		1	DTD253	MR/C		
2854	† B.189865/11	Pipe,	drain transfer pressure	switch.		1	DTD253	MR/C		
2855	B.189865/12	Pipe,	drain,	engine supply to	atmosphere	1	DTD253	C		
1089	A.186267	Plate,	cover.			2	DTD610	C		
1210	F.191277	Plate,	sealing.			4	Ferobestos	C		
5UE/6167	SPE.1007	Pump,	fuel booster.			2	-	A		
3949	Dowty Seals GS.1309/26	Ring,	sealing at engine fuel inlet.			1	-	C		
3944	Dowty Seals GD.1308/1	Ring,	sealing, 'O' type.			2	-	C		
3945	Dowty Seals GD.1308/2	Ring,	sealing, 'O' type.			4	-	C		
3948	Dowty Seals GD.1309/25	Ring,	sealing, 'O' type.			1	-	C		
1132	F.173506	Screw,	sealing, for tank retaining	nuts.		14	DTD364	C		
3932	Dowty Seals GD.1307/3	Seal,	bonded.			12	-	C		
3937	Dowty Seals GD.1307/B	Seal,	bonded.			8	-	C		
3938	Dowty Seals GD.1307/BB	Seal,	bonded.			4	-	C		
3939	Dowty Seals GD.1307/C	Seal,	bonded.			2	-	C		
3942	Dowty Seals GD.1307/J	Seal,	bonded.			2	-	C		
27F/2336	Flight Refuelling F.R.S.185/L	Shield,	heat.			2	-	C		
27F/2367	Flight Refuelling A.1111080	Sleeve,	screwed.			4	-	C		
6A/1912	- D.177207	Switch,	pressure, Mk.1B*. Tanks, forward, installation, assembly.			3	-	-		
6A/3447	Smiths J.A.5	Box,	terminal, contents gauge.			2	-	A		
†	For details see piping chart.									

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

Page N.8

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATEL. SPEC.	MR CL of ST.	PLATE NO.
		1	2	3	4	5					
2144	Std.1231/3					Lug, locking.	1	S.3	C		
1127	F.181002					Plate, locking.	2	DTD610	C		
1124	A.169270					Plate, mounting, refuelling valve.	2	DTD610	C		
1125	F.170684					Piece, distance.	8	DTD364	C		
4125	F.199646					Screw special (Marston Tanks only).	14	-	C		
5C/4642	Smiths 1696. F.G.					Switch, fuel level.	2	-	A		
-	-					Tanks, see section Q.	-	-			
1122	A.190085					Washer, sealing, between inverted flight valve and tank.	2	DTD762	C		
1123	A.189003					Washer, sealing, at refuelling valve.	2	DTD762	C		
1126	F.170685					Washer, special.	8	DTD610	C		
1128	F.189008					Washer, sealing, at transfer connection.	2	DTD762	C		
1129	F.189043					Washer, sealing, at level switch.	2	DTD762	C		
1130	F.189006					Washer, sealing, at fuel gauge terminal box.	2	DTD762	C		
1131	A.189041					Washer, sealing, at transfer connection.	2	DTD762	C		
	E.183259					Tanks, centre, installation assembly.-	-	-			
6A/3447	Smiths J.A.5					Box, terminal, contents gauge.	2	-	A		
4125	F.199646					Screw, special (Marston Tanks only).	10	-	C		
-	-					Tanks, see section "Q".	-	-			
1152	A.186840					Valve, suction relief, group.	2	-	B		
430	F.184480					Collar.	1	DTD364	C		
	A.186839					Seat, valve.	1	DTD364			
440	F.184475					Spring.	1	Phos.Bz.	C		
442	F.184481					Valve.	1	DTD364	C		
1235	F.189817					Washer, sealing, at transfer connection to rear tanks.	2	DTD762	C		
1123	A.189003					Washer, sealing, at refuelling valve.	2	DTD762	C		
1130	F.189006					Washer, sealing, at contents gauge terminal box.	2	DTD762	C		
1150	F.189373					Washer, sealing, inner for suction relief valve.	2	DTD762	C		
1151	F.189374					Washer, sealing, outer for suction relief valve.	2	DTD762	C		
-	Std.1509/ 2/050					Tube, distance 1/4" o/d x 22 s.w.g. x .5" long (Make from 30B/555).	2	T.4	-		
1083	A.188370					Union, adapter.	2	DTD364	C		

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. NO	PART NO	DESCRIPTION					NO OFF	MATL. SPEC	MR. CL of ST	PLATE NO
		1	2	3	4	5				
1090	F.173383	Union, reducing.					2	DTD364	C	
1734	A.189594	Union, bulkhead 3/4" B.S.P.					2	DTD364	C	
1908	KAC. C.3191	Valve, drain water/sediment.					6	-	B	
5UE/6168	SPE.BP.26	Valve, inverted flight, Mk.2.					2	-	A	
1071	A.186567	Valve, non-return, group.					2	-	B	
2144	Std.1231/3	Lug, locking.					1	S.3	C	
1072	F.185048	Pin.					1	DTD364	C	
1076	F.186616	Screw.					10	-	C	
1073	F.171937	Spring.					1	Phos.Bz.	C	
1074	A.186567/A	Valve, hinge, group. Consisting of:-					1	-	C	
	F.185046	Hinge.					1	DTD610		
	F.185047	Valve.					1	DTD364		
	F.186594	Washer.					1	DTD610		
1075	F.185049	Washer, sealing.					1	Klingerite	C	
4157	B.197673	Valve, twin, non return, group (alternative to B.185861).					1	-	B	
1077	B.185861	Valve, twin non return, group (alternative to ref. 4157).					1	-	B	
1079	F.171936	Pin.					2	DTD364	C	
1073	F.171937	Spring.					2	Phos.Bz.	C	
1078	B.185861/A	Valve, hinge, group:- Consisting of:-					2	-	C	
	F.185865	Hinge.					1	DTD610		
	F.185864	Valve.					1	DTD364		
	F.186594	Washer.					1	DTD610		
1080	F.185866	Washer, sealing (non reheat a/c).					2	DTD762	C	
27F/	Self Priming Pumps SPE.1735	Valve, non return, pressurising.					1	-	B	
1062	B.185414	Valve, suction and pressure relief group.					2	-	A	
428	F.184477	Adjuster valve.					1	DTD364	C	
429	A.184476	Cap, valve.					1	DTD364	C	
430	F.184480	Collar.					2	DTD364	C	
1882	F.195019	Plug.					2	DTD364	C	
431	A.184478	Ring cap.					1	DTD364	C	
3931	Dowty Seals GD.1288	Ring, sealing.					1	-	C	
3947	Dowty Seals GD.1308/8	Ring sealing "O" type.					1	-	C	
3933	Dowty Seals GD.1307/6	Seal, bonded.					2	-	C	

RESTRICTED

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

Page N. 10

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
432	F. 184482						Screw,	6	-	C	
3935	Dowty Seals GD. 1307/23						Seal, bonded.	1	-	C	
434	F. 184473						Seat, valve.	2	DTD364	C	
1068	F. 185613						Spring.	1	DTD239	C	
440	F. 184475						Spring.	1	Phos. Bz.	C	
441	A. 184484						Valve.	1	DTD364	C	
442	F. 184481						Valve.	1	DTD364	C	
	F. 201931						Washer.	1	DTD610	C	
27F/2366	Flight Refuelling C. 1112000/3						Valve, refuelling, Mk. 12.	4	-	A	
1092	A. 189002						Washer, sealing, at refuelling valve.	4	DTD762	C	
1093	F. 189004						Washer, sealing, transfer pipe to tank,	2	DTD762	C	
3991	F. 197363						Washer, at refuelling valve.	4	DTD762	C	
1211	F. 189815						Washer, sealing, transfer pipe to centre tank.	2	DTD762	C	
1212	F. 189816						Washer, sealing transfer pipe to centre tank.	2	DTD762	C	
1155	F. 189024						Washer, sealing at twin non-return valve.	2	DTD762	C	
1094	A. 189042						Washer, sealing, at cover plate.	2	DTD762	C	

REF. No.	PART No.						No OFF	MATL. SPEC.	M.R. CL. of ST.	PLATE No
		1	2	3	4	5				
<u>Pages N. 13 to N. 20 reserved for amendments.</u>										

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. No	PART No						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/10798	AGS. 1129.B						Body, banjo.				
28F/11079	AGS. 1129.BB						Body, banjo.				
28F/10018	AGS. 1135B						Bolt, banjo.				
28D/12528	A. 25. 1B						Bolt, 4 B.A.				
28D/12512	A. 25. 1C						Bolt, 2 B.A.				
28D/12513	A. 25. 2C						Bolt, 2 B.A.				
28D/12531	A. 25. 3C						Bolt, 2 B.A.				
28D/12533	A. 25. 5C						Bolt, 2 B.A.				
28D/12534	A. 25. 9C						Bolt.				
28D/12515	A. 25. 10C						Bolt, 2 B.A.				
28D/12535	A. 25. 12C						Bolt, 2 B.A.				
28D/12887	A. 25. 34C						Bolt, 2 B.A.				
28D/12911	A. 25. 35C						Bolt, 2 B.A.				
28D/12519	A. 25. 3E						Bolt, 1/4" B.S.F.				
28E/10154	AGS. 605/00						Clip.				
28F/8280	AGS. 1142H						Nipple, 1" B.S.P.				
28F/8235	AGS. 1142F						Nipple, 3/4" B.S.P.				
28F/8216	AGS. 1142J						Nipple, 1.1/4" B.S.P.				
28F/11777	AGS. 1142K						Nipple, 1.1/2" B.S.P.				
28F/14.123	AGS. 1170B						Nipple.				
28F/10773	AGS. 1170F						Nipple, 3/4" B.S.P.				
28F/11904	AGS. 1170G						Nipple, 7/8" B.S.P.				
28F/11906	AGS. 1170J						Nipple, 1.1/4" B.S.P.				
28M/10288	AGS. 2001.C1						Nut, 2 B.A.				
28M/10327	AGS. 2002.B1						Nut, 4 B.A.				
28M/10319	AGS. 2002.C3						Nut, 2 B.A.				
28M/10328	AGS. 2002.C1						Nut, 2 B.A.				
28M/10330	AGS. 2002.E1						Nut, 1/4" B.S.F.				
28M/10216	AGS. 2008.C1						Nut, anchor 2 B.A.				
28M/13121	A. 27.CS						Nut, 2 B.A. slotted.				
28F/14.358	AGS. 114OK						Plug, nipple 1.1/2" B.S.P.				
28F/11884	AGS. 1143/A						Plug, cone.				
28D/9294	AS. 124.2/5B						Screw, 4 B.A.				
28D/8306	AS. 124.2/1C						Screw, 2 B.A.				
28D/8307	AS. 124.2/2C						Screw, 2 B.A.				
28S/	AS. 2993/5B						Screw, 4 B.A.				
28S/13316	AS. 2993/6C						Screw, 2 B.A.				
28F/11931	AGS. 904K						Sleeve, outer 1.1/2" B.S.P.				

SERVICES - FUEL SYSTEM CENTRE FUSELAGE

REF. NO.	PART NO.	DESCRIPTION					NO. OFF.	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5				
28P/12587	SP. 9.C4	Split pin.								
28P/12462	SP. 9.C8	Split pin.								
28F/9708	AGS. 1104B	Union, double ended.								
28F/10509	AGS. 1107A	Union, reducing.								
28F/9652	AGS. 1138E	Washer.								
28W/12305	SP. 13.B	Washer, 4 B.A.								
28W/12252	SP. 13.C	Washer, 2 B.A.								
28W/12306	SP. 15.B	Washer, 4 B.A.								
28W/12296	SP. 15.C	Washer, 2 B.A.								
28W/12297	SP. 16.E	Washer, 1/4" B.S.F.								

SERVICES - FUEL SYSTEM REAR FUSELAGE

Issued on A.L. No. 1

Page N. 23

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
	C. 183828	FUEL SYSTEM REAR FUSELAGE ASSEMBLY.						-	-		
2727	F. 195128	Block, clamping, for pressure pipes from relief valves.						3	LFS. 21	MR/C	N. 7
421	A. 185593	Clamp, suction, pressure and twin gate valve attachment, group.						3	-	C	
2723	F. 184931	Bolt, eye.						1	S. 94. B	MR/C	N. 7
2724	F. 185592	Washer.						1	DTD364	MR/C	N. 7
3761	Std. 851/37	Clip, support, 7/16" wide x 22 s.w.g. (Make from 30B/1433).						3	DTD610	MR/C	4
4053	F. 195015	Clip, support, for pipe.						1	DTD610	MR/C	N. 7
3741	Std. 840/20	Clip, support, 7/16" wide x 22 s.w.g.						1	DTD610	C	4
3895	A. 189935	Fairlead.						4	LFS. 21	C	N. 7
2095	F. 194603	Fairlead.						4	LFS. 21	C	N. 7
2725	F. 195096	Fairlead, for pressure pipes.						2	LFS. 21	MR/C	N. 7
27VA/3451	Dunlop	Filter, air.						2	-	A	
422	ACM. 16642										
422	A. 186347	Extension, for rear tank suction relief valve.						2	DTD364	C	N. 7
423	C. 184965	Piece 'Y' for vent pipe.						1	-	C	N. 7
2028	B. 195140/1	Pipe, fuel, valve to connection, port.						1	DTD253	C	N. 7
2029	B. 195140/2	Pipe, fuel, valve to connection, starboard.						1	DTD253	C	N. 7
2711	† B. 195140/3	Pipe, fuel, connection to transport joint, port.						1	DTD253	MR/C	N. 7
2712	† B. 195140/4	Pipe, fuel, connection to transport joint, starboard.						1	DTD253	MR/C	N. 7
424	B. 184767/1	Pipe, vent.						1	DTD253	C	N. 7
435	B. 184767/2	Pipe, fuel, from pressure relief valve to pressure reducing valve, port.						1	DTD253	C	N. 7
436	B. 184767/3	Pipe, fuel, pressure relief valve to pressure reducing valve, starboard.						1	DTD253	C	N. 7
437	B. 184767/4	Pipe, fuel, pressure reducing valve to diaphragm, port.						1	DTD253	C	N. 7
438	B. 184767/5	Pipe, fuel, pressure reducing valve to diaphragm, starboard.						1	DTD253	C	N. 7
1879	B. 184767/6	Pipe, fuel, diaphragm to filter.						2	DTD253	C	N. 7
1880	B. 184767/8	Pipe, fuel, filter to coupling, port.						1	DTD253	C	N. 7
1881	B. 184767/9	Pipe, fuel, filter to coupling, starboard.						1	DTD253	C	N. 7

RESTRICTED

SERVICES - FUEL SYSTEM REAR FUSELAGE

Page N. 24

Issued on A.L. No.1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
2709	† B.184767/10						Pipe, fuel, reducing valve balance, port.	1	DTD253	MR/C	N.7
2710	† B.184767/11						Pipe, fuel, reducing valve balance, starboard.	1	DTD253	MR/C	N.7
3945	Dowty Seals GD.1308/2						Ring, sealing, at suction pressure relief and twin gate valves.	2	-	C	
3937	Dowty Seals GD.1307/B D.177269						Seal, bonded.	2	-	C	-
6A/3447	Smith J.A.5						Tank, installation assembly. Box, terminal, for contents gauge.	- 2	- -	- B	
425	A.186493						Connector.	2	DTD364	C	N.7
426	A.186492						Connector.	2	DTD364	C	N.7
5CW/4642	Smiths 1696.FG.						Switch, fuel level.	2	-	A	
	-						Tanks, see section "Q".	-	-		
427	B.185867						Valve, suction and pressure relief, group.	2	-	A	N.7
2726	A.195020						Adaptor, union for pressure gauge pipe.	1	DTD364	MR/C	N.7
428	F.184477						Adjuster, valve.	1	DTD364	C	N.5
429	A.184476						Cap, valve.	1	DTD364	C	N.5
430	F.184480						Collar, valve.	3	DTD364	C	N.7
1882	F.195019						Plug.	1	DTD364	C	N.5
3947	Dowty Seals GD.1308/8						Ring, sealing, "O" type.	1	-	C	N.7
431	A.184478						Ring, cap.	1	DTD364	C	N.5
432	F.184482						Screw, adapter, attachment to body.	4	-	C	N.7
433	F.186042						Screw, adapter, attachment to body.	2	-	C	N.7
3935	Dowty Seals GD.1307/23						Seal, bonded, between cap and cap ring.	1	-	C	N.5
3933	Dowty Seals GD.1307/6						Seal, bonded, at plug.	2	-	C	N.7
3941	Dowty Seals GD.1307/G						Seal, bonded, between plug and adapter.	1	-	C	N.7
434	F.184473						Seat, valve.	2	DTD364	C	N.7
439	F.185612						Spring.	1	DTD239	C	N.7
440	F.184475						Spring, at valve seat.	2	Phos.Br.	C	N.7
441	A.184484						Valve.	1	DTD364	C	N.5
442	F.184481						Valve.	2	DTD364	C	N.7
3931	Dowty Seals GD.1288						Washer, between body and cap ring.	1	-	C	N.7
4666	F.201931						Washer, between main spring and adjuster.	1	DTD610	C	N.5

RESTRICTED

HAL 11112

SERVICES - FUEL SYSTEM REAR FUSELAGE

Issued on A.L. No. 1.

Page N. 25

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
27VA/	Dunlop ACM. 17482						Valve, pressure reducing.	2	-	A	
27F/2242	Saunders HG. 110.C12						Valve, twin gate 1½".	1	-	A	
4124	Std. 821/35						Washer, jointing rear tank extrusion piece	2	DTD. 610	C	4
446	F. 186084						Washer, sealing, at vent pipe	1	Klingerite	C	N. 7

SERVICES - FUEL SYSTEM REAR FUSELAGE

REF. No.	PART No.	DESCRIPTION					No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No.
		1	2	3	4	5				
<u>Pages N.27 to N.30 reserved for amendments</u>										

SERVICES - FUEL SYSTEM REAR FUSELAGE

Issued on A.L. No. 1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/9703	AGS. 1102.A						Body, cone union,				
28F/8235	AGS. 1142.F						Nipple.				
28F/11905	AGS. 1170.H						Nipple.				
28F/12071	AGS. 1170.K						Nipple.				
28F/11777	AGS. 1142.K						Nipple.				
28M/12929	A. 27.CP						Nut, 2 B.A.				
28M/13121	A. 27.CS						Nut, 2 B.A.				
28P/12587	SP. 9.C4						Pin, split.				
28P/12462	SP. 9.C8						Pin, split.				
28R/7163	AGS. 566.G						Plug.				
28S/14548	A. 33.C10						Screw, 2 B.A.				
28S/14568	AS. 2993.4C						Screw, 2 B.A.				
28W/12296	SP. 15.C						Washer, 2 B.A.				
28F/9652	AGS. 1138E						Washer, 1/4" dia.				

SERVICES - GUN HEATING

REF. NO	PART NO.						DESCRIPTION	NO OFF	MATL SPEC	MR CL of ST	PLATE NO
		1	2	3	4	5					
	D.191796	<u>GUN HEATING INSTALLATION ASSEMBLY.</u>						-			
1136	A.186450	Clamp, pipe connection flexible pipe to engine.						1	-	C	
1366	Std.1682/10	Clip, pipe joint.						12	S.3	C	5
4039	Std.841/51	Clip, support, 7/16" wide x 22 s.w.g. (Make from 30B/1433).						2	DTD610	MR/C	4
4040	Std.851/41	Clip, support, 7/16" wide x 22 s.w.g. (Make from 30B/1433).						1	DTD610	MR/C	4
4166	B.200180	Hose, flexible (Avica Equipment No.1/10/14/AS/SM).						1	-	C	
3922	Dunlop ACM.17024	Hose, valve to gun package.						1	-	C	
1653	B.192093/1	Pipe, valve to 1st. connection (c/w lagging).						1	-	C	
1654	B.192093/2	Pipe, 1st. connection to 2nd. connection (c/w lagging).						1	-	C	
1655	B.192093/3	Pipe, 2nd. connection to 3rd. connection (c/w lagging).						1	-	C	
1664	B.192544/1	Pipe, 3rd. connection to 4th. connection (c/w lagging).						1	-	C	
1665	B.192544/2	Pipe, 4th. connection to 5th. connection (c/w lagging).						1	-	C	
1666	B.192544/3	Pipe, 5th. connection to flexible pipe (c/w lagging).						1	-	C	
1667	B.192783	Pipe, between frames 28 and 29.						1	-	C	
1658	F.192798	Ring, sealing.						1	Silicone Rubber	C	
1659	Std.1744/10	Sleeve.						5	Silicone Rubber	C	5
4042	Std.1509/23/ 030	Tube, distance, 5/16" o/d x 17 s.w.g. x .3" long (Make from 30B/556).						1	T.4	MR/C	4
5W/330	B.191701 Plessey CZ.72256	Valve, motorised, assembly, Actuator.						- 1	- -	A	
1390	F.173561	Block, plastic.						1	LFS.23 or LFM.63	C	
1395	F.190853	Bolt, special.						2	S.95.B	C	
1660	F.194162	Circlip.						2	St.Steel	C	
2767	F.173562	Clip.						1	DTD610	MR/C	
1661	B.191699	Valve, hot air group.						1	-	B	
1662	F.184647	Bearing, shaft.						1	S.80.B	C	
3879	A.184838	Block, insulating.						1	Ferobestos	C	
3926	F.196798	Cover, insulating.						1	Ferobestos	C	
1418	F.184868	Shaft, coupling.						1	S.62B or S.80.B	C	
1348	F.172951	Spring.						1	Steel	C	

RESTRICTED

SERVICES - GUN HEATING

Page N. 34

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL SPEC.	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
1352	F.179471						Washer, joint.	2	-	C	
3813	Std.1547/22/ 10						Washer, packing.	2	DTD610	MR/C	4

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	M.R. CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28D/12565	A25.8B					Bolt, 4 B.A.					
28D/12512	A25.1C					Bolt, 2 B.A.					
28D/12533	A25.5C					Bolt, 2 B.A.					
28D/12514	A25.7C					Bolt, 2 B.A.					
28D/12536	A25.13C					Bolt, 2 B.A.					
28D/12542	A25.5E					Bolt, 1/4" B.S.F.					
28D/12283	AS.1242/32C					Bolt, 2 B.A.					
28F/8216	AGS.1142.J					Nipple.					
28M/13086	A27.BP					Nut, 4 B.A.					
28M/12930	A27.CS					Nut, 2 B.A.					
28M/10328	AGS.2002.C1					Nut, 2 B.A.					
28M/10330	AGS.2002.E1					Nut, 1/4" B.S.F.					
28F/12462	SP.9.C8					Pin, split.					
28S/2766	A31.C16					Screw, 2 B.A.					
28F/11200	AGS.1103.J					Union, double ended.					
28W/12306	SP.15B					Washer, 4 B.A.					
28W/12296	SP.15C					Washer, 2 B.A.					
28W/12355	SP.16C					Washer, 2 B.A.					
28W/12496	SP.15E					Washer, 1/4" dia.					

SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. No	PART No						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL of ST.	PLATE No
		1	2	3	4	5					
	E.187923							-	-		
						<u>HYDRAULICS INSTALLATION IN CENTRE</u> <u>HYDRAULIC, ASSEMBLY.</u>					
4144	F.184983					Adaptor.		1	DTD364	C	
	F.202408					Angle, for clips on frame 28.		3			
2073	F.194928					Block, clamp, on keel member.		3	LFS.21	C	
2074	F.194929					Block, clamp, at front transport joint frame 19 and keel member.		4	LFS.21	C	
2075	F.194930					Block, clamp, at front transport joint and frame 19 and keel member.		6	LFS.21	C	
2055	F.193827					Block, clamp, on frame 19.		2	LFS.21	C	
2052	F.194338					Block clamp.		14	LFS.21	C	
2053	F.194339					Block, clamp, at frames 33, 36 and 37.		14	LFS.21	C	
2081	F.195583					Block, clamp, on skin between frames 26 and 27.		3	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	
2103	F.195767					Block, clamp, on starboard side of diaphragm 'G'.		1	LFS.21	C	
2104	F.195768					Block, clamp, on starboard side of diaphragm 'G'.		1	LFS.21	C	
2077	F.196062					Block, clamp, on frames 26 and keel member.		5	LFS.21	C	
2078	F.196063					Block, clamp, on frames 25, 26 and keel member.		3	LFS.21	C	
2132	F.196065					Block, clamp, on port side of diaphragm 'G'.		6	LFS.21	C	
2084	F.196075					Block, clamp, on frames 23, 25 and rear spar.		9	LFS.21	C	
2133	F.196076					Block, clamp, on frame 23.		1	LFS.21	C	
2108	F.196084					Block, clamp, on diaphragm 'G'.		1	LFS.21	C	
2109	F.196085					Block, clamp, on diaphragm 'G'.		1	LFS.21	C	
2110	F.196086					Block, clamp, on frame 22.		2	LFS.21	C	
2111	F.196087					Block, clamp, on skin between frames 26 and 27.		1	LFS.21	C	
2112	F.196088					Block, clamp, on skin between frames 26 and 27.		1	LFS.21	C	
2113	F.196089					Block, clamp, on skin between frames 26 and 27.		1	LFS.21	C	
2116	F.196095					Block, clamp, on frames 26 and 27.		3	LFS.21	C	

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

Page N.38

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
2117	F.196096						Block, clamp, between frames 26 and 27.	1	LFS.21	C	
2118	F.196097						Block, clamp, between frames 26 and 27.	1	LFS.21	C	
2120	F.196100						Block, clamp, on frame 27.	4	LFS.21	C	
2122	F.196104						Block, clamp, on frame 32.	2	LFS.21	C	
2126	F.196108						Block, clamp, on frame 30.	4	LFS.21	C	
4398	F.201341						Block, clamp, on frame 26.	1	LFS.21	C	
4399	F.201342						Block, clamp, on frame 26.	1	LFS.21	C	
4400	F.200400						Block, clamp, on skin between frames 26 and 27.	1	LFS.21	C	
4401	F.200401						Block, clamp, on skin between frames 26 and 27.	1	LFS.21	C	
4402	F.200402						Block, clamp, on skin between frames 26 and 27.	1	LFS.21	C	
4403	F.200686						Block, clamp, on skin between frames 26 and 27.	1	LFS.21	C	
4404	F.200687						Block, clamp, on skin between frames 26 and 27.	1	LFS.21	C	
4405	F.201936						Block, clamp, on rear spar.	1	LFS.21	C	
4145	F.191382						Bolt, banjo.	1	S.95.B	C	
27M/8774	Auto Prod. AVA.64A						Cap, coupling, 1/8" B.S.P.	1	-	C	
27/8832	Auto Prod. AVA.64B						Cap, coupling, 1/4" B.S.P.	1	-	C	
27M/8775	Auto Prod. AVA.64C						Cap, coupling, 3/8" B.S.P.	1	-	C	
27M/8901	Auto Prod. AVA.64D						Cap, coupling, 1/2" B.S.P.	1	-	C	
27M/8777	Auto Prod. AVA.64F						Cap, coupling, 3/4" B.S.P.	1	-	C	
4406	F.201560						Cleat, on rear spar.	2	LFS.21	C	
4407	F.201338						Cleat, on skin between frames 31 and 32.	1	LFS.21	C	
4408	F.201339						Cleat, on skin between frames 31 and 32.	1	LFS.21	C	
4409	F.201340						Cleat, on skin at frame 26.	2	LFS.21	C	
4410	F.202000						Clip, pipe support on frame 33.	1	LFS.21	MR/C	
4146	F.193863						Clip, support, for pressure reducing valve.	1	S84 or S83C	C	
3734	Std.840/14						Clip, support, for earthing connectors.	8	DTD610	MR/C	
3735	Std.840/16						Clip, pipe support, on frame 27, 7/16" wide x 22 s.w.g. x 1.6" long (Make from 30B/1433).	1	DTD610	MR/C	

SERVICES - HYDRAULIC CENTRE FUSELAGE

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
3738	Std.840/29						Clip, pipe support, on frame 27, 7/16" wide x 22 s.w.g. x 2.9" long (Make from 30B/1433).	1	DTD610	MR/C	
3750	Std.842/10						Clip, pipe support, on frame 32 and diaphragm 'G' 7/16" wide x 22 s.w.g. x 1" long (Make from 30A/549).	7	S.3	MR/C	
3751	Std.842/12						Clip, pipe support, on frames 27, 28, 29, 30, 32, 34 and 36, 7/16" wide x 22 s.w.g. x 1.2" long (Make from 30A/549).	5	S.3	MR/C	
3755	Std.843/13						Clip, pipe support, at diaphragm 'G', 7/16" wide x 22 s.w.g. x 1.3" long (Make from 30A/549).	1	S.3	MR/C	
4297	Std.843/11						Clip, pipe support on diaphragm 'G' 7/16" wide x 22 s.w.g. x 1.1" long (Make from 30A/549).	1	S.3	MR/C	
4000	Std.1285/2/ BB						Connector, earthing.	3	-	C	
4135	Std.1285/2/ BC						Connector, earthing.	1	-	C	
27M/8749	Auto Prod. AVA.55B						Coupling, 1/4" B.S.P.	1	-	C	
27M/8750	Auto Prod. AVA.55C						Coupling, 3/8" B.S.P.	1	-	C	
27M/8752	Auto Prod. AVA.55F						Coupling, 3/4" B.S.P.	1	-	C	
27M/8761	Auto Prod. AVA.58A						Coupling, 1/8" B.S.P.	1	-	C	
27M/8900	Auto Prod. AVA.58D						Coupling, 1/2" B.S.P.	1	-	C	
27M/9461	Auto Prod. MFHA.42						Element, filter, (Purolater).	1	-	C	
4187	F.201941 Tecalmit FJ.2651						Fairlead, on frame 19. Filter, oil body.	1 1	LFS.21 -	 A	
4188	Tecalmit 137175						Washer, sealing.	1	-	C	
4296	A.201940 B.200918						Guard, on frame 19. Handle, for hand pump, group.	1 1	L.72 -	 B	
27M/1073	UMC.529						Hand-grip.	1	-	C	
4607	F.191292						Pin, (Referenced 26AQ/3371 for Admiralty).	1	-	C	

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. No	PART No						DESCRIPTION	No OFF	MATL SPEC	MR CL of ST.	PLATE No
		1	2	3	4	5					
27Q/1129	Dowty C.4486Y Mk.A						Jack, undercarriage door, port.	1	-	A	
27Q/1130	Dowty C.4486Y.Mk.B						Jack, undercarriage door, starboard	1	-	A	
1940	Std.1231/1						Lug, locking	3	S.3	C	
4148	Std.1651/ B/57						Olive, restrictor	2	S.1	C	
3608 †	C.187924/11						Pipe, pressure, union to union.	1	DTD.323	MR/C	
3609 †	C.187924/12						Pipe, pressure, union to union	1	DTD.323	MR/C	
3617 †	C.187924/43						Pipe, return, union to union	1	DTD.323	MR/C	
3618 †	C.187924/44						Pipe, return, union to union	1	DTD.323	MR/C	
3620 †	C.187924/55						Pipe, u/c 'up', sequence valve to union.	1	DTD.323	MR/C	
1989	C.187924/56						Pipe, u/c 'up' union to fairing door jack	1	DTD.323	C	
1991	C.187924/62						Pipe, u/c 'up', union to fairing door jack	1	DTD.323	C	
3627 †	C.187924/65						Pipe, u/c 'up', union to union.	1	DTD.323	MR/C	
3628 †	C.187924/66						Pipe, u/c 'up', union to union.	1	DTD.323	MR/C	
3634 †	C.187924/76						Pipe, u/c 'down', union to union	1	DTD.323	MR/C	
3635 †	C.187924/77						Pipe, u/c air, union to union	1	DTD.323	MR/C	
3636 †	C.187924/78						Pipe, u/c air, union to union	1	DTD.323	MR/C	
1996	C.187924/81						Pipe, wheel brake union to union	1	DTD.323	C	
3639 †	C.187924/82						Pipe, port wheel brake union to union.	1	DTD.323	MR/C	
3643 †	C.187924/86						Pipe, starboard wheel brake union to union.	1	DTD.323	MR/C	
3644 †	C.187924/87						Pipe, starboard wheel brake union to union.	1	DTD.323	MR/C	
3647 †	C.187924/92						Pipe, flap air, union to union.	1	DTD.323	MR/C	
3648 †	C.187924/93						Pipe, flap air, union to union.	1	DTD.323	MR/C	
4299	C.199615/1						Pipe, pressure, engine driven pump to non return valve	1	DTD.477	C	
4300	C.199615/2						Pipe, pressure, non return valve to tee-piece.	1	DTD.477	C	
4301	C.199615/3						Pipe, pressure, tee-piece to tee-piece.	1	DTD.477	C	
4302	C.199615/4						Pipe, pressure, tee-piece to tee-piece.	1	DTD.477	C	
4303	C.199615/5						Pipe, pressure, tee-piece to external supply valve.	1	DTD.477	C	
4304 †	C.199615/6						Pipe, pressure, tee-piece to port wing break	1	DTD.477	MR/C	
4305 †	C.199615/7						Pipe, pressure, tee-piece to 4 way piece	1	DTD.477	MR/C	
4306	C.199615/8						Pipe, pressure, 4 way piece to starboard wing break	1	DTD.477	C	

† For details see piping chart

SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. NO	PART NR	DESCRIPTION					Nº OFF	MATL SPEC	MR CL of ST	PLATE Nº
		1	2	3	4	5				
4307 †	C.199615/9	Pipe, pressure, 4 way piece to tee-piece.					1	DTD.477	MR/C	
4308	C.199615/10	Pipe, pressure, tee-piece to union					1	DTD.477	C	
4309 †	C.199615/11	Pipe, pressure, tee-piece to union.					1	DTD.477	MR/C	
4310 †	C.199615/12	Pipe, pressure, union to union.					1	DTD.477	MR/C	
4311 †	C.199615/13	Pipe, pressure, union to union.					1	DTD.477	MR/C	
4312 †	C.199615/14	Pipe, pressure, union to union.					1	DTD.477	MR/C	
4313	C.199615/15	Pipe, pressure, 4 way piece to bulkhead connection					1	DTD.477	C	
4314	C.199615/16	Pipe, pressure, bulkhead connection to non return valve.					1	DTD.477	C	
4315 †	C.199615/17	Pipe, pressure, non return valve to tee piece.					1	DTD.477	MR/C	
4316 †	C.199615/18	Pipe, pressure, tee-piece to handpump.					1	DTD.477	MR/C	
4317 †	C.199615/19	Pipe, pressure, tee-piece to H.P. pressure relief valve.					1	DTD.477	MR/C	
4319	C.199615/21	Pipe, pressure, tee-piece to pressure reducing valve					1	DTD.477	C	
4320	C.199615/22	Pipe, suction, reservoir to union.					1	DTD.477	C	
4321	C.199615/23	Pipe, suction, union to filter					1	DTD.477	C	
4322	C.199615/24	Pipe, suction, filter to tee-piece					1	DTD.477	C	
4323	C.199615/25	Pipe, suction, tee piece to external supply valve.					1	DTD.477	C	
4324	C.199615/26	Pipe, suction, tee-piece to engine driven pump.					1	DTD.477	C	
4325	C.199615/27	Pipe, suction, filter to tee-piece					1	DTD.477	C	
4326 †	C.199615/28	Pipe, suction, tee piece to hand pump.					1	DTD.477	MR/C	
4327 †	C.199615/29	Pipe, suction, tee piece to H.P. pressure relief					1	DTD.477	MR/C	
4328 †	C.199615/30	Pipe, return, reservoir to 4 Way piece.					1	DTD.323	MR/C	
4329	C.199615/31	Pipe, return, 4 way piece to starboard wing break					1	DTD.323	C	
4330	C.199615/32	Pipe, return, 4 way piece, to tee piece.					1	DTD.323	C	
4331	C.199615/33	Pipe, return, tee piece to port wing break.					1	DTD.323	C	
4332 †	C.199615/34	Pipe, return, 4 way piece to union.					1	DTD.323	MR/C	
4333	C.199615/35	Pipe, return, union to union.					1	DTD.323	C	
4334	C.199615/36	Pipe, return, union to tee piece					1	DTD.323	C	
4335	C.199615/37	Pipe, return tee piece to external supply valve.					1	DTD.323	C	
4336	C.199615/38	Pipe, return, tee piece to 4 way piece					1	DTD.323	C	

† For details see piping chart.

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

Page N.42

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
4337 †	C.199615/39						Pipe, return, 4 way piece to pressure reducing valve.	1	DTD.323	MR/C	
4338 †	C.199615/40						Pipe, return, 4 way piece to upper pressure relief valve	1	DTD.323	MR/C	
4339 †	C.199615/41						Pipe, return, 4 way piece to lower pressure relief valve.	1	DTD.323	MR/C	
4340	C.199615/42						Pipe, return, tee piece to tee piece.	1	DTD.477	C	
4341 †	C.199615/43						Pipe, return, tee piece to tee piece.	1	DTD.477	MR/C	
4342 †	C.199615/44						Pipe, return, tee piece to engine driven pump.	1	DTD.477	MR/C	
4343 †	C.199615/45						Pipe, return, tee piece to union	1	DTD.477	MR/C	
4344	C.199615/46						Pipe, return, union to union	1	DTD.477	C	
4345 †	C.199615/47						Pipe, return, union to union	1	DTD.477	MR/C	
4346 †	C.199615/48						Pipe, return, union to S.S.	1	DTD.477	MR/C	
4347	C.199615/49						Pipe, return, tee piece to union	1	DTD.477	C	
4348 †	C.199615/50						Pipe, relief, reservoir to atmosphere.	1	DTD.477	MR/C	
4349	C.199615/51						Pipe, u/c up, starboard wing break to tee piece.	1	DTD.477	C	
4350 †	C.199615/52						Pipe, u/c up, tee piece to port wing break.	1	DTD.477	MR/C	
4351	C.199615/53						Pipe, u/c up, tee piece to union	1	DTD.477	C	
4352	C.199615/54						Pipe, u/c down, starboard wing break to tee piece.	1	DTD.477	C	
4353	C.199615/55						Pipe, u/c down, tee piece to port wing break.	1	DTD.477	C	
4354	C.199615/56						Pipe, u/c down, tee piece to union.	1	DTD.477	C	
4355	C.199615/57						Pipe, u/c down, union to union	1	DTD.477	C	
4356	C.199615/58						Pipe, u/c emergency, air, union to union.	1	DTD.477	C	
4357 †	C.199615/59						Pipe, u/c emergency air, union to stbd. wing break.	1	DTD.477	MR/C	
4358 †	C.199615/60						Pipe, u/c. emergency air, tee piece to union.	1	DTD.477	MR/C	
4359 †	C.199615/61						Pipe, emergency air, union to port wing break.	1	DTD.477	MR/C	
4360	C.199615/62						Pipe, port wheel brake, union to union.	1	DTD.477	C	
4361	C.199615/63						Pipe, port wheel brake, union to port wing break	1	DTD.477	C	
4362	C.199615/64						Pipe, stbd. wheel brake, union to union.	1	DTD.477	C	
4363 †	C.199615/65						Pipe, stbd. wheel brake, union to stbd. wing break.	1	DTD.477	MR/C	
†	For details see piping chart.										

SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. No.	PART No.						DESCRIPTION	No OFF	MATL SPEC	MR. CL. of ST	PLATE No.
		1	2	3	4	5					
4364	†	C.199615/66					Pipe, Aileron P/A. Stbd. wing break to union	1	DTD.477	MR/C	
4365	†	C.199615/67					Pipe, Aileron P/A. union to port wing break	1	DTD.477	MR/C	
4366		C.199615/68					Pipe, flap emergency air, union to union.	1	DTD.477	C	
4367	†	C.199615/69					Pipe, flap emergency air, union to port wing break	1	DTD.477	MR/C	
4368		C.199615/70					Pipe, wing flap up, port wing break to union	1	DTD.477	C	
4369	†	C.199615/71					Pipe, wing flaps up, union to union	1	DTD.477	MR/C	
4370	†	C.199615/72					Pipe, wing flaps up, union to union	1	DTD.477	MR/C	
4371		C.199615/73					Pipe, wing flaps up, union to union	1	DTD.477	C	
4372	†	C.199615/74					Pipe, wing flap up, union to stbd. wing break	1	DTD.477	MR/C	
4373		C.199615/75					Pipe, wing flaps down, port wing break to union	1	DTD.477	C	
4374		C.199615/76					Pipe, wing flaps down, union to union	1	DTD.477	C	
4375	†	C.199615/77					Pipe, wing flaps down, union to union	1	DTD.477	MR/C	
4376	†	C.199615/78					Pipe, wing flaps down, union to union.	1	DTD.477	MR/C	
4377	†	C.199615/79					Pipe, wing flaps down, union to stbd. wing break	1	DTD.477	MR/C	
4378	†	C.199615/80					Pipe, flap interconnection, press red valve to 4 way piece.	1	DTD.477	MR/C	
4379	†	C.199615/81					Pipe, flap interconnection, 4 way piece to upper non return valve.	1	DTD.477	MR/C	
4380	†	C.199615/82					Pipe, flap interconnection, upper non return valve to 4 way piece	1	DTD.477	MR/C	
4381		C.199615/83					Pipe, flap interconnection, 4 way piece to upper press relief valve	1	DTD.477	C	
4382		C.199615/84					Pipe, flap interconnection, 4 way piece to port wing break	1	DTD.477	C	
4383	†	C.199615/85					Pipe, flap interconnection, 4 way piece to union.	1	DTD.477	MR/C	
4384		C.199615/86					Pipe, flap interconnection, union to stbd. wing break	1	DTD.477	C	
4385	†	C.199615/87					Pipe, flap interconnection, 4 way piece to lower non return	1	DTD.477	MR/C	
4386		C.199615/88					Pipe, flap interconnection, lower non return valve to 4 way piece	1	DTD.477	C	

† For details see piping chart.

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

Page N.44

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO
		1	2	3	4	5					
4387 †	C.199615/89						Pipe, flap interconnection, 4 way piece to lower press relief	1	DTD.477	MR/C	
4388	C.199615/90						Pipe, flap interconnection, 4 way piece to port wing break	1	DTD.477	C	
4389 †	C.199615/91						Pipe, flap interconnection, 4 way piece to union	1	DTD.477	MR/C	
4390	C.199615/92						Pipe, flap interconnection, union to stbd wing break	1	DTD.477	C	
4391	C.199615/93						Pipe, flap interconnection, 4 way piece to tee piece	1	DTD.477	C	
4392 †	C.199615/94						Pipe, flap interconnection, tee piece to port wing break.	1	DTD.477	MR/C	
4393 †	C.199615/95						Pipe, flap interconnection, tee piece to union	1	DTD.477	MR/C	
4394 †	C.199615/96						Pipe, flap interconnection, union to stbd wing break	1	DTD.477	MR/C	
4264 †	C.198764/62						Pipe, u/c down, restrictor union to starboard fairing door	1	DTD.323	MR/C	
4265 †	C.198764/63						Pipe, u/c down, union to restrictor union	1	DTD.323	MR/C	
4266 †	C.198764/64						Pipe, u/c down, restrictor union to port fairing door jack	1	DTD.323	MR/C	
4267 †	C.198764/65						Pipe, u/c down, tee piece to restrictor union	1	DTD.323	MR/C	
27W/1	UMC.501						Pump, hand	1	-	A	
27Q/980	Dowty A.4950Y						Reservoir	1	-	A	
4411	F.201937						Plate, cover for clamp block on rear spar.	1	L.72	C	
4149	F.192490						Tee-piece, 3/8" - 3/8" - 1/2"	1	-	C	
1932	F.194934						Tee-piece. 1/2" - 1/2" - 1/4"	2	-	C	
3808	Std.1509/23/025						Tube-distance. 5/16" o/d x 17 s.w.g. (Make from 30B/556)	2	T.4	MR/C	
	Std.1509/23/084						Tube, distance, 5/16" o/d x 17 s.w.g. (Make from 30B/556)	1	T.4		
4023	Std.1509/12/018						Tube, distance 1/4" o/d x 20 s.w.g. (Make from 30B/619)	1	T.4	MR/C	
27Q/770	Dowty C.484Y.MK.E						Valve, pressure relief	1	-	A	
27Q/1126	Dowty C.3942Y.MK.H						Valve, sequence	2	-	A	
27Q/1089	Dowty C.5853Y.Mk.A						Valve, pressure relief	2	-	A	
†	For details see piping chart.										

SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL SPEC	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
27Q/1017	Dowty D.5582Y						Valve, non-return	1	-	A	
27Q/1018	Dowty C.4973Y.Mk.A						Valve, non-return	1	-	A	
27Q/926	Dowty D.5220Y						Valve, non-return	1	-	A	
27Q/925	Dowty D.5210Y						Valve, non-return	2	-	A	
27Q/	Dowty D.1290.Y. Mk.F						Valve, sequence	1	-		

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

Page N.46

REF. Nº.	PART Nº.						DESCRIPTION.	Nº OFF	MATL. SPEC.	MR. CL. of ST.	PLATE Nº
		1	2	3	4	5					

Pages N.47 and N.48 are reserved for amendments

RESTRICTED
SERVICES - HYDRAULICS CENTRE FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/ 11538	AGS.1105/F						Adapter, union				
28F/9709	AGS.1104/D						Adapter, cone				
28F/9728	AGS.1132/F						Body, banjo				
28F/10799	AGS.1129/C						Body, banjo				
28D/12528	A25.1B						Bolt, 4 B.A.				
28D/12511	A25.2B						Bolt, 4 B.A.				
28D/12622	A25.3.B						Bolt, 4 B.A.				
28D/12529	A25.4B						Bolt, 4 B.A.				
28D/12623	A25.5.B						Bolt, 4 B.A.				
28D/12530	A25.6B						Bolt, 4 B.A.				
28D/12624	A25.7B						Bolt, 4 B.A.				
28D/12565	A25.8B						Bolt, 4 B.A.				
28D/12625	A25.9B						Bolt, 4 B.A.				
28D/12626	A25.10B						Bolt, 4 B.A.				
28D/12627	A25.11B						Bolt, 4 B.A.				
28D/12673	A25.12B						Bolt, 4 B.A.				
28D/12810	A25.13B						Bolt, 4 B.A.				
28D/13182	A25.14B						Bolt, 4 B.A.				
28D/12512	A25.1C						Bolt, 2 B.A.				
28D/12532	A25.4C						Bolt, 2 B.A.				
28D/12566	A25.6C						Bolt, 2 B.A.				
28D/12514	A25.7C						Bolt, 2 B.A.				
28D/12515	A25.10C						Bolt, 2 B.A.				
28D/12536	A25.13C						Bolt, 2 B.A.				
28D/12540	A25.18C						Bolt, 2 B.A.				
28D/12520	A25.4E						Bolt, 1/4" dia.				
28D/12549	A25.20E						Bolt, 1/4" dia.				
28F/10018	AGS.1135/B						Bolt, banjo				
28F/9730	AGS.1135/C						Bolt, banjo				
28F/10020	AGS.1120/1						Cone-tee				
28F/9720	AGS.1120/3						Cone-tee				
28F/11902	AGS.1120/8						Cone-tee				
28F/13290	AGS.1120/11						Cone-tee				
28F/14399	AGS.1120/13						Cone-tee				
28F/10782	AGS.1118/A						Cone-tee				
28F/10610	AGS.118/B						Cone-tee				
28F/9717	AGS.1118/D						Cone-tee				
28F/11177	AGS.1159/A						Cone-cap				
28F/9735	AGS.1142/A						Nipple				
28F/9501	AGS.1142/B						Nipple				
28F/9619	AGS.1142/C						Nipple				
28F/9620	AGS.1142/D						Nipple				

RESTRICTED

SERVICES - HYDRAULICS CENTRE FUSELAGE

Page N. 50

REF. No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No
		1	2	3	4	5					
28F/8235	AGS.1142/F					Nipple					
28F/14528	AGS.1170/A					Nipple					
28F/14123	AGS.1170/B					Nipple					
28F/14529	AGS.1170/C					Nipple					
28F/14530	AGS.1170/D					Nipple					
28F/10773	AGS.1170/F					Nipple					
28M/12928	A27.EP					Nut, 1/4" B.S.F.					
28M/10287	AGS.2001.B1					Nut, 4 B.A					
28M/10288	AGS.2001.C1					Nut, 2 B.A					
28M/10327	AGS.2002.B1					Nut, 4 B.A					
28M/10328	AGS.2002.C1					Nut, 4 B.A					
28M/10330	AGS.2002.E1					Nut, 1/4" B.S.F.					
28S/2761	A31.B12					Screw, 4.B.A.					
28S/13883	A31.B14					Screw, 4.B.A.					
28S/2766	A31.C16					Screw, 2.B.A.					
28S/2833	A33.B28					Screw, 4 B.A.					
28F/5721	AGS.904/A					Sleeve, outer					
28P/12337	SP.9A4					Pin, split					
28F/9725	AGS.1123/A					Union piece					
28F/12373	AGS.1125/1					Union piece					
28F/12960	AGS.1125/4					Union piece					
28F/12244	AGS.1125/10					Union piece					
28F/9718	AGS.1119/F					Union piece					
28F/8215	AGS.1138/B					Washer					
28F/9649	AGS.1138/C					Washer					
28F/9651	AGS.1138/D					Washer					
28F/9653	AGS.1138/F					Washer					
28W/12306	SP.15.B					Washer, 4.B.A					
28W/12296	SP.15.C					Washer, 2.B.A					
28W/12496	SP.15.E					Washer, 1/4" dia.					
28W/12355	SP.16.C					Washer, 2.B.A.					
28W/12297	SP.16.E					Washer, 1/4" dia.					
28W/12253	SP.13.E					Washer, 1/4" dia.					
28W/8515	AS.470B					Washer, 4 B.A.					
28F/12049	AGS.1186/F					Washer					
28F/11581	AGS.1186/D					Washer					
28F/11958	AGS.1186/C					Washer					
28F/12048	AGS.1186/B					Washer					

SERVICES - HYDRAULIC CENTRE FUSELAGE

REF. No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No.
		1	2	3	4	5					

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Issued on A.L. No.1

Page N.53

REF. No	PART No						DESCRIPTION	No OFF	MATL. SPEC	MR. CL of ST	PLATE No
		1	2	3	4	5					
	E.187920						<u>HYDRAULIC INSTALLATION IN FRONT FUSELAGE ASSEMBLY.</u>	-	-	-	
	B.203257						Accumulator, for brake at frame 6, assembly.	-	-	-	
27VA/3393	Dunlop A.C.10610						Accumulator, hydraulic.	2	-	A	
4588	A.203239						Bracket, support, for accumulator.	2	S.3	C	
2842	A.187881						Bracket, support for accumulator.	2	S.3	MR/C	
4594	Std.1166/16						Clip, half.	2	S3 & T26	C	4
869	F.140778						Adaptor, (Referenced 26FH/570 for Admiralty).	1	-	C	
1467	F.190363						Block, clamp, at frame 6.	1	LFS.21	C	
2052	F.194338						Block, pipe clamp, between frames 5 and 6, at brake relay control valve.	1	LFS.21	C	
2053	F.194339						Block, pipe clamp, between frames 5 and 6, at brake relay control valve.	1	LFS.21	C	
2056	F.193810						Block, pipe clamp, at frames 5 and 11, also between frames 4 and 7.	5	LFS.21	C	
2057	F.193811						Block, pipe clamp, at frames 5 and 11, also between frames 4 and 7.	7	LFS.21	C	
2058	F.193813						Block, pipe clamp, at frame 15.	1	LFS.21	C	
2059	F.193814						Block, pipe clamp, at frame 15.	1	LFS.21	C	
2060	F.193815						Block, pipe clamp, at frame 15.	2	LFS.21	C	
2061	F.193816						Block, pipe clamp, at frame 15.	1	LFS.21	C	
2062	F.193817						Block, pipe clamp, at frame 15.	1	LFS.21	C	
2063	F.193820						Block, pipe clamp, at frames 13 and 14.	2	LFS.21	C	
2064	F.193821						Block, pipe clamp, at frames 13 and 14.	2	LFS.21	C	
2065	F.193822						Block, pipe clamp, at frames 13 and 14.	2	LFS.21	C	
2066	F.193823						Block, pipe clamp, at frame 12.	1	LFS.21	C	
2067	F.193824						Block, pipe clamp, at frame 12.	1	LFS.21	C	
2068	F.193825						Block, pipe clamp, at frame 12.	1	LFS.21	C	
2069	F.193852						Block, pipe clamp, at frames 10 and 12.	4	LFS.21	C	
2070	F.193856						Block, pipe clamp, at frame 10.	2	LFS.21	C	
2071	F.193857						Block, pipe clamp, at frame 10.	2	LFS.21	C	
2072	F.193854						Block, pipe clamp, at frames 5 and 13, also between frames 11 and 12.	6	LFS.21	C	

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Page N. 54

Issued on A.L. No. 1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST	PLATE NO.
		1	2	3	4	5					
4225	F.199972						Block, pipe clamp, at frame 10.	2	LFS.21	C	
2096	F.193855						Block, pipe clamp, between 11 and 12.	1	LFS.21	C	
2097	F.194348						Block, pipe clamp, at frame 9.	1	LFS.21	C	
4884	F.200006						Block, pipe clamp, at frame 8.	1	LFS.21	C	
2098	F.194349						Block, pipe clamp, at frame 9.	1	LFS.21	C	
4885	F.200007						Block, pipe clamp, at frame 8.	1	LFS.21	C	
2099	F.194350						Block, pipe clamp, at frame 9.	1	LFS.21	C	
4886	F.200008						Block, pipe clamp, at frame 8.	1	LFS.21	C	
2132	F.196065						Block, pipe clamp, between frames 5 and 6.	2	LFS.21	C	
4887	F.200009						Block, pipe clamp, at frame 8.	1	LFS.21	C	
447	F.186436						Bolt, air bottle strap clamping.	2	S.95,B	C	
863	F.190229						Bolt, air bottle strap connecting.	2	S.95,B	C	
27VA/3398	Dunlop A.C.M. 16782 or 16780 C.201308						Bottle, air, spherical.	2	-	A	
							Cable run, for brake control valve, assembly.	-	-		
4441	Dunlop A.C.M. 17353						Cable, brake control.	1	-	B	
4439	F.201310						Cleat, for brake cable adjuster.	2	DTD610	MR/C	
4440	F.201307						Clip, for brake cable.	2	S.3	MR/C	
4442	A.201281						Guard.	1	S.3	MR/C	
3740	Std.840/33						Clip, securing thermal valve, 7/16" wide x 22 s.w.g. x 3.3" long (Make from 30B/1433).	1	DTD610	MR/C	4
3750	Std.842/10						Clip, securing pipes, 7/16" wide x 22 s.w.g. x 1.0" long (Make from 30A/1284).	2	S.3	MR/C	4
3751	Std.842/12						Clip, securing hood winding cable, 7/16" wide x 22 s.w.g. x 1.2" long (Make from 30A/1284).	2	S.3	MR/C	4
3752	Std.842/16						Clip, securing nose wheel jack pipe, 7/16" wide x 22 s.w.g. x 1.6" long (Make from 30A/1284).	1	S.2	MR/C	4
3753	Std.842/18						Clip, securing pipe at frame 6 for brake relay control valve, 7/16" wide x 22 s.w.g. x 1.8" long (Make from 30A/1284).	1	S.3	MR/C	4
3754	Std.842/20						Clip, securing pipes from air bottles, 7/16" wide x 22 s.w.g. x 2" long (Make from 30A/1284).	1	S.3	MR/C	4

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Issued on A.L. No. 1

Page N. 55

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
6A/1230	-					Choke, E.L.	1	-	B		
6A/1693	-					Gauge, pressure, Mk. 14LL.	1	-	A		
6A/1691	-					Gauge, pressure, Mk. 14KK 0.3000 lb. E.L.	2	-	A		
6A/3821	Dunlop A.C.O. 9719 F. 199624					Gauge, triple pressure.	1	-	A		
6A/2771	-					Label, for pressure gauge.	1	L. 72			
2144	Std. 1231/3					Label, "air".	1	-	C		
	A. 192688					Lug, locking, at pressure switch and charging valve.	2	S. 3	C	4	
						Mounting, for brake pressure relays on frame No. 11, assembly.	-	-			
3748	Std. 841/34					Clip, securing, 7/16" wide x 22 s.w.g. x 3.4" long (Make from 30B/1433).	2	DTD610	MR/C	4	
2845	A. 192688/1					Packing, 2.65" long x .45" wide x 1/8" thick.	2	R. S. 4	MR/C		
27VA/2958	Dunlop ACM. 15698					Relay, pressure.	2	-	A		
3499	† C. 187921/1					Pipe, pressure, tee-piece to union.	1	DTD323	MR/C		
3500	† C. 187921/2					Pipe, pressure, union to tee-piece.	1	DTD323	MR/C		
3501	† C. 187921/3					Pipe, pressure, tee-piece to union.	1	DTD323	MR/C		
3502	† C. 187921/4					Pipe, pressure, union to non return valve.	1	DTD323	MR/C		
3503	† C. 187921/5					Pipe, pressure, non return valve to 4 way piece.	1	DTD323	MR/C		
3504	† C. 187921/6					Pipe, pressure, 4 way piece to relay valve.	1	DTD323	MR/C		
3505	† C. 187921/7					Pipe, pressure, 4 way piece to accumulator.	1	DTD323	MR/C		
3506	† C. 187921/8					Pipe, pressure, tee-piece to switch.	1	DTD323	MR/C		
3507	† C. 187921/9					Pipe, pressure, tee-piece to relay.	1	DTD323	MR/C		
3508	† C. 187921/10					Pipe, pressure, relay to bulkhead connection.	1	DTD323	MR/C		
3509	† C. 187921/11					Pipe, pressure, bulkhead connection to union.	1	DTD323	MR/C		
3511	† C. 187921/13					Pipe, return, union to union.	1	DTD323	MR/C		
3512	† C. 187921/14					Pipe, return, union to union.	1	DTD323	MR/C		
3513	† C. 187921/15					Pipe, return, union to tee-piece.	1	DTD323	MR/C		
3514	† C. 197921/16					Pipe, return, tee-piece to non return valve.	1	DTD323	MR/C		
3515	† C. 187921/17					Pipe, return, non return valve to relay valve.	1	DTD323	MR/C		
2516	† C. 187921/18					Pipe, return, tee-piece to thermal relief valve.	1	DTD323	MR/C		
3517	† C. 187921/19					Pipe, return, thermal relief valve to 4 way piece.	1	DTD323	MR/C		

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Page N. 56

Issued on A.L. No. 1

REF. NO.	PART NO						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
3518	† C. 187921/20					Pipe, undercarriage up, union to union.	1	DTD323	MR/C		
3519	† C. 187921/21					Pipe, undercarriage up, union to tee-piece.	1	DTD323	MR/C		
3520	† C. 187921/22					Pipe, undercarriage up, tee-piece to restrictor.	1	DTD323	MR/C		
1944	C. 187921/23					Pipe, undercarriage up, restrictor to nose wheel jack.	1	DTD323	C		
3521	† C. 187921/24					Pipe, undercarriage up, tee-piece to union.	1	DTD323	MR/C		
3522	† C. 187921/25					Pipe, undercarriage up, union to sequence valve.	1	DTD323	MR/C		
3523	† C. 187921/26					Pipe, undercarriage up, sequence valve to union.	1	DTD323	MR/C		
3524	† C. 187921/27					Pipe, undercarriage up, union to union.	1	DTD323	MR/C		
1945	C. 187921/28					Pipe, undercarriage up, union to nose wheel door jack.	1	DTD323	C		
3525	† C. 187921/29					Pipe, undercarriage down, union to union.	1	DTD323	MR/C		
3526	† C. 187921/30					Pipe, undercarriage down, union to tee-piece.	1	DTD323	MR/C		
3527	† C. 187921/31					Pipe, undercarriage down, tee-piece to union.	1	DTD323	MR/C		
1946	C. 187921/32					Pipe, undercarriage down, union to nose wheel jack.	1	DTD323	C		
3528	† C. 187921/33					Pipe, undercarriage down, tee-piece to union.	1	DTD323	MR/C		
3529	† C. 187921/34					Pipe, undercarriage down, union to restrictor.	1	DTD323	MR/C		
1947	C. 187921/35					Pipe, undercarriage down, restrictor to nose wheel door jack.	1	DTD323	C		
3530	† C. 187921/36					Pipe, port brake, union to union.	1	DTD323	MR/C		
3531	† C. 187921/37					Pipe, port brake, union to tee-piece.	1	DTD323	MR/C		
3532	† C. 187921/38					Pipe, port brake, tee-piece to union.	1	DTD323	MR/C		
3533	† C. 187921/39					Pipe, port brake, union to relay valve.	1	DTD323	MR/C		
3534	† C. 187921/40					Pipe, port brake, tee-piece to pressure relay.	1	DTD323	MR/C		
3535	† C. 187921/41					Pipe, port brake, pressure relay to bulkhead connection.	1	DTD323	MR/C		
3537	† C. 187921/43					Pipe, starboard, brake, union to union.	1	DTD323	MR/C		
3538	† C. 187921/44					Pipe, starboard, brake, union to tee-piece.	1	DTD323	MR/C		

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Issued on A.L. No. 1

Page N. 57

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL of ST	PLATE NO
		1	2	3	4	5					
3539	† C.187921/45						Pipe, starboard brake, tee-piece to union.	1	DTD323	MR/C	
3540	† C.187921/46						Pipe, starboard brake, union to relay valve.	1	DTD323	MR/C	
3541	† C.187921/47						Pipe, starboard brake, tee-piece to pressure relay.	1	DTD323	MR/C	
3542	† C.187921/48						Pipe, starboard brake, pressure relay to bulkhead connection.	1	DTD323	MR/C	
3544	† C.187921/50						Pipe, brake air, accumulator to union.	1	DTD323	MR/C	
3545	† C.187921/51						Pipe, brake air, union to bulkhead connection.	1	DTD323	MR/C	
3547	† C.187921/53						Pipe, flap and undercarriage air-charging connection to union.	1	DTD323	MR/C	
3548	† C.187921/54						Pipe, flap and undercarriage air-union to bulkhead connection.	1	DTD323	MR/C	
3549	† C.187921/55						Pipe, flap and undercarriage air-bulkhead connection to 4 way piece.	1	DTD323	MR/C	
3550	† C.187921/56						Pipe, undercarriage air, 4 way piece to non return valve.	1	DTD323	MR/C	
3551	† C.187921/57						Pipe, undercarriage air, non return valve to air bottle.	1	DTD323	MR/C	
3552	† C.187921/58						Pipe, undercarriage air, air bottle to tee-piece.	1	DTD323	MR/C	
3553	† C.187921/59						Pipe, undercarriage air, tee-piece to air release valve.	1	DTD323	MR/C	
3554	† C.187921/60						Pipe, undercarriage air, air release valve to bulkhead connection (Pre Mod. 214).	1	DTD323	MR/C	
3555	† C.187921/61						Pipe, undercarriage air, bulkhead connection to union.	1	DTD323	MR/C	
3556	† C.187921/62						Pipe, undercarriage air, union to union.	1	DTD323	MR/C	
3557	† C.187921/63						Pipe, undercarriage air, tee-piece to gauge.	1	DTD323	MR/C	
3558	† C.187921/64						Pipe, flap air, 4-way piece to non return valve.	1	DTD323	MR/C	
3559	† C.187921/65						Pipe, flap air, non return valve to air bottle.	1	DTD323	MR/C	
3560	† C.187921/66						Pipe, flap air, air bottle to tee-piece.	1	DTD323	MR/C	
3561	† C.187921/67						Pipe, flap air, tee-piece to union.	1	DTD323	MR/C	
3564	† C.187921/70						Pipe, flap air, union to bulkhead connection (Pre Mod. 214).	1	DTD323	MR/C	

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL of ST	PLATE NO
		1	2	3	4	5					
3565	† C.187921/71					Pipe, flap air, bulkhead connection to union.	1	DTD323	MR/C		
3566	† C.187921/72					Pipe, flap air, union to union.	1	DTD323	MR/C		
3567	† C.187921/73					Pipe, flap air, tee-piece to gauge.	1	DTD323	MR/C		
3568	† C.187921/74					Pipe, u/c down, union to shuttle valve.	1	DTD323	MR/C		
3569	† C.187921/75					Pipe, u/c down, shuttle valve to union.	1	DTD323	MR/C		
3570	† C.187921/76					Pipe, u/c air, tee-piece to shuttle valve.	1	DTD323	MR/C		
3571	† C.187921/77					Pipe, pressure, tee-piece to union.	1	DTD323	MR/C		
4226	C.187921/78					Pipe, pressure, union to gauge.	1	DTD323	MR/C		
4227	C.187921/79					Pipe, port brake, bulkhead connection to gauge.	1	DTD323	MR/C		
4228	C.187921/80					Pipe, starboard brake, bulkhead connection to gauge.	1	DTD323	MR/C		
4229	C.187921/81					Pipe, brake air, bulkhead connection to gauge.	1	DTD323	MR/C		
4230	† C.187921/82					Pipe, pressure, union to gauge.	1	DTD323	MR/C		
4231	† C.187921/83					Pipe, brake, port, union to gauge.	1	DTD323	MR/C		
4232	† C.187921/84					Pipe, brake, starboard, union to gauge.	1	DTD323	MR/C		
4858	† C.187921/85					Pipe, flap air, union to air release valve.	1	DTD323	MR/C		
4859	† C.187921/86					Pipe, flap air, air release valve to union.	1	DTD323	MR/C		
4589	C.187921/94					Pipe, air, accumulator to accumulator.	1	DTD323	C		
4590	C.187921/95					Pipe, pressure, 4 way piece.	1	DTD323	C		
4591	C.187921/96					Pipe, pressure, tee piece.	1	DTD323	C		
4592	C.187921/97					Pipe, pressure, tee piece.	1	DTD323	C		
4593	C.187921/98					Pipe, air, at charging valve.	1	DTD323	C		
	C.187921/111					Pipe, u/c air, air release valve to bulkhead connection (Mod.214).	1	DTD253			
	C.187921/112					Pipe, flap air, union to bulkhead connection (Mod.214).	1	DTD253			
1474	F.182924					Plate, clamp (in halves).	2	LFS.21	C		
27VA/2958	Dunlop					Relay, pressure.	1	-	A		
	A.C.M. 15698										
27Q/931	Dowty					Restrictor.	1	-	A		
	D.4141Y.										
	B.190361					Rod, spacer, group.	1	-			
1473	F.190364					Block, clamp.	1	LFS.21	C		
1467	F.190363					Block, clamp.	2	LFS.21	C		
	-					Liner, 1.1/2" i/d x 3/8" long.	2	P.V.C.			
1475	F.182925					Ring, clamp (in halves).	2	LFS.21	C		
	B.190361/1					Rod, 34.5" long x 3/16" dia.	1	DTD323			
	F.190362					Tube, distance.	2	T.4			

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Issued on A.L. No.1

Page N. 59

REF NO	PART NR						DESCRIPTION	NO OFF	MATL. SPEC.	MR CL of ST.	PLATE NO
		1	2	3	4	5					
3809	Std. 1510/13/ 054					Tube, distance, 5/16" o/d x 20 s.w.g. x .54" long (Make from 30B/558).	1	T.4	MR/C	4	
1720	Std. 1606/ 44/B24					Screw.	4	Brass	C	5	
1476	F. 189990					Strap, air bottle, forward.	2	DTD166	C		
866	F. 189989					Strap, air bottle, forward lower.	2	DTD166	C		
868	F. 190003					Strap, air bottle, forward upper.	2	DTD166	C		
867	F. 189991					Strap, air bottle, rear.	2	DTD166	C		
5CW/4683	Thermal Control Co., Ltd. T.P. 5207					Switch, pressure.	1	-	A		
	Std. 1509/12/ 010					Tube, distance, at triple pressure gauge, 1/4" o/d x 20 s.w.g. x .10" long (Make from 30B/619).	4	T.4	-	4	
3805	Std. 1509/23/ 100					Tube, distance, 5/16" o/d x 17 s.w.g. x 1" long (Make from 30B/556).	1	T.4	MR/C	4	
	A. 187879					Valve, restrictor and mounting for nose wheel door, assembly.	-	-			
3770	Std. 1178/8					Clip.	1	S.3	C		
27Q/928	Dowty D.4140.Y B. 187875					Restrictor valve, one way.	1	-	A		
						Valve, air release, flap emergency control, assembly.	-	-			
1469	F. 187876					Cable, emergency air valve operating.	1	W.2	C		
	Avia. Dev. 5282										
1888	Mills GP. 2					Pin, grooved, 5/32" dia. x 7/16" long.	1	-	C		
2846	F. 178478					Shackle.	1	S.3	MR/C		
27Q/1121	Dowty C.4076Y Mk.E C. 185642					Valve.	1	-	A		
1477	F. 192386					Valve, brake relay control, assembly.	-	-			
1478	Dunlop A.C.O. 8011					Fork-end (Make from SP. 3Y/414).	1	-	C		
1479	A. 185645					Lever, steering.	1	-	C		
27G/2343	Dunlop					Rod, connecting.	1	S.1	C		
or	AC. 12194 or					Valve, brake relay.	1	-	A		
27G/2342	AC. 12160 B. 193674					Valve, undercarriage emergency air release, assembly.	-	-			
1887	F. 187877 B. 204446					Cable, air release control.	1	-	C		
						Cable, F.71, assembly (See cable chart).	1	-			

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

REF. NO	PART NO	DESCRIPTION.					NO OFF	MATL. SPEC	MR. CL of ST.	PLATE NO
		1	2	3	4	5				
	Avia. Dev. 5283					Handle, release.	1	-	-	
1888	Mills GP. 2					Pin, grooved, 5/32" dia. x 7/16" long.	1	-	C	
2846	B.204442					Plate, mounting.	1	DTD610		
27Q/943	F.178478					Shackle.	1	S.3	MR/C	
	Dowty C.4076Y Mk.C					Valve, air release.	1	-	A	
27Q/927	Dowty C.4603Y Mk.A					Valve, thermal relief.	1	-	A	
27Q/1134	Dowty C.4122Y Mk.E					Valve, shuttle.	1	-	A	
27Q/926	Dowty D.5220.Y					Valve, non-return.	2	-	A	
27Q/925	Dowty D.5210.Y					Valve, non-return.	2	-	A	
870	Std.915/B/18					Washer, 4 B.A.	6	DTD610	C	4

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Issued on A.L. No. 1

Page N.67

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/9708	AGS. 1104/B					Adaptor.					
28Y/12849	AGS. 1212					Block, mounting.					
28D/12528	A25.1.B					Bolt, 4 B.A.					
28D/12623	A25.5.B					Bolt, 4 B.A.					
28D/12520	A25.6.B					Bolt, 4 B.A.					
28D/12624	A25.7.B					Bolt, 4 B.A.					
28D/12565	A25.8.B					Bolt, 4 B.A.					
28D/12627	A25.11.B					Bolt, 4 B.A.					
28D/12810	A25.13.B					Bolt, 4 B.A.					
28D/12512	A25.1.C					Bolt, 2 B.A.					
28D/12533	A25.5.C					Bolt, 2 B.A.					
28D/12566	A25.6.C					Bolt, 2 B.A.					
28D/12629	A25.8.C					Bolt, 2 B.A.					
28D/12534	A25.9.C					Bolt, 2 B.A.					
28D/12515	A25.10.C					Bolt, 2 B.A.					
28D/12516	A25.11.C					Bolt, 2 B.A.					
28D/12630	A25.19.C					Bolt, 2 B.A.					
28N/9796	SP. 21					Nipple, lubricating.					
28F/14528	AGS. 1170.A					Nipple.					
28F/14123	AGS. 1170.B					Nipple.					
28M/5316	A27.C.P.					Nut, 2 B.A.					
28M/10287	AGS. 2001.B1					Nut, 4 B.A.					
28M/10288	AGS. 2001.C1					Nut, 2 B.A.					
	AGS. 2002.B2					Nut, 4 B.A.					
28M/10328	AGS. 2002.C1					Nut, 2 B.A.					
28F/9725	AGS. 1123/A					Piece, 4 way.					
28F/12444	AGS. 1123/B					Piece, 4 way.					
28P/825	SP. 4.A15					Pin.					
28P/831	SP. 4.B5					Pin.					
28P/12587	SP. 9.C4					Pin, split.					
28P/12349	SP. 9.C5					Pin, split.					
28P/12462	SP. 9.C8					Pin, split.					
28S/2760	A31.C.12					Screw, 2 B.A.					
28S/2875	A32.B.24					Screw, 4 B.A.					
28S/2862	A32.C.16					Screw, 2 B.A.					
28S/2868	A32.C.20					Screw, 2 B.A.					

SERVICES - HYDRAULIC SYSTEM FRONT FUSELAGE

Page N.68

Issued on A.L. No.1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST	PLATE NO
		1	2	3	4	5					
28F/10782	AGS. 1118,A						Tee-piece.				
28F/10610	AGS. 1118,B						Tee-piece.				
28F/10020	AGS. 1120/1						Tee-piece.				
28F/9722	AGS. 1120/6						Tee-piece.				
28Y/10145	AGS. 1200						Valve charging.				
28W/3098	AGS. 162/C						Washer, spring.				
28W/12306	SP. 15.B						Washer, 4 B.A.				
28W/12296	SP. 15.C						Washer, 2 B.A.				
28W/12355	SP. 16.C						Washer, 2 B.A.				
28F/8225	AGS. 1138,A						Washer.				
28F/8215	AGS. 1138,B						Washer.				
28M/802	AGS. 113C						Wing nut.				

SERVICES -- HYDRAULIC SYSTEM REAR FUSELAGE

Issued on A.L. No.1

Page N69

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
	D.187925						<u>HYDRAULIC INSTALLATION IN REAR FUSELAGE, ASSEMBLY</u>	-	-		
270/1214	Dowty D.7376.Y	Accumulator.						1	-		A
1180	F.183906	Block, clamp, for return pipe.						1	LFS.21		C
1181	F.183907	Block, clamp, for pressure pipe.						1	LFS.21		C
	B.200875	Bracket, mounting, for pressure gauge.						1	L.72		
1182	A.189669	Clamp, top, twin type.						1	S.3		C
1183	A.189672	Clamp, top, single type.						1	S.3		C
2052	F.194338	Clamp, top half, above frames 44, 46, 48, 49, 50, 51 and 53.						7	LFS,21		C
2053	F.194330	Clamp, bottom half, above frames 44, 46, 48, 49, 50, 51 and 53.						7	LFS,21		C
2093	F.196103	Clamp.						2	S.3		C
6A/2693	-	Gauge, pressure, Mk.14LL, Fluorescent.						1	-		A
4489	B.199658	Guard, for booster unit cables.						1	L.72		C
1200	Auto Prod.	Hose, flexible, 16".						1	-		C
1201	A.V.A.322A/16	Auto Prod.						1	-		C
	A.V.A.322A/18.5	Hose, flexible, 18.5".						1	-		C
1202	Auto Prod.	Hose, flexible, 26.5".						1	-		C
	A.V.A.322A/26.5										
1203	Auto Prod.	Hose, flexible, 16".						1	-		C
	A.V.A.322B/16										
1204	Auto Prod.	Hose, flexible, 23".						1	-		C
	A.V.A.322B/23										
2081	D.204180	Hydraulics, for air brake, assembly.						-	-		
	F.195583	Block, clamp, at frames 47, 48 and 49.						6	LFS.21		C
4950	F.204723	Block, clamp, at frames 41, 43 and 45.						12	LFS.21		C
4951	A.204934	Block, clamp, for flexible pipes at frame 50.						2	LFS.21		C
4952	F.204102	Clamp-plate, at frame 45.						4	LFS.21		C
3736	Std.840/17	Clip, securing pipe at frame 49.						1	DTD.610		C
3745	Std.841/17	Clip, securing pipe at frame 46.						4	DTD.610		C
5789	Std.851/35	Clip, securing flexible pipes, aft of frame 50.						2	-		C
2144	Std.1231/3	Lug, locking, at pressure switch.						1	S.3		C
4953	A.204708	Pipe, flexible, to pressure relief valve unit (Dunlop).						1	WH.3/2		C
4954	A.204709	Pipe, flexible, to pressure relief valve unit (Dunlop).						1	WH.3/2		C

RESTRICTED

SERVICES - HYDRAULIC SYSTEM REAR FUSELAGE

Page N70

Issued on A.L. No. 1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
27Q/1287	Dowty C.4862.Y Mk.E					Regulator, pressure.	1	--	A		
27Q/12037	Dowty S.P.900/22 Dowty GD.1579					Rings, "0".	4	--	C		
						Shroud, 3/8" BSP, bulkhead connection (Alternative to A.206610).	4	--			
5703	A.206610					Shroud, bulkhead connection (Alternative to Dowty GD. 1579).	8	--	C		
	Dowty GD.1576					Shroud, 3/8" BSP, aft of frame 46 connection (Alternative to A.206611).	1	-			
5704	A.206611					Shroud, aft of frame 46 connection (Alternative to Dowty GD. 1576).	2	-	C		
5CW/5388	Thermal Control Co. T.P.5300.					Switch, pressure.	1	-	A		
27Q/1016	Dowty C.5705.Y.Mk.A					Unit, selector.	1	-	A		
27Q/1289	Dowty C.5701.Y.Mk.B					Unit, selector.	1	-	A		
27Q/1288	Dowty C.4651.Y.Mk.D					Unit, pressure relief valve.	1	-	A		
6A/2771	-					Label, air, fluorescent.	1	-	C		
2144	Std.1231/3					Lug, locking.	1	S.3	C	4	
27M/8798	Auto Prod. A.V.A.62A.					Nut, union, pressure.	1	-	C		
27M/8766	Auto Prod. A.V.A.62B					Nut, union, pressure.	1	-	C		
1184	F.180950					Piece, tee.	1	-	C		
3672 †	B.187926/1					Pipe, pressure, flexible hose to non-return valve.	1	DTD.323	MR/C		
3673 †	B.187926/2					Pipe, pressure, non-return valve to tee piece.	1	DTD.323	MR/C		
2025	B.187926/3					Pipe, pressure, tee piece to tee piece.	1	DTD.323	C		
3674 †	B.187926/4					Pipe, pressure, tee piece to valve.	1	DTD.323	MR/C		
3675 †	B.187926/6					Pipe, pressure, valve to tee piece.	1	DTD.323	MR/C		
3676 †	B.187926/7					Pipe, pressure, tee piece to flexible hose.	1	DTD.323	MR/C		
3677 †	B.187926/8					Pipe, return, flexible hose to non-return valve.	1	DTD.323	MR/C		
2027	B.187926/9					Pipe, return, non-return valve to tee piece.	1	DTD.323	C		

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM REAR FUSELAGE

Issued on A.L. No.1

Page N71

REF. NO.	PART NO.	DESCRIPTION					NO OFF	MATL SPEC	MR Cl of ST	PLATE NO
		1	2	3	4	5				
3678	†	B.187926/10	Pipe, return, tee piece to valve					1	DTD.323	MR/C
3679	†	B.187926/11	Pipe, return, valve to flexible hose.					1	DTD.323	MR/C
3680	†	B.187926/12	Pipe, return, tee piece to thermal relief valve.					1	DTD.323	MR/C
3681	†	B.187926/13	Pipe, return, thermal relief valve to tee piece.					1	DTD.323	MR/C
4603		B.187926/16	Pipe, tee piece to charging connection.					1	DTD.323	C
4604		B.187926/17	Pipe, tee piece to pressure gauge.					1	DTD.323	C
4605		B.187926/18	Pipe, charging accumulator to tee piece.					1	DTD.323	C
4606		B.187926/19	Pipe, pressure tee piece to charging accumulator.					1	DTD.323	C
5932		B.187926/20	Pipe, pressure, union to union.					1	DTD.323	C
5933	†	B.187926/21	Pipe, pressure, union to union.					1	DTD.323	MR/C
5934	†	B.187926/22	Pipe, pressure, to regulator valve.					1	DTD.323	MR/C
5935		B.187926/23	Pipe, regulator valve to non-return valve.					1	DTD.323	C
5936		B.187926/24	Pipe, non-return valve to tee-piece.					1	DTD.323	C
5937		B.187926/25	Pipe, pressure, tee-piece to lower selector valve.					1	DTD.323	C
5938		B.187926/26	Pipe, pressure, tee-piece to upper selector valve.					1	DTD.323	C
5939		B.187926/27	Pipe, return, union to union.					1	DTD.323	C
5940	†	B.187926/28	Pipe, return, union to 4 way.					1	DTD.323	MR/C
5941	†	B.187926/29	Pipe, return, 4 way to upper selector valve.					1	DTD.323	MR/C
5942		B.187926/30	Pipe, return, 4 way to lower selector valve.					1	DTD.323	C
5943	†	B.187926/31	Pipe, return, 4 way to tee-piece.					1	DTD.323	MR/C
5944	†	B.187926/32	Pipe, return, tee-piece to relief valve.					1	DTD.323	MR/C
5945	†	B.187926/33	Pipe, return, upper selector valve to non-return valve.					1	DTD.323	MR/C
5946		B.187926/34	Pipe, return, thermal return valve to tee-piece.					1	DTD.323	C
5947		B.187926/35	Pipe, air brake "up", upper selector valve to 4 way.					1	DTD.323	C
5948		B.187926/36	Pipe, air brake "up", 4 way to flexible hose.					1	DTD.323	C
5949	†	B.187926/37	Pipe, air brake "up", 4 way to non-return valve.					1	DTD.323	MR/C
5950	†	B.187926/38	Pipe, air brake "up", 4 way to thermal return valve.					1	DTD.323	MR/C
5951		B.187926/39	Pipe, air brake "down", lower selector valve, to relief valve.					1	DTD.323	C

† For details see piping chart.

RESTRICTED

SERVICES - HYDRAULIC SYSTEM REAR FUSELAGE

Page N72

Issued on A.L. No.1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
5952	B.187926/40						Pipe, air brake "down", relief valve to tee-piece,	1	DTD.323	C	
5953	B.187926/41						Pipe, air brake "down", tee-piece to flexible hose,	1	DTD.323	C	
5954 †	B.187926/42						Pipe, air brake "down", tee-piece to press switch.	1	DTD.323	MR/C	
1185	F.183200						Union,	2	-	C	
27M/8796	Auto Prod. A.V.A.57A						Union, half coupling.	1	-	C	-
27M/8759	Auto Prod. A.V.A.57B						Union, half coupling.	1	-	C	-
27Q/926	Dowty D.5220.Y						Valve, non-return.	2	-	A	-
27Q/1123	Dowty C.5702.Y Mk.C						Valve, selector.	1	-	A	-
27Q/927	Dowty C.4603.Y Mk.A						Valve, thermal relief.	1	-	A	-

† For details see piping chart.

SERVICES - HYDRAULIC SYSTEM REAR FUSELAGE

Issued on A.L. No.1

Page N73

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28Y/12849	AGS. 1212					Adaptor.					
28F/11167	AGS. 1132A					Banjo.					
28F/10524	AGS. 1132B					Banjo.					
28F/8221	AGS. 1135A					Bolt, banjo.					
28F/10018	AGS. 1135B					Bolt, banjo.					
28D/12530	A25.6.B					Bolt, 4 B.A.					
28D/12566	A25.6.C					Bolt, 2 B.A.					
28D/12534	A25.9.C					Bolt, 2 B.A.					
28F/10610	AGS. 1118B					Coupling.					
28F/10020	AGS. 1120 Mk.1					Coupling.					
28M/10327	AGS. 2001.B.1					Nut, 4 B.A.					
28M/10288	AGS. 2001.C.1					Nut, 2 B.A.					
28M/10332	AGS. 2002.C.1					Nut, 2 B.A.					
28S/14005	A.32.B.14					Screw, 4 B.A.					
28F/11080	AGS. 1106B					Union.					
28Y/10145	AGS. 1200					Valve charging.					
28F/12047	AGS. 1186A					Washer.					
28F/12048	AGS. 1186B					Washer.					
28W/12306	SP. 15.B					Washer.					

SERVICES - HYDRAULICS IN WINGS

REF. No	PART No						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No
		1	2	3	4	5					
	D.187927-8	<u>HYDRAULIC EQUIPMENT IN WINGS ASSEMBLY.</u>						-	-		
270/948	Dowty	Accumulator unit.						1	-	A	
	D.4133Y Mk.C										
1929	F.180037	Adaptor, bleed screws.						4	DTD364	C	
1930	F.196234	Adaptor, 3/16" cone to 1/4" hose.						2	-	C	
1185	F.183200	Adaptor, 1/4" cone to 1/4" hose.						2	-	C	
1931	F.144413	Adaptor, 3/8" cone to 1/4" hose. (Referenced 26FH/1341 for Admiralty).						2	L.1	C	
	F.196102	Block, clamp, for brake pipe clip.						2	LFS.21		
2082	F.196060	Block, clamp, at interspar rib A and G.						6	LFS.21	C	
2094	F.196061	Block, clamp, at interspar rib A and B.						6	LFS.21	C	
2052	F.194338	Block, clamp, at interspar rib D, C and F.1.						11	LFS.21	C	
2053	F.194339	Block, clamp, at interspar rib D, C and F.1.						11	LFS.21	C	
3901	F.194724	Block, clamp, bottom skin, port.						2	LFS.21	C	
3903	F.194874	Block, clamp, interspar rib "A" and front spar, port.						4	LFS.21	C	
3904	F.196078	Block, clamp, interspar rib "B", port.						2	LFS.21	C	
3905	F.196092	Block, clamp, interspar rib "E", port.						2	LFS.21	C	
3906	F.196069	Block, clamp, interspar rib "D", port.						1	LFS.21	C	
3907	F.196070	Block, clamp, interspar rib "D", port.						1	LFS.21	C	
3908	F.196071	Block, clamp, interspar rib "D", port.						1	LFS.21	C	
3909	F.196072	Block, clamp, interspar rib "D", port.						1	LFS.21	C	
3910	F.196081	Block, clamp, interspar rib "C".						2	LFS.21	C	
3911	F.196082	Block, clamp, interspar rib "E".						2	LFS.21	C	
3912	F.194879	Block, clamp, undercarriage girder.						4	LFS.21	C	
3913	F.195831	Block, clamp, top skin.						2	LFS.21	C	
3914	F.196066	Block, clamp, interspar rib "A" starboard.						2	LFS.21	C	
3915	F.194932	Block, clamp, interspar rib "C" starboard.						2	LFS.21	C	
3916	F.196094	Block, clamp, interspar rib "C" starboard.						2	LFS.21	C	
2081	F.195583	Block, clamp, interspar rib "D" starboard.						2	LFS.21	C	
3917	F.196067	Block, clamp, interspar rib "D" starboard.						2	LFS.21	C	

SERVICES - HYDRAULICS IN WINGS

Page N.76

REF No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No.
		1	2	3	4	5					
3918	F.194875					Block, clamp, front spar.	2	LFS.21	C		
2079	F.196064					Block, clamp, interspar rib "D".	4	LFS.21	C		
3919	F.196068					Block, clamp, front spar.	1	LFS.21	C		
	F.197931					Block, clamp.	4	LFS.21	C		
	F.197246					Block, clamp.	2	LFS.21	C		
	F.197247					Block, clamp.	2	LFS.21	C		
3920	F.196093					Block, clamp, bottom skin.	2	LFS.21	C		
2080	F.196074					Block, clamp, front spar.	2	LFS.21	C		
2084	F.196075					Block, clamp, interspar rib "E".	2	LFS.21	C		
1046	A.181725					Bracket, attachment of accumulator unit.	1	S.3	C		
27G/	Dunlop A.H.9708					Brake, wheel, port.	1	-	A	-	
27G/	Dunlop A.H.9709					Brake, wheel, starboard.	1	-	A	-	
	Std.1285/1,BB					Connector, earthing.	3	-	MR/C		
4000	Std.1285/2,BB					Connector, earthing.	1	-	MR/C	-	
3751	Std.842/12					Clip, interspar ribs "B", "C" and "E" 7/16" wide x 22 s.w.g. x 1.2" long. (Make from 30A/549).	3	S.3	MR/C	4	
3750	Std.842/10					Clip, interspar ribs "C", starboard 7/16" wide x 22 s.w.g. x 1" long (Make from 30A/549).	1	S.3	MR/C	4	
3734	Std.840/14					Clip, interspar ribs "B" and "C" 7/16" wide x 22 s.w.g. x 1.4" long (Make from 30B/1433) (Referenced 26FH/3219 for Admiralty).	2	DTD610	MR/C	4	
	Std.850/21					Clip, for earthing connection, x 7/16" x 22 s.w.g. x 2.1" long (Make from 30B/1433).	2	DTD610	MR/C	4	
	Std.850/23					Clip, for earthing connection, x 7/16" x 22 s.w.g. x 2.3" long (Make from 30B/1433).	1	DTD610	MR/C	4	
3756	Std.850/27					Clip, for earthing connection, x 7/16" x 22 s.w.g. x 2.7" long (Make from 30B/1433).	1	DTD610	MR/C	4	
1047	F.187998					Clip, shuttle valve attachment rib "D", starboard.	1	S.3	C		
1048	F.188356					Clip, shuttle valve attachment interspar ribs "F", port.	1	S.3	C		
1049	F.187719					Clip, half, attachment of accumulator unit.	2	S.3	C		
1883	F.193723					Clip, for throttling valve.	2	S.3	C		
3977	A.196708					Clip, for brake pipe on undercarriage leg.	2	S.3	MR/C		

SERVICES - HYDRAULICS IN WINGS

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
3978	F. 197485						Clip, for brake pipe on undercarriage leg.	2	DTD610	MR/C	
1933	Auto Prod. AVA. 322/A/22 $\frac{1}{2}$						Hose, flexible 1/8".	2	-	C	
1934	Auto Prod. AVA. 322/B/22 $\frac{1}{2}$						Hose, flexible 1/4".	2	-	C	
27V/3827	Dunlop DC/101/A/27						Hose, flexible 1/4".	2	-	C	
27KC/305	Fairey Av. BH. 291						Hydro-booster, aileron control port, group.	1	-	A	
27KC/306	Fairey Av. BH. 292						Hydro-booster, aileron control starboard, group.	1	-	A	
28F/10747	AGS. 1129/A						Banjo, body.	2	-	C	
28F/11167	AGS. 1132/A						Banjo, body.	2	-	C	
28F/10524	AGS. 1132/B						Banjo, body.	2	-	C	
27S/137	BRA. $\frac{1}{2}$						Bearing.	4	-	B	
28F/8221	AGS. 1135/A						Bolt, banjo.	4	-	C	
28F/10018	AGS. 1135/B						Bolt, banjo.	2	-	C	
28N/13018	AGS. 2031/2						Circlip.	4	-	C	
1052	Std. 1357/42						Ferrule.	4	S.2	C	
	B.H. 13511						Jack and valve, port group.	1	-		
	B.H. 13512						Jack and valve, starboard group.	1	-		
27KC/237	FHS. 644						Eye-end.	2	-	C	
27KC/238	B.H. 12189						Jack group.	2	-	A	
	B.H. 12191						Body.	1	-		
27KC/239	FHS. 657/5						Collar, locking, screwed.	1	-	C	
27KC/240	B.H. 12195						End, extension group.	1	-	B	
27S/138	BRA. 5/8"						Bearing.	1	-	B	
27KC/241	FS. 471						Washer, retaining.	2	-	C	
27KC/242	FHS. 448						Piece connecting.	2	-	C	
27KC/243	B.H. 12193						Piston.	1	-	C	
	D. 70603						Plate, protecting.	1	-		
27KC/244	FHS. 20/9						Seal.	1	-	C	
27KC/245	FHS. 21/12						Seal.	1	-	C	
27KC/246	FHS. 21/15						Seal.	1	-	C	
27KC/247	FHS. 24/4						Seal.	1	-	C	
27KC/248	FHS. 29/12						Seal.	1	-	C	
27KC/249	FHS. 36/A						Strip, retaining.	1	-	C	
27KC/250	FHS. 660/5						Washer, special.	1	-	C	
28F/6569	AGS. 948/B						Plug.	2	-	C	
27KC/308	FHS. 722/5/140/0						Valve, port, group.	1	-	A	

SERVICES - HYDRAULICS IN WINGS

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
27KC/309	FHS. 722/3/ 140/0						Valve, starboard group. (These groups are handed only by the position of the blanking plugs and washers).	1	-	A	-
	FHS. 710/5						Body.	2	-		
27KC/310	FHS. 706/197						Bolt.	4	-	C	-
27KC/253	FHS. 642						Cap, end.	2	-	C	-
28N/12604	AGS. 2030/27						Circlip, 1.5/8" i/d.	2	-	C	-
27KC/255	FHS. 45/5						Pin, retaining.	2	-	C	-
27KC/256	FHS. 641						Piston, c/w ring FHS. 513 and spindle FHS. 649.	2	-	B	-
	FHS. 505						Plate.	2	-		
27KC/311	FHS. 701						Platen, c/w sleeve FHS. 509.	2	-	C	-
27KC/312	FHS. 702						Platen, c/w sleeve FHS. 511.	2	-	C	-
28R/6856	AGS. 948/A						Plug.	1	-	C	-
28R/6569	AGS. 948/B						Plug.	1	-	C	-
27KC/313	FHS. 21/23						Seal.	2	-	C	-
27KC/262	FHS. 24/22						Seal.	2	-	C	-
27KC/263	FHS. 24/36						Seal.	2	-	C	-
27KC/264	FHS. 24/40						Seal.	2	-	C	-
27KC/315	FHS. 703						Spacer.	2	-	C	-
27KC/266	FHS. 503						Spring.	2	-	C	-
27KC/267	FHS. 506						Spring.				
	FHS. 36/C						Strip.	2	-		
28F/8225	AGS. 1138/A						Washer.	1	-	C	-
28F/8215	AGS. 1138/B						Washer.	1	-	C	-
27KC/314	FHS. 712						Washer, sealing.	8	-	C	-
30A/2294	-						Wire, locking 20 s.w.g.	Q.R.	Soft Iron	C	-
27KC/270	FHS. 48/2						Nut, lock.	2	-	C	-
27KC/249	FHS. 36/A						Strip, retaining.	2	-	C	-
27KC/269	FHS. 38/3						Washer, tab.	2	-	C	-
27KC/271	FHS. 631						Unit, release, port group.	1	-	A	-
27KC/272	FHS. 632						Unit, release, starboard group.	1	-	A	-
27KC/273	FHS. 635						Adaptor.	2	-	C	-
27KC/274	FHS. 636						Bearing, end.	2	-	C	-
	FHS. 639						Body.	2	-		
	FHS. 650						Bracket, mounting port.	1	-		
	FHS. 651						Bracket, mounting starboard.	1	-		
28N/13737	AGS. 2030/13						Circlip.	2	-	C	-
27KC/275	FHS. 615						Panel.	2	-	C	-
27KC/276	FHS. 633						Piston.	2	-	C	-
27KC/277	FHS. 634						Pin, hinge.	2	-	C	-
27KC/278	FHS. 20/3						Seal.	2	-	C	-

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
27KC/279	FHS. 298					Spring.	2	-	C	-	
27KC/280	FHS. 726					Washer, locking.	2	-	C	-	
28F/12047	AGS. 1186/A					Washer.	4	-	C	-	
28F/12048	AGS. 1186/B					Washer.	2	-	C	-	
27Q/952	Dowty A. 4521Y/Mk. A					Jack, undercarriage, port.	1	-	A	-	
27Q/953	Dowty A. 4521Y/Mk. B					Jack, undercarriage, starboard.	1	-	A	-	
27Q/951	Dowty C. 4489Y					Jack, flap.	2	-	A	-	
27Q/1026	Dowty C. 5825Y/Mk. A					Jack, flap synchronising, port.	1	-	A	-	
27Q/1027	Dowty C. 5825Y/Mk. B					Jack, flap, synchronising, starboard.	1	-	A	-	
2144	Std. 1231/3					Lug, locking charging connection.	1	S. 3	C	4	
3683 †	C. 189160/1					Pipe, pressure port wing brake to union.	1	DTD323	MR/C	-	
2030	C. 189160/2					Pipe, pressure, port wing, union to union.	1	DTD323	C	-	
2031	C. 189160/3					Pipe, pressure, port wing, union to flap control valve.	1	DTD323	C	-	
3684 †	C. 189160/4					Pipe, return, port wing brake to union.	1	DTD323	MR/C	-	
3685 †	C. 189160/5					Pipe, return, port wing, union to 4 way piece.	1	DTD323	MR/C	-	
3686 †	C. 189160/6					Pipe, return, port wing, 4 way piece to flap control valve.	1	DTD323	MR/C	-	
2032	C. 189160/7					Pipe, return, port wing, 4 way piece to pressure relief valve.	1	DTD323	C	-	
2033	C. 189160/8					Pipe, return, port wing, 4 way piece to 4 way piece.	1	DTD323	C	-	
3687 †	C. 189160/9					Pipe, return, port wing, 4 way piece to non return valve.	1	DTD323	MR/C	-	
3688	C. 189160/10					Pipe, return, port wing, non return valve to union.	1	DTD323	C	-	
3689 †	C. 189160/11					Pipe, return, port wing, union to flexible hose.	1	DTD323	MR/C	-	
2034	C. 189160/12					Pipe, return, port wing, 4 way piece to thermal relief valve.	1	DTD323	C	-	
3691 †	C. 189160/16					Pipe, u/c up, port wing break tee piece to union.	1	DTD323	MR/C	-	
3692 †	C. 189160/17					Pipe, u/c up, port wing, union to union.	1	DTD323	C	-	

† For details see piping chart.

RESTRICTED

SERVICES - HYDRAULICS IN WINGS

Page N.80

REF NO	PART NO						DESCRIPTION	NO OFF	MATL SPEC	MR CL of ST	PLATE NO
		1	2	3	4	5					
3693	† C.189160/18					Pipe, u/c up, port wing, union to union.	1	DTD323	MR/C		
2035	C.189160/19					Pipe, u/c up, port wing, union to sequence valve.	1	DTD323	C		
2036	C.189160/20					Pipe, u/c up, port wing, sequence valve to union.	1	DTD323	C		
3694	† C.189160/21					Pipe, u/c up, port wing, union to pressure regulating valve.	1	DTD323	MR/C		
3695	† C.189160/22					Pipe, u/c up, pressure regulating valve to port wing break union.	1	DTD323	MR/C		
3696	† C.189160/23					Pipe, u/c up, port wing break union to union.	1	DTD323	MR/C		
2037	C.189160/24					Pipe, u/c up, port wing, union to restrictor valve.	1	DTD323	C		
2038	C.189160/25					Pipe, u/c up, port wing, restrictor valve to u/c jack.	1	DTD323	C		
3697	† C.189160/26					Pipe, u/c down, port wing break union to union.	1	DTD323	MR/C		
2039	C.189160/27					Pipe, u/c down, port wing, union to u/c jack.	1	DTD323	C		
3698	† C.189160/28					Pipe, wheel brake, port wing break union to union.	1	DTD323	MR/C		
3699	† C.189160/29					Pipe, wheel brake, port wing, union to union.	1	DTD323	MR/C		
3700	† C.189160/30					Pipe, wheel brake, port wing, union to union.	1	DTD323	MR/C		
3701	C.189160/31					Pipe, wheel brake, port wing, union to union (flexible hose).	1	DTD323	C		
3702	C.189160/32					Pipe, wheel brake, port wing, flexible hose to torsion links.	1	DTD323	C		
3703	C.189160/33					Pipe, wheel brake, port wing, torsion link to brake.	1	DTD323	C		
3704	† C.189160/35					Pipe, power assisted aileron, port wing break, union to union.	1	DTD323	MR/C		
3705	† C.189160/36					Pipe, power assisted aileron, port wing, union to union.	1	DTD323	MR/C		
2040	C.189160/37					Pipe, power assisted aileron, port wing, union to union.	1	DTD323	C		
3706	C.189160/38					Pipe, power assisted aileron, port wing, union to union.	1	DTD323	C		
3707	† C.189160/39					Pipe, power assisted aileron, port wing, union to tee piece.	1	DTD323	MR/C		

† For details see piping chart.

RESTRICTED

HAL 27337

SERVICES - HYDRAULICS IN WINGS

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	M.R. CL. OF ST.	PLATE NO.
		1	2	3	4	5					
3708	† C.189160/40						Pipe, power assisted aileron, port wing, tee piece to flexible hose.	1	DTD323	MR/C	
3709	C.189160/41						Pipe, power assisted aileron, tee piece to jack lock.	1	DTD323	C	
2041	C.189160/42						Pipe, flap up, port wing, flap control valve to tee piece.	1	DTD323	C	
2042	C.189160/43						Pipe, flap up, port wing, tee piece to fluid jettison valve.	1	DTD323	C	
3710	† C.189160/44						Pipe, flap up, port wing, tee piece to tee piece.	1	DTD323	MR/C	
2043	C.189160/45						Pipe, flap up, port wing, tee piece to tee piece.	1	DTD323	C	
3711	† C.189160/46						Pipe, flap up, port wing, tee piece to bleed adapter.	1	DTD323	MR/C	
2044	C.189160/47						Pipe, flap up, port wing, bleed adapter to flap jack.	1	DTD323	C	
2045	C.189160/48						Pipe, flap up, port wing, tee piece to union.	1	DTD323	C	
3712	† C.189160/49						Pipe, flap up, union to port wing break union.	1	DTD323	MR/C	
3713	† C.189160/50						Pipe, flap up, port wing, tee piece to thermal relief valve.	1	DTD323	MR/C	
2046	C.189160/51						Pipe, flap down, port wing, flap control valve to pressure relief valve.	1	DTD323	C	
2047	C.189160/52						Pipe, flap down, port wing, pressure relief valve to shuttle valve.	1	DTD323	C	
3714	† C.189160/53						Pipe, flap down, port wing, shuttle valve to throttling valve.	1	DTD323	MR/C	
2048	C.189160/54						Pipe, flap down, port wing, throttling valve to bleed adapter.	1	DTD323	C	
2049	C.189160/55						Pipe, flap down, port wing, bleed adapter to flap jack.	1	DTD323	C	
2050	C.189160/56						Pipe, flap down, port wing, shuttle valve to throttling valve.	1	DTD323	C	
3715	† C.189160/57						Pipe, flap down, port wing, throttling valve to union.	1	DTD323	MR/C	
3716	† C.189160/58						Pipe, flap down, union to port wing break union.	1	DTD323	MR/C	
3717	† C.189160/59						Pipe, flap air, port wing break union to union.	1	DTD323	MR/C	
3718	† C.189160/60						Pipe, flap air, port wing, union to union.	1	DTD323	MR/C	

† For details see piping chart.

SERVICES - HYDRAULICS IN WINGS

Page No. 82

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
3719	† C.189160/61						Pipe, flap air, port wing, union to union.	1	DTD323	MR/C	
3720	† C.189160/62						Pipe, flap air, port wing, union to fluid jettison valve.	1	DTD323	MR/C	
2051	C.189160/63						Pipe, flap air, port wing, fluid jettison valve to shuttle valve.	1	DTD323	C	
3721	C.189160/64						Pipe, flap balancing, port wing break, union to union.	1	DTD323	C	
3722	C.189160/65						Pipe, flap balancing, port wing, union to union (up side).	1	DTD323	C	
3723	C.189160/66						Pipe, flap balancing, port wing break, union to union.	1	DTD323	C	
3724	C.189160/67						Pipe, flap balancing, port wing, union to jack (down side).	1	DTD323	C	
3725	† C.189160/68						Pipe, oil jettison, port wing, jettison valve to atmosphere.	1	DTD323	MR/C	
3726	C.189160/69						Pipe, flap balancing, port wing, union to union.	1	DTD323	C	
3727	C.189160/70						Pipe, flap balancing, port wing, union to union.	1	DTD323	C	
3415	† C.189161/1						Pipe, pressure stbd. wing break to union.	1	DTD323	MR/C	
3416	† C.189161/2						Pipe, pressure, stbd. wing, union to union.	1	DTD323	MR/C	
3417	C.189161/3						Pipe, pressure, stbd. wing, union to pressure regulating valve.	1	DTD323	C	
3418	C.189161/4						Pipe, pressure, stbd. wing, pressure regulating valve to u/c control valve.	1	DTD323	C	
3419	C.189161/5						Pipe, pressure, stbd. wing, pressure regulating valve to union.	1	DTD323	C	
3420	† C.189161/6						Pipe, pressure, stbd. wing, union to non return valve.	1	DTD323	MR/C	
3421	† C.189161/7						Pipe, pressure, stbd. wing, non return valve to tee piece.	1	DTD323	MR/C	
3422	† C.189161/8						Pipe, pressure, stbd. wing, tee piece to tee piece.	1	DTD323	MR/C	
3423	† C.189161/9						Pipe, pressure, stbd. wing, tee piece to aileron control valve.	1	DTD323	MR/C	
3424	C.189161/10						Pipe, pressure, stbd. wing, tee piece to accumulator.	1	DTD323	C	
3425	† C.189161/11						Pipe, pressure, stbd. wing, tee piece to thermal relief valve.	1	DTD323	MR/C	

† For details see piping chart.

SERVICES - HYDRAULICS IN WINGS

REF. NO.	PART NO.						DESCRIPTION.	NO. OFF	MATL. SPEC	MR. CL. of ST	PLATE NO.
		1	2	3	4	5					
3426	C.189161/12						Pipe, return, stbd. wing break to tee piece.	1	DTD323	C	
3427	† C.189161/13						Pipe, return, stbd. wing, tee piece to tee piece.	1	DTD323	MR/C	
3428	C.189161/14						Pipe, return, stbd. wing, tee piece to u/c control valve.	1	DTD323	C	
3429	† C.189161/15						Pipe, return, stbd. wing, tee piece to tee piece.	1	DTD323	MR/C	
3430	C.189161/16						Pipe, return, stbd. wing, tee piece to thermal relief valve.	1	DTD323	C	
3431	† C.189161/17						Pipe, return, stbd. wing, tee piece to thermal relief valve.	1	DTD323	MR/C	
3432	C.189161/18						Pipe, return, stbd. wing, tee piece to tee piece.	1	DTD323	C	
3433	† C.189161/19						Pipe, return, stbd. wing, tee piece to non return valve.	1	DTD323	MR/C	
3434	† C.189161/20						Pipe, return, stbd. wing, non return valve to tee piece.	1	DTD323	MR/C	
3435	C.189161/21						Pipe, return, stbd. wing, tee piece to tee piece.	1	DTD323	C	
3436	C.189161/22						Pipe, return, stbd. wing, tee piece to aileron control valve.	1	DTD323	C	
3437	C.189161/23						Pipe, return, stbd. wing, tee piece to union.	1	DTD323	C	
3438	† C.189161/24						Pipe, return, stbd. wing, union to flexible hose.	1	DTD323	MR/C	
3439	† C.189161/25						Pipe, return, stbd. wing, tee piece to thermal relief valve.	1	DTD323	MR/C	
3443	C.189161/29						Pipe, u/c up, stbd. wing, u/c control valve to 4 way piece.	1	DTD323	C	
3444	C.189161/30						Pipe, u/c up, stbd. wing, 4 way piece to jettison valve.	1	DTD323	C	
3445	C.189161/31						Pipe, u/c up, stbd. wing, 4 way piece to tee piece.	1	DTD323	C	
3446	† C.189161/32						Pipe, u/c up, stbd. wing, tee piece to union.	1	DTD323	MR/C	
3447	† C.189161/33						Pipe, u/c up, union to stbd. wing break.	1	DTD323	MR/C	
3448	† C.189161/34						Pipe, u/c up, stbd. wing, 4 way piece to tee piece.	1	DTD323	MR/C	
3449	† C.189161/35						Pipe, u/c up, tee piece to stbd. wing break.	1	DTD323	MR/C	
3450	C.189161/36						Pipe, u/c up, stbd. wing, tee piece to sequence valve.	1	DTD323	C	
3451	C.189161/37						Pipe, u/c up, stbd. wing, sequence valve to union.	1	DTD323	C	

† For details see piping chart.

RESTRICTED

SERVICES - HYDRAULICS IN WINGS

Page N.84

REF. No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No.
		1	2	3	4	5					
3452	C.189161/38						Pipe, u/c up, stbd. wing, union to pressure regulating valve.	1	DTD323	C	
3453	† C.189161/39						Pipe, u/c up, stbd. wing, pressure regulating valve to union.	1	DTD323	MR/C	
3454	C.189161/40						Pipe, u/c up, union to stbd. wing break.	1	DTD323	C	
3455	† C.189161/41						Pipe, u/c up, stbd. wing, tee piece to thermal return valve.	1	DTD323	MR/C	
3456	† C.189161/42						Pipe, u/c up, stbd. wing break to union.	1	DTD323	MR/C	
3457	† C.189161/43						Pipe, u/c up, stbd. wing, union to restrictor valve.	1	DTD323	MR/C	
3458	C.189161/44						Pipe, u/c up, stbd. wing, restrictor valve to u/c jack.	1	DTD323	C	
3459	† C.189161/45						Pipe, u/c down, stbd. wing, u/c control valve to tee piece.	1	DTD323	MR/C	
3460	† C.189161/46						Pipe, u/c down, stbd. wing, tee piece to shuttle valve.	1	DTD323	MR/C	
3461	† C.189161/47						Pipe, u/c down, stbd. wing, shuttle valve to union.	1	DTD323	MR/C	
3462	† C.189161/48						Pipe, u/c down, union to stbd. wing break.	1	DTD323	MR/C	
3463	C.189161/49						Pipe, u/c down, stbd. wing, shuttle valve to tee piece.	1	DTD323	C	
3464	C.189161/50						Pipe, u/c down, stbd. wing, tee piece to u/c jack.	1	DTD323	C	
3465	C.189161/51						Pipe, u/c down, stbd. wing, tee piece to union.	1	DTD323	C	
3466	† C.189161/52						Pipe, u/c down, stbd. wing, union to union.	1	DTD323	MR/C	
3467	† C.189161/53						Pipe, u/c down, union to stbd. wing break.	1	DTD323	MR/C	
3468	† C.189161/54						Pipe, u/c down, stbd. wing, tee piece to thermal relief valve.	1	DTD323	MR/C	
3469	† C.189161/55						Pipe, u/c air, stbd. wing break to union.	1	DTD323	MR/C	
3470	C.189161/56						Pipe, u/c air, stbd. wing, union to jettison valve.	1	DTD323	C	
3471	C.189161/57						Pipe, u/c air, stbd. wing, jettison valve to shuttle valve.	1	DTD323	C	
3472	† C.189161/58						Pipe, oil jettison, stbd. wing, jettison valve to atmosphere.	1	DTD323	MR/C	
3473	† C.189161/59						Pipe, wheel brake, stbd. wing break to union.	1	DTD323	MR/C	

† For details see piping chart.

RESTRICTED

HAL 2733/2

SERVICES - HYDRAULICS IN WINGS

REF. NO.	PART NO.						DESCRIPTION.	Nº OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
3474	† C.189161/60						Pipe, wheel brake, stbd. wing, union to union.	1	DTD323	MR/C	
3475	C.189161/61						Pipe, wheel brake, stbd. wing, union to flexible hose.	1	DTD323	C	
3476	C.189161/62						Pipe, wheel brake, stbd. wing, flexible hose to torsion link.	1	DTD323	C	
3477	C.189161/63						Pipe, wheel brake, stbd. wing, torsion link to brake unit.	1	DTD323	C	
3479	† C.189161/65						Pipe, power assisted aileron, stbd. wing, aileron control valve to tee piece.	1	DTD323	MR/C	
3480	C.189161/66						Pipe, power assisted aileron, stbd. wing, tee piece to union.	1	DTD323	C	
3481	† C.189161/67						Pipe, power assisted aileron, stbd. wing, union to tee piece.	1	DTD323	MR/C	
3482	† C.189161/68						Pipe, power assisted aileron, stbd. wing, tee piece to flexible hose.	1	DTD323	MR/C	
3483	C.189161/69						Pipe, power assisted aileron, stbd. wing, tee piece to jack lock.	1	DTD323	C	
3484	C.189161/70						Pipe, power assisted aileron, stbd. wing, tee piece to union.	1	DTD323	C	
3485	† C.189161/71						Pipe, power assisted aileron, union to stbd. wing break.	1	DTD323	MR/C	
3486	C.189161/72						Pipe, flap up, stbd. wing break to union.	1	DTD323	C	
3487	C.189161/73						Pipe, flap up, stbd. wing, union to bleed adapter.	1	DTD323	C	
3488	C.189161/74						Pipe, flap up, stbd. wing, bleed adapter to flap jack.	1	DTD323	C	
3489	† C.189161/75						Pipe, flap down, stbd. wing break to union.	1	DTD323	MR/C	
3490	C.189161/76						Pipe, flap down, stbd. wing, union to bleed adapter.	1	DTD323	C	
3491	C.189161/77						Pipe, flap down, stbd. wing, bleed adapter to flap jack.	1	DTD323	C	
3492	C.189161/78						Pipe, flap balance, stbd. wing break to union.	1	DTD323	C	
3493	C.189161/79						Pipe, flap balance, stbd. wing, union to flap 'up' connector.	1	DTD323	C	
3494	C.189161/80						Pipe, flap balance, stbd. wing break to union.	1	DTD323	C	
3495	C.189161/81						Pipe, flap balance, stbd. wing, union to flap down connector.	1	DTD323	C	

† For details see piping chart.

SERVICES - HYDRAULICS IN WINGS

Page N 86

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
3496	C. 189161/82						Pipe, air charging, stbd. wing, charging connector to accumulator.	1	DTD323	C	
3497	C. 189161/83						Pipe, flap balance, stbd. wing, union to union.	1	DTD323	C	
3498	C. 189161/84						Pipe, flap balance, stbd. wing, union to union.	1	DTD323	C	
27Q/	Dowty C. 3651Y Mk. A						Regulator, undercarriage fairing door.	2	-	A	
27Q/1125	Dowty C. 4862Y Mk. C						Regulator, undercarriage pressure.	1	-	A	
27Q/932	Dowty D. 3371Y Mk. B						Restrictor, one way.	2	-	A	
3979	F. 197927						Spool, brake pipe attachment to u/c leg.	2	-	MR/C	
1932	F. 194934						Tee-piece, 1/2" x 1/2" x 1/4".	2	-	C	
3792	Std. 1509/23/025						Tube, distance 5/16" o/d x 17 s.w.g. (Make from 30B/556).	3	T.4	MR/C	4
-	Std. 1509/23/026						Tube, distance 5/16" o/d x 17 s.w.g. (Make from 30B/556).	1	T.4	-	
27Q/1013	Dowty C. 5702Y Mk. A						Valve, control, aileron.	1	-	A	
27Q/1120	Dowty C. 5709Y Mk. E						Valve, control, u/c and flaps.	2	-	A	
27Q/1015	Dowty C. 2701 Mk. E						Valve, jettison.	2	-	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/1132	Dowty C. 3942Y Mk. K						Valve, sequence, u/c, port.	1	-	A	
27Q/1131	Dowty C. 3942Y Mk. G						Valve, sequence, u/c, starboard.	1	-	A	
27Q/945	Dowty C. 4122Y Mk. A						Valve, shuttle.	2	-	A	
27Q/927	Dowty C. 4603Y Mk. A						Valve, thermal relief.	4	-	A	
27Q/1019	Dowty C. 5759Y						Valve, throttling.	2	-	A	

SERVICES - HYDRAULICS IN WINGS

REF. NO	PART NO						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO
		1	2	3	4	5					
<p><u>Pages N.88 to N.92 reserved for amendments.</u></p>											

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	M.R. CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28Y/12849	AGS. 1212					Adapter.					
28D/12528	A. 25. 1B					Bolt.					
28D/12623	A. 25. 5B					Bolt.					
28D/12530	A. 25. 6B					Bolt.					
28D/12624	A. 25. 7B					Bolt.					
28D/12565	A. 25. 8B					Bolt.					
28D/12811	A. 25. 16B					Bolt.					
28D/12512	A. 25. 1C					Bolt.					
28D/12513	A. 25. 2C					Bolt.					
28D/12531	A. 25. 3C					Bolt.					
28D/12566	A. 25. 6C					Bolt.					
28D/12514	A. 25. 7C					Bolt.					
28D/12534	A. 25. 9C					Bolt.					
28D/12516	A. 25. 11C					Bolt.					
28D/12537	A. 25. 14C					Bolt.					
28D/12538	A. 25. 15C					Bolt.					
28D/12539	A. 25. 16C					Bolt.					
28D/12517	A. 25. 17C					Bolt.					
28D/12567	A. 25. 20C					Bolt.					
28D/12547	A. 25. 15E					Bolt.					
28F/11177	AGS. 1159/A					Cap, cone.					
28F/10020	AGS. 1120/1					Cone, tee.					
28F/9720	AGS. 1120/3					Cone, tee.					
28F/9722	AGS. 1120/6					Cone, tee.					
28F/13290	AGS. 1120/11					Cone, tee.					
28F/10610	AGS. 1118/B					Cone, tee.					
28Y/10145	AGS. 1200					Connector, charging.					
28F/9735	AGS. 1142/A					Nipple.					
28F/14528	AGS. 1170/A					Nipple.					
28F/14123	AGS. 1170/B					Nipple.					
28F/14529	AGS. 1170/C					Nipple.					
28F/14530	AGS. 1170/D					Nipple.					
28M/10327	AGS. 2002/B1					Nut, 4 B.A.					
28M/10328	AGS. 2002/C1					Nut, 2 B.A.					
28M/10330	AGS. 2002/E1					Nut, 1/4" B.S.F.					
28F/12431	SP. 9.C6					Pin, split.					

SERVICES - HYDRAULICS IN WINGS

REF. No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No.
		1	2	3	4	5					
28F/10482	AGS. 1140/A						Plug nipple.				
28F/11884	AGS. 1143/A						Plug cone.				
28F/11966	AGS. 1174						Screw, bleed.				
28F/5721	AGS. 904/A						Sleeve.				
28L/702	AGS. 194/2						Tab, locking.				
28F/11080	AGS. 1106/B						Union cone to nipple.				
28F/11855	AGS. 1113/A						Union, bulkhead.				
28F/11273	AGS. 1113/B						Union, bulkhead.				
28F/12373	AGS. 1125/1						Union, tee 4 way.				
28F/9726	AGS. 1123/C						Union, cone 4 way.				
28W/12306	SP. 15,B						Washer, 4 B.A.				
28W/12296	SP. 15,C						Washer, 2 B.A.				
28W/12496	SP. 15,E						Washer, 1/4" dia.				
28W/12355	SP. 16,C						Washer, 2 B.A.				

SERVICES - OXYGEN INSTALLATION

Issued on A.L. No.1

Page N9

REF. NO.	PART NO.	DESCRIPTION					NO OFF	MATL SPEC.	MR CL. of ST	PLATE NO
		1	2	3	4	5				
	D.186746	<u>OXYGEN INSTALLATION ASSEMBLY.</u>					-	-		
6D/1647 2847	- F.189159	Adaptor, inlet, straight.					1	-	C	
		Block, emergency control support clip.					1	LFS.21	MR/C	N.10
447	F.186436	Bolt, securing cylinder straps (Make from 28D/12568).					4	-	C	N.10
448	A.186437	Cable, front, for cylinder heads.					1	-	C	N.10
449	A.186438	Cable, rear, for cylinder heads.					1	-	C	N.10
5280	F.206144	Cable, emergency control.					1	W.2	C	N.10
4099	Std.840/18	Clip, securing emergency control cable, 7/16" wide x 22 s.w.g. x 1.8" long (Make up from 30B/1433).					1	DTD.610	C	4
3740	Std.840/33	Clip, for pipe, 7/16" wide x 22 s.w.g. x 3.3" long (Make up from 30B/1433).					1	DTD.610	MR/C	4
3750	Std.842/10	Clip, for pipe, 7/16" wide x 22 s.w.g. x 1.0" long (Make up from 30A/549).					5	S.3	MR/C	4
4297	Std.843/11	Clip, for pipe, 7/16" wide x 22 s.w.g. x 1.1" long (Make up from 30A/549).					1	S.2	MR/C	4
-	Std.850/31	Clip, for pipe, 7/16" wide x 22 s.w.g. x 3.1" long (Make up from 30B/1433).					2	DTD.610	-	
1937	F.194470	Clip, at pressure relief valve.					1	S.3	C	N.10
4236	F.202451	Clip, securing cylinder covers.					2	-	C	N.10
1938	B.195180	Connector, low pressure tube.					1	-	C	N.10
1538	Std.1285/3/BB	Connector, earthing.					1	-	C	4
4840	Std.1285/5/BC	Connector, earthing.					1	-	MR/C	4
4233	B.200243	Cover, protective, for charging valve.					1	Govex	C	N.10
4234	A.200425	Cover, protective, for cylinder valve.					2	P.V.C.	C	N.10
6D/1383	-	Cylinder, H.P. Mk.5D.					2	-	A	
5281	A.206145	Duct, for emergency control cable, 7/16" o/d x 22 s.w.g.					1	DTD.323	C	N.10
2849	F.189154	Duct, for emergency control cable, 7/16" o/d x 22 s.w.g.					1	DTD.323	MR/C	N.10
1939	F.195750	Fairlead, low pressure pipe.					2	LFS.21	C	N.10
6D/574	-	Filter, pipe line, Mk.1.					1	-	A	
6D/1615	-	Gauge, contents, Mk.3.					1	-	A	
461	F.189156	Knob, for emergency control.					1	DTD.364	C	N.10
6D/642	-	Label, adhesive, for filter.					1	-	C	
6D/641	-	Label, adhesive, for filter.					4	-	C	
462	F.174142	Link, emergency control cable.					1	DTD.610	C	N.10

SERVICES - OXYGEN INSTALLATION

Page N98

Issued on A.L. No.1

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
1940	Std.1231/1					Lug, locking.	1	S.3	C	4	
	F.198869					Lug, at charging valve.	1	DTD.610			
6D/575	-					Piece, connecting, 2 way, Mk.3A.	1	-	C		
6D/603	-					Piece, connecting, 3 way, Mk.3A.	5	-	C		
4095	Mills					Pin, grooved, 1/4" dia. x 9/16" long.	1	-	MR/C		
	GP.2										
450	B.186747/1					Pipe, charging valve to filter.	1	T.51	C		
532	B.186747/2					Pipe, filter to 3 way connection.	1	T.51	C		
533	B.186747/3					Pipe, 3 way connection to 3 way connection.	1	T.51	C		
534	B.186747/4					Pipe, 3 way connection to 3 way connection.	1	T.51	C		
535	B.186747/5					Pipe, 3 way connection to cylinder.	1	T.51	C		
536	B.186747/6					Pipe, 3 way connection to cylinder.	1	T.51	C		
537	B.186747/7					Pipe, 3 way connection to 3 way connection.	1	T.51	C		
538	B.186747/8					Pipe, 3 way connection to 3 way connection.	1	T.51	C		
539	B.186747/9					Pipe, 3 way connection to bulkhead connection.	1	T.51	C		
540	B.186747/10					Pipe, bulkhead connection to 3 way connection.	1	T.51	C		
541	B.186747/11					Pipe, 3 way connection to gauge.	1	T.51	C		
542	B.186747/12					Pipe, 3 way connection to pressure reducing valve.	1	T.51	C		
451	A.186748					Pipe, pressure reducing valve to demand regulator.	1	L.54	C		
452	A.187685					Pipe, demand, regulator to flexible connection.	1	L63 or Std.1741	C		
453	A.187686					Pipe, flexible connection to low pressure tube connector.	1	D.63 or Std.1741	C		
1941	Std.499/3					Plate, locking, attachment of filter to frame 6.	1	L.3	C	4	
1942	F.195799					Plug, connector sealing.	1	Rubber	C	N.10	
6D/1710	-					Regulator, demand, type D.1.	1	-	A		
6D/1700	-					Regulator, demand, type D.1. (B) (alternative to 6D/1710).	1	-	A		
1943	Std.1606/45/B16					Screw, 4 B.A. x 1/2" long.	4	Brass	C	5	
4235	F.200426					Spring, for charging valve cover.	1	Steel	C	N.10	
455	B.186427					Strap, front support, forward cylinder.	2	-	C	N.10	
456	B.186428					Strap, front support, rear cylinder.	2	-	C	N.10	
457	B.186429					Strap, rear support, forward and rear cylinder.	4	-	C	N.10	
-	Std.1509/23/064					Tube, distance, 5/16" o/d x 17 s.w.g. x .64" long (Make from 30B/556).	5	T.4	-		

SERVICES - OXYGEN INSTALLATION

Issued on A.L. No.1

Page N99

REF. NO.	PART NO.	DESCRIPTION					NO OF	MATERIAL SPEC	MR CL of ST	PLATE NO.
		1	2	3	4	5				
458	C.186059	Tube, support, for cylinder mounting.					1	-	C	N.10
5767	Std.1509/12/030	Tube, distance, at earthing connection 1/4" o/d x 20 s.w.g. x 3" long (Make from 30B/619).					1	T.4	MR/C	4
32/C20	-	Tube, flexible, 7/8" i/d x 1.1/4" o/d x 2" long.					3	F.7	C	
-	Std.1509/23/076	Tube, distance, 5/16" o/d x 17 s.w.g. x 76" long (Make from 30B/556).					1	T.4	-	
463	F.189155	Tube, for emergency control cable.					1	DTD.464	C	N.10
459	A.185345	Union, special, frame 6.					1	DTD.423	C	N.10
6D/1497	-	Union, blanking.					1	-	C	
6D/264	-	Valve, H.P., Mk. 7A.					2	-	A	
6D/223	-	Valve, H.P., Mk. 8.					1	-	A	
6D/427	-	Valve, non-return, Mk. 1.					4	-	A	
6D/1616	-	Valve, pressure reducing.					1	-	A	

SERVICES - OXYGEN INSTALLATION

Issued on A.L. No. 1

Page N101

REF NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC	MR CL of ST	PLATE NO
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28D/12528	A25.1B					Bolt, 4 B.A.					
28D/12511	A25.2B					Bolt, 4 B.A.					
28D/12512	A25.1C					Bolt, 2 B.A.					
28D/12531	A25.3C					Bolt, 2 B.A.					
28D/12533	A25.5C					Bolt, 2 B.A.					
28D/12566	A25.6C					Bolt, 2 B.A.					
28D/12534	A25.9C					Bolt, 2 B.A.					
28D/8307	AS.1242/2C					Bolt, 2 B.A.					
28Y/	AGS.1200/11					Chain.					
28E/8183	AGS.605/1					Clip.					
28E/10042	AS.2294/5					Clip.					
28M/802	AGS.113/C					Nut, wing, 2 B.A.					
28F/9584	AGS.1148/B					Nut, thin, 1/4" B.S.F.					
28M/10287	AGS.2001/B1					Nut, stiff, 4 B.A.					
28M/10288	AGS.2001/C1					Nut, stiff, 2 B.A.					
28M/10327	AGS.2002/B1					Nut, stiff, 4 B.A.					
28M/10328	AGS.2002/C1					Nut, stiff, 2 B.A.					
28P/813	S.P.4Y./A3					Pin.					
28P/846	S.P.4Y./C4					Pin, 7/32" dia.					
28P/864	S.P.4Y./D6					Pin.					
28P/12587	S.P.9/C4					Pin, split, 1/16" dia.					
28P/12431	S.P.9/C6					Pin, split, 1/16" dia.					
	A.32/B14					Screw, 4 B.A.					
28S/2863	A.32/B16					Screw, 4 B.A.					
28S/2875	A.32/B24					Screw, 4 B.A.					
28F/12048	AGS.1186/B					Seal.					
28U/6204	AS.2908					Turnbuckle.					
28W/12306	SP.15/B					Washer, 4 B.A.					
28W/12731	SP.16/B					Washer, 4 B.A.					
28W/12296	SP.15/C					Washer, 2 B.A.					
28W/12355	SP.16/C					Washer, 2 B.A.					

SERVICES - PILOTS ANTI "G" INSTALLATION

Issued on A.L. No. 1

Page N103

REF. No.	PART No.	DESCRIPTION.					No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No.
		1	2	3	4	5				
	D.190124	<u>PILOTS ANTI "G" INSTALLATION ASSEMBLY.</u>					-	-		
861	F.188884	Angle, mounting, anti "G" valve.					1	DTD,610	C	N.10
862	F.188882	Angle, mounting, anti "G" valve.					1	DTD,610	C	N.10
863	F.190229	Bolt, special, connecting air bottle straps.					2	S.95.B	C	N.10
447	F 186436	Bolt, special, strap clamping.					2	S,95,B	C	N 10
27VA/3988	Dunlop ACM.16782 or ACM.16780	Bottle, air, spherical.					2	-	A	
864	F.190220	Clip, mounting, reducing valve.					1	S,3	C	N.10
865	Std.1178/3	Clip, mounting, reducing valve.					1	S3 & T26	C	4
3951	Std.840/26	Clip, securing pipes, 7/16" wide x 22 s.w.g. x 2.6" long (Make from 30B/1433).					2	DTD,610	MR/C	4
3746	Std.841/26	Clip, securing pipes.					1	DTD,610	C	4
3751	Std.842/12	Clip, securing pipes, 7/16" wide x 22 s.w.g. x 1.2" long (Make from 30A/1284).					1	S,3	MR/C	4
4667	Std.850/28	Clip, securing pipes, 7/16" wide x 22 s.w.g. x 2.8" long (Make from 30B/1433).					2	DTD,610	MR/C	4
1538	Std.1285/3/BB	Connector, earthing.					2	-	C	4
4134	Std.1285/4/BB	Connector, earthing.					1	-	C	4
3774	Std.1306/ N/20	Coupling, flexible, 5/8" i/d x 2.0" long.					4	DTD,625A	MR/C	4
4276	Std.1306/ N/38	Coupling, flexible, 5/8" i/d x 3.8" long.					2	DTD,625A	MR/C	4
1707	A.193653	Elbow, at cockpit shelf side wall.					1	L54 or T,9	C	-
27VA/3443	Dunlop ACO.7273	Filter.					1	-	A	
6A/2691	-	Gauge, pressure, Mk.14.KK.					1	-	A	
2851	D.190124/1	Hose, kink proof (Dunlop), 5/8" i/d x 12.1/2" long.					1	-	MR/C	-
6A/2771	-	Label, air.					1	-	C	
3584	† A.190201/1	Pipe, 4 way piece to non return valve.					1	DTD,323	MR/C	-
3585	† A.190201/2	Pipe, non return valve to air bottle.					1	DTD,323	MR/C	-
3586	‡ A.190201/3	Pipe, air bottle to air bottle.					1	DTD,323	MR/C	-
3587	‡ A.190201/4	Pipe, air bottle to filter.					1	DTD,323	MR/C	-
1948	A.190201/5	Pipe, filter to tee-piece.					1	DTD,323	C	-
3588	‡ A.190201/6	Pipe, tee-piece to selector valve.					1	DTD,323	MR/C	-
3589	‡ A.190201/7	Pipe, selector to reduction valve.					1	DTD,323	MR/C	-
3590	‡ A.190201/8	Pipe, tee-piece to gauge.					1	DTD,323	MR/C	-
3591	‡ A.193654/1	Pipe, anti-G valve to connection.					1	L54 or T9	MR/C	-

† For details see piping chart.

RESTRICTED

SERVICES - PILOTS ANTI "G" INSTALLATION

Page N104.

Issued on A.L. No.1

REF. No.	PART No.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL. of ST.	PLATE No.
		1	2	3	4	5					
3592	† A.193654/2					Pipe, connection.	1	T54 or T9	MR/C	-	
3593	† A.193654/3					Pipe, connection to elbow.	1	L54 or T9	MR/C		
3839	Std.1606/44/B16					Screw, securing elbow. 4 B.A. x 1/2" long. (Referenced 26AQ/2782 for Admiralty).	3	Brass	MR/C	5	
1720	Std.1606/44/B24					Screw, securing pressure gauge.	4	-	C	5	
866	F.189989					Shackle.	2	DTD.166	C	N.10	
27VA/3445	Dunlop ACO.6580					Socket, quick release.	1	-	A		
867	F.189991					Strap, air bottle.	4	DTD.166	C	N.10	
868	F.190003					Strap, air bottle.	2	DTD.166	C	N.10	
3787	Std.1507/23/035					Tube, distance, 5/16" o/d x 17 s.w.g. x .35" long (Make from 30A/966).	2	T.26	MR/C	4	
3808	Std.1509/23/040					Tube, distance, 3/8" o/d x 17 s.w.g. x .4" long (Make from 30B/557).	1	T.4	MR/C	4	
3802	Std.1509/23/085					Tube, distance for clip securing pipe, 3/8" o/d x 17 s.w.g. x .85" long (Make from 30B/557).	1	T.4	MR/C	4	
869	F.140778					Union, reducing (Referenced 26FH/570 for Admiralty).	1	L.1	C	-	
27VB/3254	Hymatic AG.2					Valve, anti "G".	1	-	A		
27Q/925	Dowty D.5210.Y					Valve, non return.	1	-	A		
27VC/27	Palmer C.58					Valve, reducing.	1	-	A		
27VB/3441	Hymatic SV.9					Valve, selector.	1	-	A		
870	Std.915/B/18					Washer.	3	DTD.610	C	4	

† For details see piping chart.

SERVICES - PILOTS ANTI "G" INSTALLATION

Issued on A.L. No.1

Page N105

REF. No.	PART NO.						DESCRIPTION.	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28D/12534	A25.9.C					Bolt, 2 B.A.					
28F/9501	AGS.1142B					Nipple.					
28M/5316	A27.C.P.					Nut, 2 B.A.					
28M/10215	AGS.2008.B1					Nut, 4 B.A.					
28M/802	AGS.113C					Nut, wing.					
28F/10020	AGS.1120/1					Piece, tee.					
28F/825	SP.4.Y.A15					Pin.					
28F/12587	SP.9.C.4					Pin, split.					
28S/14005	A32.B.14					Screw.					
28S/13742	A32.C.14					Screw.					
28W/12355	SP.16.C					Washer, 2 B.A.					

SERVICES - PRESSURISATION FRONT FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR CL of ST	PLATE NO.
		1	2	3	4	5					
	C.191225							-	-		
	E.182797							-	-		
1370	F.187763							2	DTD364	C	
	E.182797/1							3	Brass		
4164	Std.850/50							3	DTD610	C	
924	Std.1682/12							2	S3 & T26	C	
752	Std.1166/8							1	S3 & T26	C	
2793	A.185675							1	S.3	MR/C	
27KD/	Normalair Ltd. 503,850							1	-	A	
27KD/	Normalair Ltd. 504,600							1	-	C	
4136	Std.1285/3BC							1	-	C	
4137	Std.1285/4BC							2	-	C	
1380	C.182798							1	DTD213 & T.9	C	
2790	F.179155							2	S.3	MR/C	
1379	F.185407							1	B11 & Brass Gauge	C	
1375	A.182801							1	BSS265 & Brass Gauge	C	
	A.183593							1	DTD610		
	F.187482							1	L.59		
2144	Std.1231/3							6	S.3	C	
	B.187402							1	DTD610		
2791	F.187586							1	DTD610	MR/C	
1378	F.187764							1	DTD253	C	
2788	B.186838							1	L.54	MR/C	
2792	F.187585							1	Felt	MR/C	

RESTRICTED

SERVICES - PRESSURISATION FRONT FUSELAGE

Page N. 108

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
3932	E.182797/2 Dowty						Ring, "S" type. Seal, bonded.	1 8	Brass -		C
3936	G.D.1307/3 Dowty						Seal, bonded.	1	-		C
3937	G.D.1307/A Dowty						Seal, bonded.	3	-		C
3943	G.D.1307/B Dowty						Seal, bonded.	1	-		C
27KD/13	G.D.1307/K Normalair Ltd.						Shroud, for 2/15 combined valve	1	-		C
1715	504,050 Std.1744/12						Sleeve, sealing.	2	Silicone Rubber		C
1371	F.182800						Stud, at frame 6, securing guard and locking plate.	8	S.95.B		C
1377	F.187120						Stud, for 2/15 combined valve unit.	2	S.95.B		C
1369	A.187762						Union, flanged type, at cabin pressure static pipe.	1	DTD364		C
666	B.185327						Valve, non-return, at frame 6, group.	1	-		A
1940	Std.1231/1						Lug, locking.	2	S.3		C
669	F.185406						Pin, pivot.	1	DTD364		C
668	F.185333						Plate, valve, assembly.	1	-		C
670	F.177073						Seating, for valve.	1	Rubber		C
3942	Dowty						Seal, bonded.	1	-		C
2708	G.D.1307/J A.185331						Shroud.	1	L16 or DTD212		C
671	F.185336						Spring.	1	Bronze Wire		C
672	F.185335						Washer, joint.	1	DTD378		C
27KD/15	Normalair Ltd.						Valve unit, 2/15 combined type.	1	-		A
1372	504,000 F.179156						Washer, tapered, at ground pressurising duct mounting.	6	-		C
1373	F.179157						Washer, tapered, at ground pressurising duct mounting.	2	LFS.21		C
1374	F.174892						Washer, sealing, at ground pressurising duct mounting.	1	DTD378A		C
1376	F.174891						Washer, sealing, at ground pressurising guard.	1	DTD378A		C
	D.191110						Cabin pressurising equipment between frames 7 and 13, assembly.	-	-		
4133	A.198221						Adaptor, elbow.	1	L.34		

RESTRICTED

HAL 2732/2

SERVICES - PRESSURISATION FRONT FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATERIAL SPEC.	M.R. CL. of ST.	PLATE NO.
		1	2	3	4	5					
2732	A.193578						Clip, securing feed pipe for hood de-misting duct, forward.	2	DTD610	MR/C	
4164	Std.850/50						Clip, earthing, 7/16" wide x 22 s.w.g. x 5" long. (Make up from 30B/1433).	8	DTD610	C	
2733	A.193577						Clip, securing feed pipe for hood de-misting duct, rear.	2	DTD610	MR/C	
1336	Std.1681/8						Clip, securing supply pipe to hood de-misting feed pipe.	2	S3 & T26	C	
924	Std.1682/12						Clip, securing feed pipes.	5	S3 & T26	C	
4134	Std.1285/4BB						Connector, earthing, air pipe to frame.	2	-		
4135	Std.1285/2BC						Connector, earthing air pipes to frame 18.	2	-	C	
4000	Std.1285/2BB						Connector, earthing air pipes to frame 18.	2	-	C	
1331	C.186312						Duct, for windscreen de-misting.	1	L54 & DTD213	C	
1332	C.186544						Duct, for windscreen side panels de-misting, port.	1	BSS265	C	
1333	C.186545						Duct, for windscreen side panels de-misting, starboard.	1	BSS265	C	
1337	C.186603						Duct, feed, for hood de-misting, port.	1	L59 or DTD213	C	
1338	C.186604						Duct, feed, for hood de-misting, starboard.	1	L59 or DTD213	C	
	A.198867						Holder, card, pilots, port group.	1	-		
	A.198868						Holder, card, pilots, starboard group.	1	-		
1480	Std.218/8						Nut, attaching hood de-misting duct.	8	S.62	C	
1346	C.187240						Piece, 4 way, non-return valve to cabin feed pipes.	1	L54 or L59	C	
1342	C.186798						Pipe, supply for windscreen side panel spray, port.	1	L59 or DTD213	C	
1343	C.186799						Pipe, supply, for windscreen side panel spray, starboard.	1	L59 or DTD213	C	
1345	C.187238						Pipe, supply, 4 way piece to hood de-misting feed pipe, port.	1	L54 or T9	C	
1344	C.187239						Pipe, supply, 4 way piece to hood de-misting feed pipe, starboard.	1	L54 or T9	C	
1340	C.186627						Plate, diffuser, for hood de-misting, port.	1	DTD610	C	

SERVICES - PRESSURISATION FRONT FUSELAGE

Page N.110

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
1341	C.186628						Plate, diffuser, for hood de-misting, starboard.	1	DTD610	C	
	C.193579						Plate, guard, for de-misting duct feed pipe, port.	1	DTD213		
	C.193580						Plate, guard, for de-misting duct feed pipe, starboard.	1	DTD213		
	B.197280						Plate, mounting, between frames 7 and 8.	1	L.72		
3934	Dowty G.D.1307/4						Seal, bonding, for supply pipe to windscreen side panel spray.	2	-	C	
3939	Dowty G.D.1307/C						Seal, bonding.	2	-	C	
1334	C.186832						Shroud, for windscreen side panel duct, port.	1	DTD213 or L.59	C	
1335	C.186833						Shroud, for windscreen side panel duct, starboard.	1	DTD213 or L.59	C	
1885	Std.1744/8						Sleeve, sealing.	2	Silicone Rubber	C	
1715	Std.1744/12						Sleeve, sealing.	5.	Silicone Rubber	C	
	D.184832						Cabin pressurising equipment between frames 13 and 19 assembly.	-	-		
1390	F.173561						Block, securing actuator for temperature control valve.	1	LFS.23	C	
	A.189270						Bracket, mounting, for electro magnetic valve.	1	DTD610		
1356	B.185404						Chamber, mixing, forward of frame 16.	1	DTD213 & L.54	C	
1359	B.187401						Clamp, half for pipe coupling at water extractor.	4	Stamping	C	
2767	F.173562						Clip, securing actuator for temperature control valve.	1	DTD610	MR/C	
2768	F.189595						Clip, special, securing hood seal pipes at pressure diaphragm, frame 14.	2	DTD610	MR/C	
1364	F.187147						Clip, supporting mixing chamber.	1	S.3	C	
752	Std.1166/8						Clip, supporting mixing chamber.	1	S3 & T26	C	
924	Std.1682/12						Clip, securing for air supply pipes.	8	S3 & T26	C	
1366	Std.1682/10						Clip, securing, for air supply pipes.	2	S3 & T26	C	
3732	Std.840/10						Clip, securing drain vent pipe 7/16" wide x 22 s.w.g. x 1" long (Make from 30B/1433).	1	DTD610	MR/C	

SERVICES - PRESSURISATION FRONT FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
3736	Std. 840/17						Clip, securing hood seal and air extraction valve pipes.	1	DTD610	C	
3751	Std. 842/12						Clip, securing hood seal and air extraction valve pipes 7/16" wide x 22 s.w.g. x 1.2" long (Make from 30B/1433).	2	S.3	MR/C	
4135	Std. 1285/2BC						Connector, earthing, air pipes to frame 18.	2	-	C	
4134	Std. 1285/4BB						Connector, earthing, air pipes to frame 16.	2	-	C	
4000	Std. 1285/2BB						Connector, earthing, air pipes to frame 18.	2	-	MR/C	
1358	A. 186831						Coupling, special cone type, at non-return valve.	1	DTD364	C	
1360	A. 185338						Coupling, at pressure diaphragm, for reducing valve.	1	DTD364	C	
3776	Std. 1306/J/ 20						Coupling, flexible, for hood seal pipe connection.	1	DTD625A Type 3	C	
27UA/	Sir George Godfrey Ltd. 23782						Coupling, drain vent.	1	-	C	
27UA/395	Sir George Godfrey Ltd. W.E. 15 23704						Extractor, water.	1	-	A	
1940	Std. 1231/1						Lug, locking, for wire locking of pipes.	1	S.3	C	
2144	Std. 1231/3						Lug, locking, for wire locking of pipes.	1	S.3	C	
1355	F. 183339						Pin, special, for connecting rod	1	S11 or S.95.B	C	
2769	† C. 185829/1						Pipe, from connection at frame 18 to non-return valve at pressure diaphragm.	1	DTD253	MR/C	
2770	† C. 185829/2						Pipe, from banjo at reducing valve to connection at pressure diaphragm.	1	DTD253	MR/C	
2771	† C. 185829/3						Pipe, from connection at diaphragm to electro-magnetic valve inlet.	1	DTD253	MR/C	
2772	† C. 185829/4						Pipe, from electro-magnetic valve atmosphere connection, to air extractor duct.	1	DTD253	MR/C	
2773	† C. 185829/5						Pipe, from electro-magnetic valve to outlet connection at pressure diaphragm.	1	DTD253	MR/C	

RESTRICTED

SERVICES - PRESSURISATION FRONT FUSELAGE

Page N. 112

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
2775	† C.185829/7						Pipe, from connection at pressure diaphragm to hood seat connection.	1	DTD253	MR/C	
2776	† C.185829/8						Pipe, from banjo at reducing valve to electro-magnetic valve inlet.	1	DTD253	MR/C	
2777	† C.185829/9						Pipe, from electro-magnetic valve, atmosphere connection, to connection at pressure diaphragm.	1	DTD253	MR/C	
2778	† C.185829/10						Pipe, from connection at diaphragm, to air extractor duct.	1	DTD253	MR/C	
2779	† C.185829/11						Pipe, from electro-magnetic valve outlet connection to air extractor valve.	1	DTD253	MR/C	
2782	† C.185829/14						Pipe, from connection to connection.	1	DTD253	MR/C	
2783	† C.185829/15						Pipe, from connection to banjo at reducing valve.	1	DTD253	MR/C	
2784	† C.185829/16						Pipe, from combined valve unit to connection at frame 6.	1	DTD253	MR/C	
2785	† C.185829/17						Pipe, from connection at frame 6, to pressure controller, discharge connection.	1	DTD253	MR/C	
2786	† C.185829/18						Pipe, from guard at frame 6, to connection at same frame.	1	DTD253	MR/C	
2787	† C.185829/19						Pipe, from water extractor to drainage vent.	1	DTD253	MR/C	
	† C.185829/20						Pipe, from connection to connection.	1	DTD253	MR/C	
	† C.185829/21						Pipe, from seal test connection at frame 6, to connection.	1	DTD253	MR/C	
1427	B.191111						Pipe, hot air, between frames 16 and 18, c/w lagging.	1	L.54	C	
1428	B.191112						Pipe, cold air, between frames 16 and 18, c/w lagging.	1	L.54	C	
50/	Teddington Controls Ltd. FLJ/A/2.						Resistor, follow-up type.	1	-	A	
1357	F.185498						Rod, connecting group.	1	-	C	
	F.152671						Eye-end.	2	S.1		
3935	Dowty Ltd. G.D.1307/23						Seal, bonded.	1	-	C	
3937	Dowty Ltd. G.D.1307/B						Seal, bonded.	1	-	C	

SERVICES - PRESSURISATION FRONT FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
3940	Dowty Ltd. G.D. 1307/D					Seal, bonded.	1	-	C		
3943	Dowty Ltd. G.D. 1307/K					Seal, bonded.	1	-	C		
1659	Std. 1744/10					Sleeve, sealing, for pipe connection.	1	Silicone Rubber	C		
1715	Std. 1744/12					Sleeve, sealing, for pipe connection.	1	Silicone Rubber	C		
3806	Std. 1509/23/ 032					Tube, distance, for electro-magnetic valve mounting bracket, 5/16" o/d x 17 s.w.g. x .32" long (Make from 30B/556).	3	T.4	MR/C		
	B. 184967					Valve, temperature control, and actuator group.	1	-			
	A. 184969					Lever, quadrant group.	1	-			
5W/307	Plessey CZ. 54709/10/A					Actuator.	1	-	A		
2766	A. 183331					Block, mounting.	1	DTD364	MR/C		
1354	F. 183338					Bolt, shoulder.	1	S11 or S.95.B	C		
1353	A. 183332					Lever, quadrant.	1	DTD124 or S.95B	C		
1355	F. 183339					Pin, special.	1	S11 or S.95.B	C		
1347	B. 184968					Valve group.	1	-	B		
1662	F. 184647					Bearing, at inlet connection.	1	St.St. & Phos. Bronze	C		
	-					Body and sleeve group. (B. 184968) Consisting of:-	1	-			
	B. 184971					Body) not to be supplied	1	Stamping			
	A. 173149					Sleeve) separately.					
	A. 173147					Connection, inlet.	1	DTD364			
	F. 196870					Plate, serial No.	1	Alum			
	A. 184970					Spindle, group.	1	-			
1350	F. 172947					Lever, operating.	1	Casting	C		
1349	F. 183333					Pinion.	1	S11 or S.85.B	C		
1351	F. 184869					Shaft, top coupling.	1	S.62.B	C		
1348	F. 172951					Spring.	1	Sp.St.	C		
1352	F. 179471					Washer, sealing.	2	-	C		

RESTRICTED

SERVICES - PRESSURISATION FRONT FUSELAGE

Page N. 114

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
666	B.185327						Valve, non-return at frame 14, group.	1	-	B	
1940	Std.1231/1						Lug, locking.	2	S.3	C	
669	F.185406						Pin, pivot.	1	DTD364	C	
668	F.185333						Plate, valve, assembly.	1	-	C	
3942	Dowty G.D.1307/J						Seal, bonded.	1	-	C	
670	F.177073						Seating, for valve.	1	Rubber	C	
2708	A.185331						Shroud.	1	L16 or DTD212	MR/C	
671	F.185336						Spring.	1	Bronze	C	
672	F.185335						Washer, joint.	1	Wire DTD378	C	
1361	B.185213						Valve, air extractor, group.	1	-	B	
1362	A.185216						Diaphragm, assembly.	1	-	C	
2144	Std.1231/3						Lug, locking.	3	S.3	C	
3937	Dowty G.D.1307/B						Seal, bonded.	1	-	C	
1363	F.172452						Spring.	1	Phos. Bronze Wire	C	
27VB/3455	Hymatic Eng: Co.NR.9.Mk.6						Valve, non-return.	1	-	A	
27VB/3454	Hymatic Eng: Co.PS.29/4						Valve, reducing.	1	-	A	
27V/4135	Teddington Controls Ltd. ES/A/430						Valve, electro-magnetic, for air extraction.	1	-	A	
27V/3453	Teddington Controls Ltd. ES/A/390						Valve, electro-magnetic, for air extraction.	1	-	A	
1365	Std.1695/7						Washer, sealing, 2 1/4" i/d, at water extractor.	2	DTD378	C	
3812	Std.1547/22/ 14						Washer, packing, for block securing actuator.	2	DTD610	MR/C	

SERVICES - PRESSURISATION CENTRE FUSELAGE

REF. NO	PART NO						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL of ST.	PLATE NO
		1	2	3	4	5					
	C.191226						<u>CABIN PRESSURISING AND AIR</u> <u>CONDITIONING, CENTRE</u> <u>FUSELAGE, ASSEMBLY.</u>	-	-		
	D.191224						Cabin pressurising equipment between rear spar and frame 35, assembly.	-	-		
	F.202001						Clip, securing, drain pipes at frames 33 and 34.	3	L.72		
	A.190174						Clamp, for pipe coupling between cold air unit and intercooler.	6	-		
3735	Std.840/16						Clip, supporting, pre-cooler and intercooler drain pipes 7/16" wide x 22 s.w.g. x 1.6" long (Make from 30B/1433).	1	DTD610	MR/C	
4165	Std.850/35						Clip, bonding, 7/16" wide x 22 s.w.g. x 3.5" long.	2	DTD610	C	
1336	Std.1682/8						Clip, securing air supply pipe coupling.	6	S3 & T26	C	
	F.190242						Collar, for expansion joint at air supply pipes.	2	DTD364		
4000	Std.1285/2BB						Connector, earthing.	1	-	C	
	D.190813						Duct and cooler, assembly.	-	-		
1439	C.188980						Duct, forward, for pre-cooler, port.	1	L59 or DTD213	C	
1440	C.188981						Duct, forward, for inter-cooler, starboard.	1	L59 or DTD213	C	
1441	D.188982						Duct, rear, for pre-cooler, port.	1	L59 or DTD213	C	
1443	D.188983						Duct, rear, for pre-cooler, starboard.	1	L59 or DTD213	C	
27U/384	Marston Excelsior Ltd. D.119/3A B.200690						Inter-cooler.	1	-		
							Landing, for access door to pre-cooler.	2	DTD610		
4290	F.185172						Link attachment, port cooler to frame.	1	DTD610	MR/C	
4289	F.185171						Link attachment, starboard cooler to frame.	2	DTD610	MR/C	
27U/385	Marston Excelsior Ltd. D.119/4A						Pre-cooler.	1	-		
1412	A.189689						Elbow at air supply valve connection.	1	Stamping	C	

SERVICES - PRESSURISATION CENTRE FUSELAGE

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL SPEC.	MR. CL of ST.	PLATE NO.
		1	2	3	4	5					
	C.190279					Mounting for cold air unit assembly.	-	-			
1447	B.189613					Bracket, mounting.	1	DTD610	C		
1448	B.189614					Bracket, mounting.	1	DTD610	C		
27UA/	Sir George Godfrey Ltd. 23421/G					Dipstick, for oil level.	1	-	B		
27UA/401	-					Unit, cold air, Mk.6W.	1	-			
3652	† B.190885/1					Pipe, for pre-cooler drain.	1	DTD253	MR/C		
3653	† B.190885/2					Pipe, for inter-cooler drain.	1	DTD253	MR/C		
3654	† B.190885/3					Pipe, from connection on hot air pipe to by-pass valve.	1	DTD253	MR/C		
3655	† B.190885/4					Pipe, from connection on cold air pipe to by-pass valve.	1	DTD253	MR/C		
3656	† B.190885/5					Pipe, from connection on pre-cooler outlet pipe to union in top skin.	1	DTD253	MR/C		
3657	† B.190885/6					Pipe, from bulkhead union at frame 18, to union.	1	DTD253	MR/C		
	† B.190885/7					Pipe, union in top skin to union.	1	DTD253	MR/C		
1429	B.191184					Pipe, from inter-cooler outlet to turbine inlet.	1	DTD253	C		
1430	B.191220					Pipe, from compressor outlet to inter-cooler inlet.	1	DTD253	C		
1431	B.191242					Pipe, from compressor outlet to inter-cooler inlet.	1	L.54	C		
1432	B.191310					Pipe, from variable orifice valve to compressor inlet.	1	L.54	C		
1433	B.191381					Pipe, from air supply valve to cold air pipe.	1	L.54	C		
1434	B.191414					Pipe, from air supply valve to by-pass valve.	1	DTD253	C		
1435	C.191363					Pipe, from variable orifice valve to rear spar. connection.	1	L.54	C		
1436	C.191399					Pipe, from air supply valve to variable orifice valve.	1	L.54	C		
1437	C.191449					Pipe, from by-pass valve to pre-cooler.	1	DTD253	C		
1438	C.192495					Pipe, from by-pass valve and pre-cooler to engine connection.	1	DTD253	C		
	F.189092					Ring, packing.	1	DTD610			
1885	Std.1744/8					Sleeve, sealing air supply pipe coupling.	3	Silicone Rubber	C		
1659	Std.1744/10					Sleeve, sealing for expansion joint.	2	Silicone Rubber	C		
	F.203207					Tube, spacer, for air supply pipe expansion joint.	2	DTD253			

† For details see piping chart.

SERVICES - PRESSURISATION CENTRE FUSelage

REF. NO.	PART NO.					DESCRIPTION.	NO OFF	MATERIAL SPEC	MR. CL of ST	PLATE NO
		1	2	3	4					
	B. 190348				Valve, by-pass for pre-cooler, group.	1	-			
	F. 190355				Adjuster, for spring.	1	S. 1			
	B. 190350				Body, assembly, c/w bushes.	1	-			
	A. 190351				Piston.	1	St. St. & S. 62B			
1420	F. 190356				Spring.	1	Inconel Wire	C		
1886	B. 190852				Valve, variable orifice, group.	1	-	B		
	F. 193157				Bolt, special.	1	S. 95B			
	A. 190352				Plug-end.	1	DTD364			
	A. 193154				Plug-end.	1	DTD364			
	A. 193155				Retainer, for spring.	1	S. 62B			
	B. 193153				Valve, detail.	1	S. 62B			
2831	F. 193156				Spring.	1	Sp. St.	MR/C		
	B. 189398				Valve, air supply to actuator, assembly.	-	-			
	Plessey CZ. 64581				Actuator.	1	-			
1446	F. 189093				Cover, insulating.	1	Ferobestos	C		
1444	B. 189397				Valve, group.	1	-	B		
	F. 184647				Bearing, at inlet connection.	1	St. St. & Phos. Bronze			
1445	F. 189094				Block, insulating. Body and Sleeve group Consisting of:- (B. 184640).	1	Ferobestos	C		
	B. 184643				Body for valve) not to be	1	Stamping			
	A. 172946				Sleeve) supplied separately.		BSS369			
	A. 172943				Connection, inlet.	1	DTD364			
	F. 196870				Plate, serial number.	1	Alum			
	A. 184641				Spindle, group.	1	-			
1350	F. 172947				Lever, operating.	1	Casting	C		
1418	F. 184868				Shaft top coupling.	1	S. 62.B	C		
1348	F. 172951				Spring.	1	Sp. St.	C		
1414	Std. 1695/5				Washer, sealing 1.3/4" i/d.	6	DTD378	C		
	C. 189392				Pipes, air supply, between nose spar and rear spar assembly.	-	-			
2837	A. 188353				Clamp, half.	4	LFS. 23	C		
924	Std. 1682/12				Clip, securing.	4	S3 & T26	C		
4164	Std. 850/50				Clip, supporting earth.	2	DTD610	C		

SERVICES - PRESSURISATION CENTRE FUSELAGE

Page N.118

REF. No.	PART No.						DESCRIPTION	No OFF	MATL. SPEC.	MR. CL of ST.	PLATE No.
		1	2	3	4	5					
4136	Std. 1285/3BC						Connector, earthing.	2	-	C	
2835	C. 189390						Pipe, c/w lagging, port.	1	L. 54	MR/C	
2839	C. 189391/1						Pipe, c/w lagging, starboard group.	1		MR/C	
	C. 189391/6						Lagging.	1	Fibre Grass		
	C. 189391/9						Lagging.	1	Glass Cloth		
	Std. 1684/12						Spigot.	2	L. 34		
	F. 173813						Strip, rubbing.	1	L. 4		
2840	C. 189391/2						Pipe, c/w lagging, starboard group.	1	-	MR/C	
	C. 189391/5						Lagging.	1	Fibre Glass		
	C. 189391/8						Lagging.	1	Glass Cloth		
	Std. 1683/12						Socket.	2	L. 34		
2841	C. 189391/3						Pipe, c/w lagging starboard group.	1	-	MR/C	
	C. 189391/4						Lagging.	1	Fibre Glass		
	C. 189391/7						Lagging.	1	Glass Cloth		
	C. 189390/2						Tube, end portion.	1	L. 54		
	Std. 1684/12						Spigot.	1	L. 34		
2836	F. 188354						Plate, guide.	4	LFS. 23	C	
1715	Std. 1744/12						Sleeve, sealing.	2	Silicone Rubber	C	

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
<u>SUMMARY OF STOCK ITEMS</u>											
28F/9708	AGS. 1104/B						Adaptor, cone type.				
28F/10410	AGS. 1104/B						Adaptor, cone type.				
28F/10410	AGS. 1104/C						Adaptor, cone type.				
28D/12528	A25. 1. B						Bolt, 4 B.A.				
28D/12511	A25. 2. B						Bolt, 4 B.A.				
28D/12622	A25. 3. B						Bolt, 4 B.A.				
28D/12529	A25. 4. B						Bolt, 4 B.A.				
28D/	A25. 1/2 C						Bolt, 2 B.A.				
28D/12512	A25. 1. C						Bolt, 2 B.A.				
28D/12513	A25. 2. C						Bolt, 2 B.A.				
28D/12531	A25. 3. C						Bolt, 2 B.A.				
28D/12532	A25. 4. C						Bolt, 2 B.A.				
28D/12533	A25. 5. C						Bolt, 2 B.A.				
28D/12566	A25. 6. C						Bolt, 2 B.A.				
28D/12514	A25. 7. C						Bolt, 2 B.A.				
28D/12629	A25. 8. C						Bolt, 2 B.A.				
28D/12515	A25. 10. C						Bolt, 2 B.A.				
28D/12516	A25. 11. C						Bolt, 2 B.A.				
28D/12535	A25. 12. C						Bolt, 2 B.A.				
28D/12536	A25. 13. C						Bolt, 2 B.A.				
28D/12567	A25. 20. C						Bolt, 2 B.A.				
28D/12518	A25. 2. E						Bolt, 1/4" B.S.F.				
28D/12519	A25. 3. E						Bolt, 1/4" B.S.F.				
28D/12520	A25. 4. E						Bolt, 1/4" B.S.F.				
28D/12569	A25. 10. E						Bolt, 1/4" B.S.F.				
28D/8307	AS. 1242. 2. C						Bolt, 2 B.A.				
28D/8321	AS. 1242. 30. C						Bolt, 2 B.A.				
28D/14523	AS. 1242. 33. C						Bolt, 2 B.A.				
28F/10018	AGS. 1135/B						Bolt, banjo.				
28F/11017	AGS. 1136/B						Bolt, banjo.				
28D/	AGS. 571/411						Bolt, 1/4" B.S.F.				
28F/10798	AGS. 1129/B						Body, banjo.				
28F/10381	AGS. 1130/B						Body, banjo.				
28F/9707	AGS. 1103/H						Body, union.				
28F/11268	AGS. 1111/B						Body, union.				
28F/9533	AGS. 1145/B						Body, union.				
28E/10154	AGS. 605-00						Clip.				
28F/7246	AGS. 952/H						Collar.				
28F/9501	AGS. 1142/B						Nipple.				
28F/8280	AGS. 1142/H						Nipple.				

SERVICES - PRESSURISATION

REF. NO.	PART NO.						DESCRIPTION	NO OFF	MATL. SPEC.	MR. CL. of ST.	PLATE NO.
		1	2	3	4	5					
28F/11777	AGS. 1142/K						Nipple.				
28F/14123	AGS. 1170/B						Nipple.				
28M/12929	A27.C.P.						Nut, 2 B.A.				
28L/13124	A27.C.T.						Nut, 2 B.A.				
28M/13121	A27.C.S.						Nut, 2 B.A.				
28M/12930	A27.E.S.						Nut, 1/4" B.S.F.				
28L/13326	A27.G.T.						Nut, 5/16" B.S.F.				
28F/10491	AGS. 1148/A						Nut, thin.				
28F/9584	AGS. 1148/B						Nut, thin.				
28F/9879	AGS. 1148/D						Nut, thin.				
28F/14527	AGS. 1148/K						Nut, thin.				
28M/10287	AGS. 2001.B1						Nut, 4 B.A.				
28M/10288	AGS. 2001.C1						Nut, 2 B.A.				
28M/10327	AGS. 2002.B1						Nut, 4 B.A.				
28M/10328	AGS. 2002.C1						Nut, 2 B.A.				
28M/10330	AGS. 2002.E1						Nut, 1/4" B.S.F.				
28M/10216	AGS. 2008.C1						Nut, 2 B.A.				
28M/7683	AGS. 572/A						Nut.				
28P/12587	SP. 9.C4						Pin, split type.				
28P/12349	SP. 9.C5						Pin, split type.				
28P/12431	SP. 9.C6						Pin, split type.				
28P/12462	SP. 9.C8						Pin, split type.				
28P/5325	AGS. 859/12						Pin, tapered.				
28P/5327	AGS. 859/22						Pin, tapered.				
28F/10482	AGS. 1140/A						Plug.				
28F/8212	AGS. 1140/B						Plug.				
28F/10801	AGS. 1143/C						Plug, cone type.				
28S/	A31.B.10						Screw, 4 B.A.				
28S/2767	A31.B.16						Screw, 4 B.A.				
28S/14005	A32.B.14						Screw, 4 B.A.				
28W/12245	SP. 10.C						Shim, 2 B.A.				
28F/5721	AGS. 904/A						Sleeve, outer.				
28F/5722	AGS. 904/B						Sleeve, outer.				
28F/5725	AGS. 904/H						Sleeve, outer.				
28F/11931	AGS. 904/K						Sleeve, outer.				
28F/9533	AGS. 1145.B						Union.				
28F/10510	AGS. 1146.A						Union.				
28F/9737	AGS. 1146.B						Union.				

REF. NO.	PART NO.						DESCRIPTION.	NO OFF	MATL. SPEC.	M.R. CL of ST.	PLATE NO
		1	2	3	4	5					
28W/12252	SP. 13.C					Washer, 2 B.A.					
28W/12253	SP. 13.E					Washer, 1/4" dia.					
28W/12306	SP. 15.B					Washer, 4 B.A.					
28W/12296	SP. 15.C					Washer, 2 B.A.					
28W/12496	SP. 15.E					Washer, 1/4" dia.					
28W/12355	SP. 16.C					Washer, 2 B.A.					
28W/6659	AGS. 568/B					Washer, jointing.					
28W/9625	AGS. 568/D					Washer, jointing.					
28W/8072	AGS. 568/H					Washer, jointing.					
28F/8215	AGS. 1138/B					Washer, jointing.					
28F/10500	AGS. 1138/K					Washer, jointing.					

Illustrations for this section will be issued later.



This file was downloaded
from the RTFM Library.
Link: www.scottbouch.com/rtfm

Please see site for usage terms,
and more aircraft documents.

