

SHACKLETON Mk. 3

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>AIR CONDITIONING INSTALLATION ASSEMBLIES</b>							
		Spares for :—							
		<b>HEATING AND VENTILATING, IN NOSE, FORWARD OF FORMER "F" (1Z7841)</b>							
		Spares for :—							
13084	2/SS2819	Clip, "P"	...	...	...	1	—	C	
13374	20/SS3264	Clip, 1½" i/d.	...	...	...	7	—	C	
	22/SS3264	Clip, 1½" i/d.	...	...	...	4	—	C	
	30/SS3264	Clip	...	...	...	4	—	C	
28E/8185	AS3360/B4B	Clip, jubilee	...	...	...	2	—	C	
	AGS605/3	Clip, jubilee	...	...	...	63	—	C	
	AGS605/4Y	Clip, jubilee, for duct jointing	...	...	...	2	—	C	
6652	86/Z6843	<b>DUCT, HEATER, AT BOMB AIMER'S WINDOW, ½ x 22G, GROUP</b>				1	L54	C	
10164	160/Z7841	<b>DUCT, HEATER, FEED TO WIND-SCREEN, PORT SIDE, 2' o/d x 22G, GROUP</b>				1	L54	C	
10165	161/Z7841	<b>DUCT, HEATER, FEED TO WIND-SCREEN, PORT SIDE, 2' o/d x 22G, AT FORMER "G", GROUP</b>				1	L54	C	
10168	164/Z7841	<b>DUCT, HEATER, FEED TO WIND-SCREEN, AT FORMER "G", STARBOARD SIDE, 2' o/d x 22G, GROUP</b>				1	L54	C	
10169	165/Z7841	<b>DUCT, HEATER, FEED TO WIND-SCREEN, STARBOARD SIDE, 2' o/d x 22G, GROUP</b>				1	L54	C	
9588	166/Z7841	<b>DUCT, HEATER, FEED, 3-WAY, AT FORMER "L", GROUP</b>				1	L54	C	
9585	167/Z7841	<b>DUCT, HEATER, FEED TO GUNNER'S FEET, 2' o/d x 22G, GROUP</b>				1	L54	C	
9587	169/Z7841	<b>DUCT, HEATER, FEED TO BOMB AIMER'S WINDOW, STARBOARD SIDE, 1½' o/d x 22G, GROUP</b>				1	L54	C	
	472Z7841	<b>DUCT, HEATER, JOINT AFT OF FORMER "F" TO JOINT AT FLOOR, GROUP (Mod. 772)</b>				1	—		
	479Z7841	<b>DUCT, HEATER, ALONG FORMER "F" FROM JOINT AT FLOOR, GRP. (Mod. 772)</b>				1	—		
	476Z7841	<b>DUCT, HEATER, FEED TO BOMB AIMER'S WINDOW, STARBOARD, 2' o/d x 22G, GROUP (Mod. 772)</b>				1	L54		

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		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN NOSE, FORWARD OF FORMER "F" (1Z7841) (Cont'd)</b>							
9583	171/Z7841					1	L54	C	
	181/Z7841					1	L59		
	182/Z7841					1	L59		
	348/Z7841					1	L54		
	349/Z7841					1	L54		
11488	350/Z7841					1	L54	C	
14464	25Z/8322					1	—		
28D/9353	AS1248/1/2C					8	—	C	
	17/Z8322					1	—		
	20/Z8322					1	—		
	12/Z8322					1	S1		
	13/Z8322					1	—		
	26/Z8322					1	—		
	18/Z8322					1	—		
	21/Z8322					1	—		
10170	15/Z8322					1	—	C	
	23/Z8322					1	BSS972		
9656	7/Z8327					1	S1	C	
28M/11957	AGS2007/C/1					8	—	C	
	11/Z8322					1	S1	C	
9659	6/Z8327					1	—	C	
	19/Z8322					QR	—		
						1	—		
						13	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
10161 28D/11957		<b>DUCT, MAIN FEED TO GUNNER'S AND BOMB AIMER'S STATION, BETWEEN FORMERS "F" &amp; "K", (1/Z8323) (Cont'd)</b>				1	—		
	2/Z8323	<b>DUCT, GROUP ... ..</b>				1	—		
	8/Z8323	<b>Fabric ... ..</b>				1	—		
	10/Z8323	<b>Guard, for duct ... ..</b>				1	—	C	
	AGS2007/C/1 9/Z8323	<b>Nut, anchor, 2 BA. ... ..</b> <b>Tyglass ... ..</b>				13 QR	—	C	
10942	1/Z8245	<b>DUCT, HEATER JOINT TO FORMER "E", IN COAMING DUCT, GROUP</b>				1	—	C	
10171	183/Z7841	<b>Fairing, for duct, at former "F" ... ..</b>				1	L72	C	
	220/Z7841	<b>Fibreglass, 1/2" thick ... ..</b>				QR	—		
	SP/40/B40	<b>Grommet, for ducts, at former "F" ... ..</b>				1	—		
10172	184/Z7841	<b>HANDLE, CONTROL, GROUP ... ..</b> Consisting of:—				1	—	C	
	184c/Z7841	<b>Boss ... ..</b>				1	L59		
	184b/Z7841	<b>Grip ... ..</b>				1	BSS972		
	184a/Z7841	<b>Handle ... ..</b>				1	L59		
	28Q/10157	AS2230/306	<b>Rivet... ..</b>				2	—	C
	11/SS3742	<b>JOINT, 1 1/2" dia., STANDARD, GROUP</b> Consisting of:—				1	—	C	
	3/SS3531	<b>Clip ... ..</b>				2	—	C	
	11a/SS3742	<b>Hose... ..</b>				1	—		
	10b/SS3742	<b>Strip, bonding ... ..</b>				1	—		
	12/SS3742	<b>JOINT, 1 1/2" dia., STANDARD, GROUP</b> Consisting of:—				10	—	C	
	3/SS3531	<b>Clip ... ..</b>				2	—	C	
	12a/SS3742	<b>Hose... ..</b>				1	—		
	10b/SS3742	<b>Strip, bonding ... ..</b>				1	—		
9589	339/SS6004	<b>Label, "Pilots Coaming Heater" ... ..</b>				1	L72		
	340/SS6004	<b>Label, "Nose Heater" ... ..</b>				1	L72		
	AS3360/B6B	<b>Lead, bonding, for duct joint ... ..</b>				4	—		
	159/Z7841	<b>Louvre, at former "L" ... ..</b>				1	L72	C	
9610	DUNLOP DAS393/32/2 1/2	<b>Sleeve, 2" i/d x 2 1/2" long, duct joint ... ..</b>				5	—	C	
9613	DUNLOP DAS393/48/2 1/2	<b>Sleeve, 3" i/d x 2 1/2" long, for duct, 3-way branch</b>				1	—	C	
	481Z7841	<b>Seal, joint, at former "F" on floor (Mod. 772)</b>				2	DSR503T		
	482Z7841	<b>Seal, joint (Mod. 772)... ..</b>				1	DSR503T		

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		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN NOSE, FORWARD OF FORMER "F" (1Z7841) (Cont'd)</b>							
10162	1Z8327	<b>VALVE, BUTTERFLY, GROUP</b> ...				1	—	C	
		Spares for:—							
	2Z8327	Body, valve ... ..				1	—		
28D/12531	A25/3C	Bolt, hex.hd, 2 BA. ... ..				2	—	C	
	3Z8327	Flap, valve ... ..				1	—		
11507	8Z8327	<b>HANDWHEEL, GROUP</b> ... ..				1	—		
		Consisting of:—							
	8aZ8327	Handwheel ... ..				1	BSS972		
	8bZ8327	Pin, locking ... ..				1	S1		
9656	7Z8327	Nut, retaining ... ..				1	S1	C	
28M/8101	AGS572/C	Nut, slotted, 2 BA. ... ..				1	—	C	
10163	4Z8327	Spindle ... ..				1	—	C	
9659	6Z8327	Spring ... ..				1	Spring Steel	C	
28P/12462	SP9/C8	Pin, split, 1/8" dia. x 1" long ... ..				1	—	C	
28W/12252	SP13/C	Washer, 2 BA. ... ..				1	—	C	
28W/12346	SP10/B	Washer, 4 BA.... ..				12	—	C	
28W/12252	SP13/C	Washer, 2 BA.... ..				12	—	C	
28W/13383	SP14/E	Washer, 1/4" BSF. ... ..				16	—	C	
28W/12355	SP16/C	Washer, 2 BA.... ..				11	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b>							
		Spares for :—							
28F/9708	AGS1104/B	Adaptor, 1/4" BSF.	...	...	...	5	—	C	
28F/11621	AGS1104/BB	Adaptor, 5/16"	...	...	...	1	—	C	
28F/10018	AGS1135/B	Bolt, banjo	...	...	...	1	—	C	
		<b>BOX, HEATER AND PLATFORM, NAVIGATOR'S STATION (1Z7778)</b>							
		Spares for :—							
	1/Z7978	BOX, HEATER, GROUP	...	...	...	1	—		
9194	1/Z7977	PLATFORM, HEATER BOX, GROUP	...	...	...	1	—	C	
		Spares for :—							
	14/Z7977	Handle, for torque tube	...	...	...	2	—		
28P/13564	SP28/G6	Pin, taper, for torque tube	...	...	...	12	—	C	
	12/Z7977	Spring, for torque tube	...	...	...	2	—		
	17/Z7977	LEG, PLATFORM, GROUP	...	...	...	2	—		
		Spares for :—							
9197	28/Z7977	Pawl	...	...	...	2	S14	C	
9198	21/Z7977	Plunger	...	...	...	2	S14	C	
9196	22/Z7977	Spring, plunger	...	...	...	2	Spring Steel	C	
9195	26/Z7977	Spring	...	...	...	2	—	C	
	18/Z7977	LEG, PLATFORM, GROUP	...	...	...	2	—		
		Spares for :—							
9197	28/Z7977	Pawl	...	...	...	2	S14	C	
9195	26/Z7977	Spring	...	...	...	2	—	C	
28D/12531	A25/3C	Bolt, 2 BA, attachment	...	...	...	8	—	C	
	136/Z7841	BOX, HEATER, FORWARD, GROUP	...	...	...	2	—		
	137/Z7841	BOX, HEATER, AFT, GROUP	...	...	...	2	—		
10196	1/Z8047	BOX, JOINT, FOR FAN AND HEATER AT FORMER "D", PORT, GROUP	...	...	...	1	—	C	
	451Z7841	Bracket, louvre, plate	...	...	...	4	—		
28V/13603	AGS838/8	Bush	...	...	...	7	Rubber	C	
28F/11018	AGS1159/B	Cap, blanking, cone	...	...	...	5	—	C	
	KING AIRCRAFT C4370/7A	Clamp, for ducts	...	...	...	6	—		
9618	71/Z7841	Clip, half	...	...	...	8	—	C	
9619	72/Z7841	Clip, half	...	...	...	8	—	C	
28E/8184	AGS605/2	Clip, jubilee, type "J", for joints	...	...	...	4	—	C	
28E/8185	AGS605/3	Clip, jubilee, type "J", for joints	...	...	...	24	—	C	
28E/	AGS605/4Y	Clip, jubilee, type "J", for joints	...	...	...	12	—	C	
28E/8187	AGS605/5	Clip, jubilee, type "J", for joints	...	...	...	2	—	C	
6535	32/SS3264	Clip, for feed ducts, under pilot's floor	...	...	...	1	—	C	
9636	EE10/SS4234	Clip, half	...	...	...	4	—	C	
28F/7245	AGS952/C	Collar, 3/8"	...	...	...	1	—	C	
28F/6353	AGS952/B	Collar	...	...	...	5	—	C	

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		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b> (Cont'd)							
		<b>CONTROL, BUTTERFLY VALVE, GROUP (1/Z8372)</b>							
		Spares for :—							
10194	3Z8372	<b>BRACKET, GROUP</b> ... ..				1	—	C	
		Consisting of :—							
	3aZ8372	Bracket ... ..				1	L40 or DTD423		
28M/12929	A27/CP	Nut, 2 BA. ... ..				1	—	C	
	3b/Z8372	Pin, stop ... ..				1	S1		
28W/12252	SP13/C	Washer ... ..				1	—	C	
11507	8/Z8327	<b>HANDWHEEL, GROUP</b> ... ..				1	—		
		Consisting of :—							
	8a/Z8327	Handwheel ... ..				1	BSS972	C	
	8b/Z8327	Pin, locating ... ..				1	S1	C	
9654	5/Z8372	<b>LEVER, GROUP</b> ... ..				1	—	C	
	1/SK32102	<b>LINK, CONNECTING, GROUP</b> ...				1	—		
		Consisting of :—							
28N/544	AGS385	Joint, ball ... ..				2	—	C	
28M/10290	AGS2001/E/1	Nut, stiff ... ..				4	—	C	
28L/12931	A27/ET	Nut, lock ... ..				2	—	C	
	2/SK32102	Rod, ¼" dia. x 5-8" long ... ..				1	S1	C	
28W/12253	SP13/E	Washer ... ..				4	—		
10193	2/Z8372	<b>MOUNTING, GROUP</b> ... ..				1	—	C	
		Consisting of :—							
	2c/Z8372	Bearing, plate ... ..				1	L59		
28D/9744	AS1248/2B	Bolt, 4 BA. ... ..				8	—	C	
	2b/Z8372	Guard ... ..				1	L72		
28M/10287	AGS2001/B/1	Nut, 4 BA. ... ..				8	—	C	
	2a/Z8372	Mount, 6" dia. x 20G ... ..				1	L59	C	
28Q/6638	AS2227/404	Rivet ... ..				4	—	C	
28W/12305	SP13/B	Washer ... ..				8	—	C	
9656	7/Z8327	Nut, retaining ... ..				1	S1	C	
10081	9/Z8372	Spindle ... ..				1	S1	C	
9659	6/Z8327	Spring ... ..				1	Spring Steel	C	
28F/10798	AGS1129/B	Coupling, banjo, ¼" BSF. ... ..				1	—	C	
10208	53/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 1 AND 6, PORT, GROUP</b>				1	—	C	
10209	54/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 1 AND 6, STARBOARD, GROUP</b>				1	—	C	
10183	75/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS "B" AND "D", STARBOARD, GROUP</b>				1	—	C	

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		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b> (Cont'd)							
10181	76/Z7841	DUCT, HEATER, BETWEEN FORMERS "D" AND "E", STARBOARD, GROUP				1	—	C	
10182	77/Z7841	DUCT, HEATER, BETWEEN FORMERS "B" AND "D", STARBOARD, GROUP				1	—	C	
10177	78/Z7841	DUCT, HEATER, BETWEEN FORMERS "D" AND "E", STARBOARD, GROUP				1	—	C	
10176	79/Z7841	DUCT, HEATER, BETWEEN FORMERS "E" AND "F", STARBOARD, GROUP				1	—	C	
10179	80/Z7841	DUCT, ELBOW, FROM STUB PIPE TO FORMER "D", STARBOARD, GROUP				1	—	C	
10180	81/Z7841	DUCT, HEATER, BETWEEN FORMERS "D" AND "E", STARBOARD, GROUP				1	—	C	
10178	83/Z7841	DUCT, HEATER, FROM BUTTERFLY VALVE TO JOINT, AT FORMER "E", STARBOARD, GROUP				1	—	C	
10201	123/Z7841	DUCT, HEATER, BETWEEN FORMERS "B" AND "D", PORT, GROUP				1	—	C	
	474/Z7841	DUCT, HEATER, BETWEEN FORMERS "D" AND "E", PORT, GROUP				1	—	C	
	473/Z7841	DUCT, HEATER, BETWEEN FORMERS "E" AND "F", PORT, GROUP				1	—	C	
10202	128/Z7841	DUCT, FROM AFT DUCT TO MAIN FLOOR, UNDER PILOT'S FLOOR, PORT, GROUP				1	—	C	
	129/Z7841	DUCT, HEATER, AFT, UNDER PILOT'S FLOOR, PORT, GROUP				1	—		
	130/Z7841	DUCT, HEATER, AFT, UNDER PILOT'S FLOOR, STARBOARD, GROUP				1	—		
	132/Z7841	DUCT, FEED, FROM JOINT AT AFT DUCT TO JOINT, UNDER PILOT'S FLOOR, STARBOARD, GROUP				1	—		
	456/Z7841	DUCT, HEATER, FORWARD, TO FORWARD HEATER BOX, UNDER PILOT'S FLOOR, STARBOARD, GROUP				1	—		
	140/Z7841	DUCT, FROM JOINT TO PILOT'S FLOOR, VENT, GROUP				1	L54		

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					St. M.R.	
		1 2 3 4				
<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (363Z7841) (Cont'd)</b>						
14211	455/Z7841	DUCT, HEATER, FORWARD HEATER TO FORMER "E", GROUP	2	—		
	453/Z7841	DUCT, HEATER, BETWEEN FORMERS E & F, PORT, GROUP	1	—		
14224	454/Z7841	DUCT, HEATER, BETWEEN FORMERS E & F, STARBOARD, GROUP	1	—		
10205	200/Z7841	DUCT, AIR EXTRACTION, FROM FLOOR TO FAN UNIT, AT FORMER "B", PORT, GROUP	1	—	C	
	219/Z7841	DUCT, HEATER, FROM JOINT, UNDER PILOT'S FLOOR TO MAIN FLOOR, GROUP	1	—		
10190	1/Z8108	DUCT, HEATER, BETWEEN FORMERS "A" AND "B", STARBOARD, GROUP	1	—	C	
	5/Z8108	Spares for :— ADAPTOR AND STUB PIPE, GROUP	1	—		
	20n/Z4585	Adaptor ... ..	1	L34		
28D/12531	6/Z8108	Blanket, fibreglass... ..	QR	—		
	A25/3C	Bolt, diaphragm, attachment ... ..	3	—	C	
28N/15557	AGS899/10	Collar, for spindle... ..	1	—	C	
	7/Z8108	Cover, P.V.C. proofed fabric ... ..	QR	—		
	12/Z8108	DIAPHRAGM, GROUP ... ..	1	—		
10191	15/Z8108	Lever ... ..	1	—	C	
10192	14/Z8108	Spindle ... ..	1	—	C	
	8/Z8108	Tyglass ... ..	QR	—		
10195	1/Z8129	DUCT, HEATER, BETWEEN FORMERS "A" AND "B", PORT, GROUP	1	—	C	
	20n/Z4585	Spares for :— Adaptor, flamestat. ... ..	1	—		
	5/Z8108	ADAPTOR AND STUB PIPE,	1	—		
	6/Z8129	Blanket, fibreglass... ..	QR	—		
14885	7/Z8129	Cover, P.V.C. proofed fabric ... ..	QR	—		
	8/Z8129	Tyglass ... ..	QR	—		
	1/Z8217	DUCT, EXTRACTOR, AT NAVIGATOR'S STATION, PORT, GROUP	1	—		

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					Sc. M.R.	
1 2 3 4						
<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b> (Cont'd)						
10206	1/Z8309	<b>DUCT, AIR EXTRACTION, FOR HEATER BAY, BETWEEN FORMERS "B" AND "D", PORT, GROUP</b>	1	—	C	
Spares for :—						
28E/8185	AGS605/3	Clip, jubilee, for joint, hose ... ..	2	—	C	
	8/Z8309	Hose, joint, rubber, 2½" i/d x 2" o/d x 3" long	1	DTD625A		
	9/Z8309	Strip, bonding ... ..	1	L59		
10207	2/Z8309	<b>DUCT, AIR EXTRACTION, FOR HEATER BAY, BETWEEN FORMERS "B" &amp; "D", STARBOARD, GROUP</b>	1	—	C	
Spares for :—						
28E/8185	AGS605/3	Clip, jubilee, for joint, hose ... ..	2	—	C	
	8/Z8309	Hose, joint, rubber, 2½" i/d x 2" o/d x 3" long	1	DTD625A		
	9/Z8309	Strip, bonding ... ..	1	L59		
27U/553	—	Fuel, control unit ... ..	1	—	A	
	AIRSCREW CO. & JICWOOD, LTD.					
12752	F24846	Fan, unit ... ..	1	—	A	
5CW/4258	—	Flamestat ... ..	2	—	C	
10845	325/Z7841	Gasket, heater mounting ... ..	2	—	C	
5K/2875	SP40/A64	Grommet ... ..	2	DTD560	C	
27U/539	—	Heater, unit ... ..	2	—	A	
9653	84/Z7841	<b>HEATER, WATER, AND EXHAUST PIPE, STARBOARD, GROUP</b>	1	—	B	
Consisting of :—						
	88/SS3553	Adaptor, ½" BSP. ... ..	1	—		
	124SS3553	Adaptor, ½" BSP. ... ..	1	—		
	84b/Z7841	Casing, outer ... ..	1	T35		
	4c/Z8096	Plate, end ... ..	1	DTD171B		
	84a/Z7841	Sleeve, inner ... ..	1	S110		
9652	1/Z8096	<b>HEATER, WATER, AND EXHAUST PIPE, PORT, GROUP</b>	1	—	B	
Consisting of :—						
	4/Z8096	<b>HEATER, WATER, GROUP...</b>	1	—		
Consisting of :—						
	88/SS3553	Adaptor, ½" BSP. ... ..	1	—		
	4b/Z8096	Casing, outer ... ..	1	T55		
	9/SS3569	Elbow ... ..	1	—		
	4c/Z8096	Plate, end ... ..	2	DTD171B		
	4a/Z8096	Sleeve, inner ... ..	1	DTD110		
	188/Z7841	Hose, at drain outlet, ¾" i/d x ¼" thick ...	5	Rubber		
	201/Z7841	Hose, ½" i/d x ¼" thick x 1' long, at drain outlet	2	Rubber		
<b>HUMIDITY SYSTEM (Z7836)</b> (See:—Services—Pneumatic, Fresh Water, and Humidity).						

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M. R.	and Illustr'n No.
<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b> (Cont'd)						
5K/3405	AS3360/B3C	Lead, bonding, 4 BA x 3 BA x 3" long ...	8	—	C	
5K/3355	AS3360/B4B	Lead, bonding, 4 BA x 4 BA x 4" long ...	2	—	C	
5K/3371	AS3360/B4C	Lead, bonding, 4 BA x 2 BA x 4" long ...	6	—	C	
5K/3391	AS3360/B4E	Lead, bonding, 4 BA x 1/4" BSF x 4" long ...	1	—	C	
5K/3394	AS3360/B6B	Lead, bonding, 4 BA x 4 BA x 6" long ...	15	—	C	
5K/3413	AS3360/B7B	Lead, bonding, 4 BA x 4 BA x 7" long ...	1	—	C	
11504	327/Z7841	Louvre, Plate, forward, under pilot's floor...	2	S510	C	
11505	328/Z7841	Louvre, plate, aft, under pilot's floor ...	2	S510	C	
9590	87/Z7841	Moulding, (Dunlop) ... ..	2	DSR503/T	C	
9591	88/Z7841	Moulding, (Dunlop) ... ..	2	DSR503/T	C	
<b>MOUNTING, CRADLE, FOR CABIN HEATER AND CONTROL UNIT, STARBOARD, GROUP (1/Z8056)</b> Spares for :—						
9642	AS1895	Bolt, wing, for strap ... ..	4	—	C	
9643	7/Z8056	STRAP, MOUNTING, GROUP ...	2	—	C	
9644	8/Z8056	STRAP, MOUNTING, GROUP ...	2	—	C	
9645	9/Z8056	STRAP, MOUNTING, GROUP ...	2	—	C	
9646	10/Z8056	STRAP, MOUNTING, GROUP ...	2	—	C	
	15/Z8056	Strip, asbestos, 1/2" thick x 3/8" wide x 10' long	2	—		
<b>MOUNTING, FOR HEATER AND FAN UNIT, PORT, GROUP (1/Z8073)</b> Spares for :—						
9642	AS1895	Bolt, wing, for straps ... ..	2	—	C	
9638	11/Z8073	STRAP, MOUNTING, GROUP ...	1	—	C	
9639	12/Z8073	STRAP, MOUNTING, GROUP ...	1	—	C	
9640	13/Z8073	STRAP, MOUNTING, GROUP ...	1	—	C	
9641	14/Z8073	STRAP, MOUNTING, GROUP ...	1	—	C	
<b>MOUNTING, FOR HEATER CONTROL UNIT, UNDER FLOOR, AT FORMER "C", GROUP (1/Z8088)</b> Spares for :—						
9642	AS1895	Bolt, wing, for straps ... ..	2	—	C	

SHACKLETON Mk. 3

SERVICES

AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MOUNTING, FOR HEATER CONTROL UNIT, UNDER FLOOR, AS FORMER "C" (1Z8088) (Cont'd)</b>							
9647	10/Z8088	<b>STRAP, MOUNTING, GROUP ...</b>				2	—	C	
9648	11/Z8088	<b>STRAP, MOUNTING, GROUP ...</b>				2	—	C	
	9/Z8088	<b>Strip, asbestos, <math>\frac{1}{16}</math>" thick x <math>\frac{1}{2}</math>" wide x <math>8\frac{1}{2}</math>" long</b>				2	—		
10254	1/Z8419	<b>MOUNTING OF ORIFICE, GROUP</b>				1	—	C	
		Consisting of:—							
	2/Z8419	<b>Body, orifice, <math>\frac{7}{8}</math>" o/d x <math>1\frac{1}{2}</math>" long ...</b>				1	DTD130		
	3/Z8419	<b>Connector, cone ...</b>				1	DTD130		
	7/Z8419	<b>Plate, orifice ...</b>				1	BSS899		
	5/Z8419	<b>Washer ...</b>				2	L16		
	6/Z8419	<b>Wire, locking ...</b>				QR	DTD189		
28M/10288	AGS2001/C/1	<b>Nut, stiff, 2 BA. ...</b>				81	—	C	
28M/10287	AGS2001/B/1	<b>Nut, stiff, 4 BA. ...</b>				42	—	C	
28M/10290	AGS2001/E/1	<b>Nut, stiff, <math>\frac{1}{4}</math>" BSF. ...</b>				48	—	C	
10225	55/Z7841	<b>PIPE, STUB, AT FORMER 4, GROUP</b>				2	—	C	
	82/Z7841	<b>PIPE, STUB, AT FORMER "D", GROUP</b>				1	—		
	221/Z7841	<b>PIPE, JOINT, FAN UNIT TO JOINT BOX</b>				1	—		
10197	100/Z7841	<b>PIPE, JOINT, AT FORMER "D", PORT, GROUP</b>				1	—	C	
10198	101/Z7841	<b>PIPE, JOINT, AT FORMER "D", STARBOARD, GROUP</b>				1	—	C	
10203	121/Z7841	<b>PIPE, JOINT, COMBUSTION AIR, BETWEEN FORMERS "C" AND "D", PORT, GROUP</b>				1	—	C	
10204	122/Z7841	<b>PIPE, JOINT, COMBUSTION AIR, BETWEEN FORMERS "C" AND "D", STARBOARD, GROUP</b>				1	—	C	
	134/Z7841	<b>PIPE, VENT, AT PILOT'S FLOOR, PORT, GROUP</b>				1	—		
	135/Z7841	<b>PIPE, VENT, AT PILOT'S FLOOR, STARBOARD, GROUP</b>				1	—		
	144/Z7841	<b>Pipe, fuel, vent control at former "C" (Pre-Mod. 654)</b>				2	L56		
	353/Z7841	<b>Pipe, vent, fuel control Unit, at former "C", <math>\frac{3}{8}</math>" o/d x 22G x <math>3\frac{1}{2}</math>" long (Mod. 654)</b>				2	DTD323A		
	359/Z7841	<b>Pipe, drain, from duct to outlet at former "B", <math>\frac{3}{16}</math>" o/d x 22G, starboard</b>				1	DTD323A		
	360/Z7841	<b>Pipe, drain, from fan unit to tee-piece, in outlet pipe, at former "B", <math>\frac{3}{16}</math>" o/d x 22G, port</b>				1	DTD323A		

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841)</b> (Cont'd)							
	361/Z7841	Pipe, drain, from duct to tee-piece in outlet pipe, at former "B", $\frac{3}{8}$ " o/d x 22G, port				1	DTD323A		
	362/Z7841	Pipe, drain, from tee-piece to outlet, at former "B", $\frac{3}{8}$ " o/d x 22G, port				1	DTD323A		
10253	213/Z7841	Restrictor (Mod. 654) ... ..				1	DTD171B	C	
28F/8215	AGS1138/B	Washer, jointing ... ..				5	—	C	
9594	35/Z7841	Seal, "Gaco", $3\frac{5}{8}$ " dia., for combustion air ducts				2	—	C	
9596	97/Z7841	Seal, joint, Dunlop, D.S.R.503/T, for ducts ...				6	Rubber	C	
9597	141/Z7841	Seal, joint, Dunlop, D.S.R.503/T, for ducts ...				4	Rubber	C	
9605	142/Z7841	Seal, joint, Dunlop, D.S.R.503/T, for ducts ...				2	Rubber	C	
9598	143/Z7841	Seal, joint, $\frac{1}{8}$ " thick x $8\frac{1}{4}$ " x $8\frac{1}{4}$ ", for joint box former "D"				2	Neoprene	C	
9598	153/Z7841	Seal, joint, "Gaco", for ducts ... ..				2	E75	C	
		<b>SHIELDS, HEAT (1/Z8430)</b> Spares for :—							
28D/12512	A25/1C	Bolt, 2 BA, hex.hd. ... ..				7	—	C	
5K/2877	SP40/A8	Grommet, $\frac{1}{4}$ " i/d, .04" groove ... ..				7	—	C	
5K/2868	SP40/B8	Grommet, $\frac{1}{4}$ " i/d, .07" groove ... ..				2	—	C	
9649	2/Z8430	SHIELD, HEAT, GROUP ... ..				1	—	C	
9650	4/Z8430	SHIELD, HEAT, GROUP ... ..				1	—	C	
9651	5/Z8430	SHIELD, HEAT, GROUP ... ..				1	—	C	
9608	DUNLOP DAS393/24/2 $\frac{1}{2}$ "	Sleeve, joint, for ducts, 1 $\frac{1}{2}$ " i/d x 2 $\frac{1}{2}$ " long ...				2	—	C	
9610	DUNLOP DAS393/32/2 $\frac{1}{2}$ "	Sleeve, joint, for ducts, 2" i/d x 2 $\frac{1}{2}$ " long ...				5	—	C	
9611	DUNLOP DAS393/40/2 $\frac{1}{2}$ "	Sleeve, joint, 2 $\frac{1}{2}$ " i/d x 2 $\frac{1}{2}$ " long, for ducts ...				7	—	C	
9612	DUNLOP DAS393/44/2 $\frac{1}{2}$ "	Sleeve, joint, 2 $\frac{3}{4}$ " i/d x 2 $\frac{1}{2}$ " long, for ducts ...				1	—	C	
	DUNLOP DAS393/44/3"	Sleeve, joint, 2 $\frac{3}{4}$ " i/d x 3" long, for ducts ...				1	—		
9614	DUNLOP DAS393/52/2 $\frac{1}{2}$ "	Sleeve, joint, 3 $\frac{1}{2}$ " i/d x 2 $\frac{1}{2}$ " long, for ducts ...				2	—	C	
9616	DUNLOP DAS393/64/2 $\frac{1}{2}$ "	Sleeve, joint, 4" i/d x 2 $\frac{1}{2}$ " long, for ducts ...				1	—	C	
	DUNLOP DAS393/48/3"	Sleeve, joint, 3" i/d x 3" long, for ducts ...				1	—		
	DUNLOP DAS393/52/3"	Sleeve, joint, $\frac{3}{4}$ " i/d x 3" long, for ducts ...				1	—		

SHACKLETON Mk. 3

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN FRONT CENTRE SECTION, PORT AND STARBOARD (Mod. 654) (363Z7841) (Cont'd)</b>							
9606	154/Z7841	Sleeve, joint, 7" 1/d x 3" long, for ducts ...				1	—	C	
5CW/ 28F/5104	THERMAL CO, TP5120	Switch, ram pressure... ..				2	—		
28F/5108	AGS838/1	Union, nut ... ..				3	—	C	
28F/5604	AGS838/4	Union, nut ... ..				7	—	C	
27V/2854	AGS904/C	Union, nut ... ..				1	—	C	
	—	Valve, solenoid (Teddington Control, Ltd.)				2	—	A	
	1/Z8033	<b>VALVE, BUTTERFLY, No. 2 HEATER, STARBOARD, GROUP</b>				1	—		
		Spares for :—							
5W/1	ROTAX, LTD. C5001/2	Actuator, rotary ... ..				1	—	A	
5CW/6322	DOWTY C1831-Y.Mk.9	Switch, micro (Mod. 799)... ..				1	—	B	
10184	19/Z8033	<b>VALVE, BUTTERFLY, GROUP</b> ...				1	—	C	
		Spares for :—							
10187	16/Z8033	Bolt, special, .5" dia. x 1" long, for lever support				1	DTD363A	C	
10185	13/Z8033	Cam ... ..				1	DTD363A	C	
	2/Z8033	<b>DIAPHRAGM, GROUP</b> ... ..				1	—		
	20/Z8033	Lever ... ..				1	L34		
13139	10/F1499	Spring, for lever ... ..				1	Spring Steel	C	
10188	18/Z8033	Washer, special, for lever support ...				2	L72	C	
	194/Z7841	Vent, 3/8" o/d x 22G ... ..				1	L54		
28W/9419464	SP13/A	Washer, 4 BA.... ..				42	—	C	
28W/9419402	SP13/C	Washer, 2 BA.... ..				99	—	C	
28W/9418921	SP13/E	Washer, 2 BA,... ..				48	—	C	
28W/9419404	SP16/C	Washer, thick, 2 BA, ... ..				8	—	C	
28F/12048	AGS1186/B	Washer, sealing ... ..				2	—	C	

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, IN CENTRE SECTION, BOMB BAY (3/Z7841)</b>							
		Spares for :—							
28D/9436920	A25/1C	Bolt, 2 BA.	...	...	...	16	—	C	
28D/12513	A25/2C	Bolt, 2 BA.	...	...	...	24	—	C	
28D/12531	A25/3C	Bolt, 2 BA.	...	...	...	50	—	C	
28D/12629	A25/8C	Bolt	...	...	...	8	—	C	
28D/12528	A25/1B	Bolt	...	...	...	4	—	C	
10223	67/Z7841	Bracket, support, for ducts	...	...	...	8	—	C	
28E/8185	AGS605/3	Clips, jubilee, type "J"	...	...	...	6	—		
9619	72/Z7841	<b>CLIP, HALF, GROUP</b>	...	...	...	8	—	C	
		Consisting of :—							
	72a/Z7841	Clip, half	...	...	...	1	—		
	71b/Z7841	Tube, distance	...	...	...	2	—		
10210	57/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 6 AND 9, PORT, GROUP</b>				1	—	C	
10211	58/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 6 AND 9, STARBOARD, GROUP</b>				1	—	C	
10212	59/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 9 AND 13, PORT, GROUP</b>				1	—	C	
10213	60/Z7841	<b>DUCT, HEATER, BETWEEN FORMERS 9 AND 13, STARBOARD, GROUP</b>				1	—	C	
5K/9591	SP40/G4 88/Z7841	Grommet	...	...	...	4	Rubber		
		Moulding, rubber, joint, at former 6 (Dunlop)				2	DSR503/T	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA.	...	...	...	72	—	C	
28M/10287	AGS2001/B/1	Nut, stiff	...	...	...	4	—	C	
10226	56/Z7841	Pipe, stub, at former 6, 2" o/d x 22G	...	...	...	2	L54	C	
10227	96/Z7841	Pipe, stub, at former 12, 2" o/d x 22G	...	...	...	1	L54	C	
	368/Z7841	Plate, restrictor, for pipe joints	...	...	...	3	L72	C	
9596	97/Z7841	Seal, joint (Dunlop)	...	...	...	9	DSR503/T	C	
9610	DUNLOP	Sleeve, joint, for ducts	...	...	...	3	—	C	
28W/9419402	DAS393/32/2-5 SP13/C	Washer, 2 BA....	...	...	...	64	—	C	
28W/9419465	SP13/B	Washer...	...	...	...	4	—	C	

SHACKLETON Mk. 3

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>HEATING AND VENTILATING, No. 3 HEATER, IN REAR CENTRE SECTION, BOMB BAY (364/Z7841) (Mod. 654)</b>									
Spares for :—									
28F/11273	AGS1113/B	Adaptor, cone end, 1/4" BSP. ...	...	...	...	1	—	C	
28D/9436920	A25/1C	Bolt, 2 BA. ...	...	...	...	82	—	C	
28D/12513	A25/2C	Bolt, 2 BA. ...	...	...	...	75	—	C	
28D/12531	A25/3C	Bolt, 2 BA. ...	...	...	...	26	—	C	
28D/12629	A25/8C	Bolt, 2 BA. ...	...	...	...	16	—	C	
28D/12567	A25/20C	Bolt, 2 BA. ...	...	...	...	4	—	C	
28D/13868	A25/5B	Bolt, 4 BA. ...	...	...	...	21	—	C	
28D/12528	A25/1B	Bolt, 4 BA. ...	...	...	...	28	—	C	
28D/12518	A25/2E	Bolt, 1/4" BSF. ...	...	...	...	8	—	C	
28D/12519	A26/3E	Bolt, "banjo" ...	...	...	...	8	—	C	
28D/12118	AS1242/13C	Bolt, 2 BA. ...	...	...	...	12	—	C	
28D/10764	AS1248/5C	Bolt, 2 BA. ...	...	...	...	8	—	C	
28F/10018	AGS1135/B	Bolt, "banjo" ...	...	...	...	1	—	C	
<b>BOX, HEATER, AT FORMER 22, GROUP (1/Z8238)</b>									
Spares for :—									
10220	3/Z8238	<b>BOX, HEATER, GROUP</b> ...	...	...	...	1	—	C	
28D/8342	AS1248/2C	Bolt, 2 BA, mush.hd, attachment ...	...	...	...	14	—	C	
28M/11957	AGS2007/C/1	Nut, plate ...	...	...	...	7	—	C	
	15/Z8238	Strip, clamping, box attachment...	...	...	...	1	L72		
	215Z7841	Bracket, for ducts at formers 5, 13 & 19 ...	...	...	...	8	DTD364B		
	217Z7841	Bracket, for ducts at formers 7 & 11 ...	...	...	...	2	DTD364B		
	45/Z7841	Bracket, support, for ducts ...	...	...	...	1	L72		
10224	68/Z7841	Bracket, mounting ...	...	...	...	7	S3	C	
	69/Z7841	Bracket, support, for ducts ...	...	...	...	4	—		
10230	70/Z7841	Bracket, support, for ducts ...	...	...	...	10	DTD364B	C	
	191/Z7841	Bracket, mounting, for ducts ...	...	...	...	1	—		
28F/13603	AGS838/8	Bush ...	...	...	...	1	—	C	
KING AIRCRAFT									
9637	C4205/7/E	Clamp, pipe ...	...	...	...	2	—	C	
28E/8184	AGS605/2	Clip, hose, type "J" ...	...	...	...	2	—	C	
28E/8185	AGS605/3	Clip, hose, type "J" ...	...	...	...	9	—	C	
28E/8186	AGS605/4	Clip, hose, type "J" ...	...	...	...	2	—	C	
2453	1/SS3859	<b>CLIP, GROUP</b> ...	...	...	...	4	—	C	
Consisting of :—									
13062	1/SS3264	Clip ...	...	...	...	1	—		
	1/SS3860	Packing ...	...	...	...	1	—		
26DC/11886	1/SS3318	Strip, bonding ...	...	...	...	1	—		
2721	2/SS3859	<b>CLIP, GROUP</b> ...	...	...	...	3	—	C	
Consisting of :—									
13091	2/SS3264	Clip ...	...	...	...	1	—		
	2/SS3860	Packing ...	...	...	...	1	—		
14117	2/SS3318	Strip, bonding ...	...	...	...	1	—		
9635	CY10/SS4234	<b>CLIP, "FOKKER", GROUP</b> ...	...	...	...	4	—	C	
Consisting of :—									
	CY/SS4234	Plate, half ...	...	...	...	2	S3		
	10/SS4234	Tube, 1" long ...	...	...	...	2	T35		

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, No. 3 HEATER, IN REAR CENTRE SECTION, BOMB BAY (364/Z7841) (Mod. 654) (Cont'd)</b>							
9634	41/Z7841	Clip, half	...	...	...	1	L72	C	
9624	47/Z7841	<b>CLIP, HALF, GROUP</b> ... ..				1	—	C	
		Consisting of :—							
	47b/Z7841	Bracket	...	...	...	1	S3		
9625	47a/Z7841	Clip, half	...	...	...	1	S3	C	
9620	73/Z7841	<b>CLIP, HALF, GROUP</b> ... ..				8	—	C	
		Consisting of :—							
	73a/Z7841	Clip, half	...	...	...	1	S3		
	71b/Z7841	Tube, distance	...	...	...	2	T35		
9621	74/Z7841	<b>CLIP, HALF, GROUP</b> ... ..				8	—	C	
		Consisting of :—							
	74a/Z7841	Clip, half	...	...	...	1	—		
	71b/Z7841	Tube, distance	...	...	...	2	—		
28F/11621	AGS1104/BB	Coupling, pipe	...	...	...	1	—	C	
28F/12444	AGS1123/B	Coupling, 4-way, $\frac{1}{4}$ " BSP.	...	...	...	1	—	C	
28F/10798	AGS1129/B	Coupling, banjo, $\frac{1}{4}$ " BSP.	...	...	...	1	—	C	
10819	400Z7841	Duct, exhaust	...	...	...	1	DTD171B	C	
10243	11/Z7841	<b>DUCT, INLET, BUTTERFLY VALVE TO No. 3 HEATER, AT FORMER 31, GROUP</b>				1	—	C	
10241	12/Z7841	<b>DUCT, INLET, COUPLING, TO No. 3 HEATER, AT FORMER 31, GROUP</b>				1	—	C	
10239	14/Z7841	<b>DUCT, No. 3 HEATER TO BRANCH DUCT, AT FORMER 31, GROUP</b>				1	—	C	
10240	15/Z7841	<b>DUCT, BRANCH, AT No. 3 HEATER TO JOINT, BETWEEN FORMERS 30-31, GROUP</b>				1	—	C	
	469/Z7841	<b>DUCT, HEATER, JOINT, AT FORMER 28 TO BRANCH DUCT, AT FORMER 29, GROUP</b>				1	—		
10242	10Z7841	<b>DUCT, AIR INTAKE, GROUP (Pre-Mod. 902)</b>				1	—	C	
	1Z10249	<b>DUCT, AIR INTAKE, GROUP, (Mod. 902)</b>				1	—		

SHACKLETON Mk. 3

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HEATING AND VENTILATING, No. 3 HEATER, IN REAR CENTRE SECTION, BOMB BAY (364/Z7841) (Mod. 654) (Cont'd)</b>							
	422/Z7841	DUCT, HEATER, FROM JOINT TO JOINT, AT FORMER 28, GROUP				1	—		
	468/Z7841	DUCT, HEATER, BETWEEN FORMERS 25 & 28, GROUP				1	—		
10214	61/Z7841	DUCT, HEATER, BETWEEN FORMERS 12-20, PORT, GROUP				1	—	C	
10215	62/Z7841	DUCT, HEATER, BETWEEN FORMERS 12-20, STARBOARD, GROUP				1	—	C	
10216	63/Z7841	DUCT, HEATER, BETWEEN FORMERS 19-22, PORT, GROUP				1	—	C	
10217	64/Z7841	DUCT, HEATER, BETWEEN FORMERS 19-22, STARBOARD, GROUP				1	—	C	
10218	155/Z7841	DUCT, ELBOW, HEATER, AT FORMER 22, PORT, GROUP				1	—	C	
10219	156/Z7841	DUCT, HEATER, FROM ELBOW, ALONG FORMER 22, TO HEATER BOX, PORT, GROUP				1	—	C	
	418/Z7841	DUCT, BETWEEN FORMERS 28-31, GROUP				1	—	C	
10237	179/Z7841	DUCT, HEATER, FROM JOINT, BETWEEN FORMERS 28-29 TO DIFFUSER HEAD, BETWEEN FORMERS 27-28, GROUP				1	—	C	
10236	180/Z7841	DUCT, HEATER, FROM BRANCH TO FORMER 27, STARBOARD, GROUP				1	—	C	
10244	118/Z7841	Extractor, 8" x 9", at former 30				1	DTD171B	C	
	4/D5151	Fairing, drain outlet, at fuselage skin, between formers 30-31				1	L72		
5CW/4258	—	Flamestat				1	—	C	
9594	35/Z7841	Gasket, "Gaco", 1/8" thick x 3 5/8" dia., for duct, at heater, former 31				1	E75	C	
9600	38/Z7841	Gasket, rubber, 1/8" thick x 5" dia. for duct joint, at former 30				1	DSR503/T	C	
10845	325/Z7841	Gasket (Twilstele Type SS.0.5), for heater exhaust duct, former 30				1	—	C	
	115/Z7841	Grommet, for heater duct, at former 31 (Made from SP40/A64)				1	—		

**SERVICES**  
**AIR CONDITIONING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>HEATING AND VENTILATING, No. 3 HEATER, IN REAR CENTRE SECTION, BOMB BAY (364/Z7841) (Mod. 654) (Cont'd)</b>									
9610	2/Z3388	Head, diffuser ... ..	3	DTD59A					
	188/Z7841	Hose, $\frac{1}{8}$ " i/d x $\frac{1}{8}$ " x 1" long ... ..	4	Rubber					
	DUNLOP DAS393/32/2-5	Hose, coupling, 2" i/d x 2 $\frac{1}{2}$ " long, for duct joints	2	—		C			
9611	DUNLOP DAS393/40/2-5	Hose, coupling, 2 $\frac{1}{2}$ " i/d x 2 $\frac{1}{2}$ " long, for duct joints	3	—		C			
9613	DUNLOP DAS393/48/2-5	Hose, coupling, 3" i/d x 2 $\frac{1}{2}$ " long ... ..	1	—		C			
9617	DAS393/80/3	Hose, coupling, 5" i/d x 3" long ... ..	2	—		C			
10231	1/Z7983	<b>INTAKE, AIR, GROUP</b> ... ..	1	—		C			
		Consisting of:—							
	2/Z7983	Pressing ... ..	1	L59					
28Q/10407	AS2228/404	Rivet ... ..	53	—		C			
28Q/10408	AS2228/406	Rivet ... ..	10	—		C			
	3/Z7983	Shroud ... ..	1	L59					
5K/3355	AS3360/B4B	Lead, bonding, 4 BA x 4 BA x 4" long ...	2	—		C			
5K/3373	AS3360/B5B	Lead, bonding, 4 BA x 4 BA x 5" long ...	4	—		C			
5K/3394	AS3360/B6B	Lead, bonding, 4 BA x 4 BA x 6" long ...	6	—		C			
5K/3413	AS3360/B7B	Lead, bonding, 4 BA x 4 BA x 7" long ...	2	—		C			
5K/	AS3360/C4	Lead, bonding, 2 BA x $\frac{1}{2}$ " x 4" long ...	1	—					
	1Z8008	<b>MOUNTING, HEATER CONTROL UNIT, GROUP</b>	1	—					
		Spares for:—							
28D/12532	A25/4C	Bolt, hex. hd, 2 BA. ... ..	12	—		C			
28M/10288	AGS2001/C1	Nut, stiff, 2 BA. ... ..	12	—		C			
9670	2Z8008	<b>RING, MOUNTING, GROUP</b> ... ..	1	—		C			
		Consisting of:—							
	3Z8008	Ring, backing ... ..	1	L72					
	4Z8008	Ring, $\frac{1}{8}$ " x 10 $\frac{1}{2}$ " o/d x 9" i/d ... ..	1	Rubber					
	5Z8008	Ring, $\frac{1}{8}$ " x 8 $\frac{3}{4}$ " o/d x 7 $\frac{1}{2}$ " i/d ... ..	1	Rubber					
27U/553	—	Unit, heater control ... ..	1	—		A			
28W/12252	SP13/C	Washer, 2 BA. ... ..	12	—		C			
		<b>MOUNTING, HEATER, No. 3, GROUP (1/Z8049)</b>	1	—					
		Spares for:—							
28M/12535	A25/12C	Bolt, strap, attachment ... ..	4	—		C			
	AS1895	Bolt, wing, strap, adjusting ... ..	2	—					
9667	13/Z8049	<b>STRAP, MOUNTING, GROUP</b> ... ..	1	—		C			
9668	14/Z8049	<b>STRAP, MOUNTING, GROUP</b> ... ..	1	—		C			
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ... ..	187	—		C			
28M/10287	AGS2001/B/1	Nut, stiff, 4 BA ... ..	65	—		C			
28M/10290	AGS2001/E/1	Nut, stiff, $\frac{1}{4}$ " BSF ... ..	8	—		C			

SHACKLETON Mk. 3

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Mati. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HEATING AND VENTILATING, No. 3 HEATER, IN REAR CENTRE SECTION, BOMB BAY (364/Z7841) (Mod. 654) (Cont'd)</b>							
	119Z7841	Packing, asbestos, for exhaust duct flange at former 30				1	—		
10228	99Z7841	PIPE, BRANCH, AT FORMER 16, GROUP				1	—	C	
10229	108Z7841	PIPE, STUB, AT FLOOR, FORMER 16, GROUP				1	—	C	
	354Z7841	Pipe, from rubber connection to drain outlet, at No. 3 heater, between formers 30 & 31				1	DTD323A		
	355/Z7841	Pipe, from rubber connection to drain outlet, at heater No. 3, between formers 30-31, $\frac{1}{16}$ " o/d x 22G x 5" long				1	DTD323A		
	1SS1585	Plate, locking, for adaptor at former 30 ...				2	—		
	107Z7841	Plate, blanking, for duct at former 16 ...				1	L72		
	34Z7841	PLATE, SEALING EXHAUST DUCT AT FORMER 31, GROUP				1	—		
10253	213/Z7841	Restrictor ... ..				1	DTD171B	C	
	30/Z7841	Ring, clamp, No. 3 heater, at former 31 ...				1	L72		
9595	31/Z7841	Ring, sealing, No. 3 heater, at former 31 ...				1	E75	C	
	32/Z7841	Ring, clamp, No. 3 heater, top, at former 31				1	L72		
9599	33/Z7841	Ring, sealing, No. 3 heater, top, at former 31				1	DSR503/T	C	
	42/Z7841	Ring, spacing, for ducts ... ..				3	L72		
9596	97/Z7841	Seal, joint, for duct and blanking plate ...				2	DSR503/T	C	
	36/Z7841	Sleeve, joint, for ducts ... ..				3	L59		
9592	89/Z7841	Sleeve, joint, for ducts (Dunlop) ... ..				2	DSR503/T	C	
9593	90/Z7841	Sleeve, joint, for ducts (Dunlop) ... ..				2	DSR503/T	C	
9665	116/Z7841	SHIELD, HEAT, GROUP ... ..				1	—	C	
	THERMAL CONTROL								
5CW/28V/5108	TP5120	Switch, pressure ... ..				1	—		
27U/539	AGS838/4	Union, nut ... ..				1	—	C	
	—	Unit, heater ... ..				1	—	A	
	1/Z7979	VALVE, BUTTERFLY, GROUP ...				1	—		
		Spares for :—							
5W/1	ROTAX, LTD. C5001/2	Actuator, rotary ... ..				1	—	A	
5CW/4742	DOWTY 1831-Y	Switch, limit ... ..				1	—	B	

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>VALVE, BUTTERFLY (1Z7979) (Cont'd)</b>							
9669	15/Z7979	<b>VALVE, GROUP, LESS ACTUATOR AND SWITCH, GROUP</b>				1	—	B	
		Spares for :—							
28D/12532	A25/4C	Bolt, valve, attachment	...	...	2	—	C		
28D/9415978	A25/12C	Bolt, switch, attachment	...	...	3	—	C		
28D/12137	AS1246/4B	Bolt, 4 BA, diaphragm	...	...	3	—	C		
10189	12/Z7979	Bolt, special, for lever	...	...	1	DTD363A	C		
10185	13/Z8033	Cam	...	...	1	DTD363A	C		
	2/Z7979	<b>DIAPHRAGM, GROUP</b>				1	—		
	20/Z7979	<b>LEVER, SPECIAL, GROUP</b>				1	—		
	10F1499	Spring, for lever	...	...	1	Spring Steel			
10188	18/Z8033	Washer, special...	...	...	2	L72	C		
28W/9419465	SP13/B	Washer	...	...	3	—	C		
28W/9419402	SP13/C	Washer	...	...	2	—	C		
28F/12048	AGS1186/B	Washer, 1/4" BSF	...	...	2	—	C		
28F/12082	AGS1138/BB	Washer, jointing	...	...	1	—	C		
28W/9419465	SP13/B	Washer, 4 BA	...	...	38	—	C		
28W/9419402	SP13/C	Washer, 2 BA	...	...	206	—	C		
28W/9418921	SP13/E	Washer, 1/4"	...	...	8	—	C		
28W/13388	SP14/E	Washer, 1/4"	...	...	8	—	C		

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>HEATING AND VENTILATING, IN REAR SECTION (5/Z7841)</b>									
Spares for :—									
28D/13868	A25/4B	Bolt, 4 BA	...	...	...	17	—	C	
28D/12512	A25/1C	Bolt, 2 BA	...	...	...	41	—	C	
28D/12513	A25/2C	Bolt, 2 BA	...	...	...	9	—	C	
28D/12531	A25/3C	Bolt, 2 BA	...	...	...	4	—	C	
28D/8341	AS1248/1C	Bolt, 2 BA	...	...	...	23	—	C	
28D/8342	AS1248/2C	Bolt, 2 BA	...	...	...	3	—	C	
	22/Z6869	<b>CAP, BLANKING, FOR DUCT, BETWEEN FORMERS 44-45, GROUP</b>				1	—		
Consisting of :—									
	22a/Z6869	Blank	...	...	...	1	L59		
	119/16	Rivet, biff.	...	...	...	1	—		
	22b/Z6869	Washer, asbestos	...	...	...	1	BSS690		
28E/8183	AGS605/1	Clip, hose, type "J", for ducts	...	...	...	3	—	C	
28E/8184	AGS605/2	Clip, hose, type "J", for ducts	...	...	...	2	—	C	
28E/8185	AGS605/3	Clip, hose, type "J", for ducts	...	...	...	6	—	C	
28E/8186	AGS605/4	Clip, hose, type "J", for ducts	...	...	...	6	—	C	
28E/8187	AGS605/5	Clip, hose, type "J", for ducts	...	...	...	2	—	C	
9623	43a/Z7841	Clip, for ducts, at formers 42-44	...	...	...	2	—	C	
9625	47a/Z7841	Clip, for ducts, at formers 37, 40-41	...	...	...	3	S3	C	
9628	48/Z7841	Clip, for ducts at formers 32-33	...	...	...	2	S3	C	
9626	109/Z7841	<b>CLIP, FOR DUCT, AT FORMER 32, GROUP</b>				1	—	C	
9627	109a/Z7841	<b>CLIP, FOR DUCTS, AT FORMERS 35-36, GROUP</b>				2	—	C	
9630	110/Z7841	<b>CLIP, FOR DUCT, AT FORMER 39, GROUP</b>				1	—	C	
9631	111/Z7841	<b>CLIP, FOR DUCT, AT FORMER 40, GROUP</b>				1	—	C	
9632	112/Z7841	<b>CLIP, FOR DUCT, AT FORMER 41, GROUP</b>				1	—	C	
9633	175/Z7841	<b>CLIP, FOR DUCT, AT FORMER 33, GROUP</b>				1	—	C	
10232	177/Z7841	<b>Coupling, duct, at diffuser head, between formers 32-33</b>				1	L59	C	
10249	24/Z7841	<b>DUCT, HEATER, AT FORMER 37 TO COUPLING, FORWARD OF FORMER 37, GROUP</b>				1	—	C	
10250	25/Z7841	<b>DUCT, HEATER, AT FORMER 37, TO COUPLING, AFT OF FORMER 37, GROUP</b>				1	—	C	
10251	27/Z7841	<b>DUCT, HEATER, FROM COUPLING, FORWARD OF FORMER 38 TO COUPLING, AT FORMER 41, GROUP</b>				1	—	C	

SERVICES  
AIR CONDITIONING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>HEATING AND VENTILATING, IN REAR SECTION (5/Z7841) (Cont'd)</b>									
10252	28/Z7841	DUCT, HEATER, FROM COUPLING, BETWEEN FORMERS 41-42 TO FLEXIBLE TUBE, AT FORMER 44, GROUP				1	—	C	
10246	172/Z7841	DUCT, HEATER, FROM COUPLING, BETWEEN FORMERS 31-32 TO COUPLING BETWEEN FORMERS 33-34, GROUP				1	—	C	
10247	173/Z7841	DUCT, HEATER, COUPLING TO COUPLING TO COUPLING, AT FORMER 34, GROUP				1	—	C	
10248	174/Z7841	DUCT, HEATER, FROM COUPLING AT FORMER 34 TO COUPLING, BETWEEN FORMERS 36-37				1	—	C	
9601	39/Z7841	Gasket, rubber (Dunlop), for duct joint, at former 31				1	DSR503/T	C	
9603	40/Z7841	Gasket, rubber (Dunlop), for duct joint, at former 37				2	DSR503/T	C	
	2/Z3388	Head, diffuser, between formers 32-33 ...				1	DTD59A		
9615	DUNLOP DAS393/56/2.5	Hose, coupling, 3½" i/d x 2½" long ...				1	—	C	
9609	DUNLOP DAS393/26/2.5	Hose, coupling, 1¾" i/d x 2½" long ...				1	—	C	
9611	DUNLOP DAS393/40/2.5	Hose, coupling, 2½" i/d x 2½" long ...				2	—	C	
9613	DUNLOP DAS393/48/2.5	Hose, coupling, 3" i/d x 2½" long ...				3	—	C	
5K/3355	AS3360/B4B	Lead, bonding ...				1	—	C	
5K/3394	AS3360/B6B	Lead, bonding ...				7	—	C	
5K/3405	AS3360/B3C	Lead, bonding ...				2	—	C	
28M/10287	AGS2001/B/1	Nut, stiff, 4 BA ...				17	—	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ...				53	—	C	
	60/Z6843	Sieve, for duct blanking cap, at former 44				1	Hallprene		
	49/Z4585	Tube, flexible (Dunlop), former 44 to former 46				2	—		
28W/12305	SP13/B	Washer ...				17	—	C	
28W/12252	SP13/C	Washer ...				53	—	C	

SERVICES—AIR CONDITIONING  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
5CW	4258	3	28D	12867	16	28M	10290	60
5CW	4742	2	28D	13868	38	28M	11957	15
			28D	14976	32	28M	12535	4
						28M	12929	1
						28M	13266	8
5K	2868	2						
5K	2875	2						
5K	2877	7						
5K	3355	5	28E	8183	3			
5K	3371	6	28E	8184	8			
5K	3373	4	28E	8185	50	28N	544	2
5K	3391	1	28E	8186	8	28N	15557	1
5K	3394	28	28E	8187	4			
5K	3405	10						
5K	3413	3						
						28P	12462	1
5W	1	2	28E	Part No. AGS.605/4Y	12	28P	13564	12
27U	533	2						
27U	539	3	28F	5604	1	28Q	6638	10
			28F	6353	5	28Q	10157	2
			28F	7245	1	28Q	10407	53
			28F	8215	5	28Q	10408	10
			28F	9708	5	28Q	10566	6
27V	2854	2	28F	10018	2			
			28F	10798	2			
			28F	11018	5			
			28F	11273	1			
			28F	11621	2			
			28F	12048	4			
28D	8342	17	28F	12082	1	28V	5104	3
28D	9353	8	28F	12444	1	28V	5108	8
28D	9744	8				28V	13603	8
28D	10764	8						
28D	11957	13						
28D	12118	12						
28D	12137	3						
28D	12512	203	28L	12931	2			
28D	12513	108						
28D	12518	8				28W	12252	450
28D	12519	8				28W	12253	60
28D	12528	48				28W	12305	70
28D	12531	93				28W	12332	42
28D	12532	14	28M	8101	1	28W	12346	12
28D	12535	3	28M	10216	3	28W	12355	19
28D	12567	8	28M	10287	136	28W	13383	16
28D	12629	24	28M	10288	405	28W	13388	8



AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>AIR SPEED INDICATOR SYSTEM AND AIR MILEAGE UNIT (S2014) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (F9257) (Z8098)</b>							
		Spares for :—							
	19/SS3555	Adaptor, bulkhead	...	...	...	4	—		
	1/SS3923	Adaptor, flanged	...	...	...	9	—		
	46/Q1950	Block, .477" thick x .875" dia., for switch mounting bracket (Mod. 648)				2	BSS972		
	45/Q1950	<b>BRACKET, MOUNTING, FOR A.S.I., GROUP (Mod. 648)</b>				1	—		
28V/13603	AGS838/8	Bush	...	...	...	158	Rubber	C	
28E/3321	AGS606/D	Clip, hose (Mod. 648)	...	...	...	4	—	C	
28F/8294	AGS1102/BB	Coupling, 1/8"	...	...	...	1	—	C	
28V/5104	AGS838/1	Coupling, 1/8"	...	...	...	29	—	C	
28V/5107	AGS838/3	Elbow	...	...	...	4	—	C	
6A/2176	—	Head, pressure, Mk. 8M, on outer mainplane, port and starboard				2	—	A	
6A/2519	—	Manifold, connector (Mod. 648)	...	...		2	—	A	
6218	1/S1959	<b>MOUNTING, PRESSURE HEAD, ON BOTTOM SKIN, OUTER MAINPLANE, PORT AND STARBOARD, GROUP (Pre-Mod. 668)</b>				2	—	B	
		Consisting of :—							
28D/11564	AS1246/1C	Bolt, rd.hd, 2 BA, attachment of pressure head bracket				5	—	C	
3823	4/S1959	<b>BRACKET, SUPPORT, PRESSURE HEAD, GROUP</b>				1	—	C	
		Consisting of :—							
	2/S1959	Bracket	...	...	...	1	DTD213	C	
3822	3/S1959	<b>FAIRING, FLANGED, GROUP</b>				1	—	C	
743	9/S1560	<b>BRACKET, PRESSURE HEAD, BOTTOM, GROUP</b>				1	—	C	
		Consisting of :—							
28D/12568	A25/22C	Bolt, hex.hd, 2 BA x 2.2" plain	...	...		1	—	C	
6208	10/S1560	Bracket, pressure head	...	...		1	DTD59B	C	
3951	11/S1560	Cover	...	...		1	DTD59B	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA	...	...		1	—	C	
28M/11957	AGS2007/C/1	Nut, anchor, 2 BA	...	...		5	—	C	
3952	12/S1560	Pin, dowel	...	...		2	S1	C	
28Q/6665	AS2227/305	Rivet, snap hd, 3/32" dia. x 5/16" long	...	...		10	—	C	
6658	5S1959	<b>MOUNTING, PRESSURE HEAD, ON BOTTOM SKIN, OUTER MAINPLANE, PORT AND STARBOARD, GROUP (Mod. 668)</b>				2	—	B	
		Consisting of :—							
28D/11564	AS1246/1C	Bolt, rd.hd, 2 BA, attachment of pressure head bracket				5	—	C	

SERVICES

AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MOUNTING, PRESSURE HEAD, ON BOTTOM SKIN, OUTER MAINPLANE, PORT AND STARBOARD, GROUP (5S1959) (Cont'd)</b>							
6659	6S1959	<b>BRACKET, PRESSURE HEAD, SUPPORT, GROUP</b>				1	—	C	
		Consisting of :—							
	2S1959	Bracket ... ..				1	DTD213		
6660	8S1959	<b>BRACKET, SUPPORT, GROUP ...</b>				1	—	C	
743	9S1560	<b>BRACKET, PRESSURE HEAD, BOTTOM, GROUP</b>				1	—	C	
		Consisting of :—							
28D/12568	A25/22C	Bolt, hex.hd, 2 BA x 2-2" plain ... ..				1	—	C	
6208	10S1560	Bracket, pressure head ... ..				1	DTD59B	C	
3951	11S1560	Cover ... ..				1	DTD59B	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ... ..				1	—	C	
28M/11957	AGS2007/C/1	Nut, anchor, 2 BA ... ..				5	—	C	
3952	12S1560	Pin, dowel ... ..				2	S1	C	
28Q/6665	AS2227/305	Rivet, snap hd, 3/32" dia. x 1/8" long ... ..				10	—	C	
		<b>MOUNTING, OF AIR SPEED MILEAGE UNIT, BETWEEN FORMERS 2-6 (Z8098)</b>							
		Spares for :—							
6B/265	10SS3859	Clip, for pipe, at former 5 ... ..				1	—		
	—	Drive, flexible ... ..				1	—	A	
		<b>MOUNTING, OF AIR MILEAGE UNIT (Z8099)</b>							
		Spares for :—							
6B/249	—	A.M.U., Mk. 1 ... ..				1	—	A	
5CZ/4105	—	Box, junction ... ..				1	—	B	
5D/506	—	Box, junction ... ..				1	—	B	
	2Z8099	<b>BRACKET, FOR A.M.U., AT FORMER 4, GROUP</b>				1	—		
		Attachments, Bracket. Part No. 2Z8099							
28D/11890	AS1246/5C	Bolt, 2 BA x 0-9" long ... ..				4	—	C	
28W/12245	SP10/C	Washer, 2 BA x 0-9" long ... ..				4	—	C	
5CY/1002	—	Suppressor ... ..				1	—	A	
5CY/2682	—	Suppressor ... ..				1	—	A	
6B/294	—	Transmitter, Mk. 1, for A.M.U....				1	—	A	
	2Z8098	<b>PIPE, OUTLET, FOR A.M.U., GROUP</b>				1	—		
		Consisting of :—							
28D/12512	A25/1C	Bolt, for clip ... ..				4	—	C	
	14SS1793	Clip, for pipes ... ..				4	—		
	2SS3531	Clip, for pipes ... ..				8	—		
26EA/13753	3SS1979	Lead, bonding ... ..				3	—	C	
28M/10288	AGS/2001/C/1	Nut, stiff, 2 BA, for bolts at clips ... ..				4	—	C	

SHACKLETON Mk. 3

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AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>PIPE, OUTLET, FOR A.M.U. (2Z8098)</b> (Cont'd)							
	9Z8098				Piece, tee ... ..	1	DTD563		
	2aZ8098				Pipe, hose, PR, $\frac{3}{4}$ " x 14" long ... ..	1	—		
	13Z6241				Pipe, hose, PR, $\frac{3}{4}$ " i/d x 2 $\frac{1}{2}$ " long ... ..	1	BSS6F7		
	14Z6241				Pipe, hose, PR, $\frac{3}{4}$ " i/d x 1 $\frac{1}{2}$ " long ... ..	1	BSS6F7		
	8Z8098				Pipe, $\frac{3}{4}$ " o/d x 20G x 2' 1" long ... ..	1	L56		
	6Z4711				Pipe, elbow, drain ... ..	1	—		
	7Z8098				<b>PIPE, INLET, GROUP</b> ... ..	1	—		
					Consisting of:—				
	2SS3531				Clip ... ..	2	—		
	7aZ8098				Pipe, hose, PR, $\frac{3}{4}$ " i/d x 28" long ... ..	1	—		
<b>28F/5108</b>	AGS838/4				<b>Nut</b> ... ..	<b>158</b>	—	<b>C C A</b>	
<b>28M/10290</b>	AGS2001/E/1				<b>Nut, stiff, <math>\frac{1}{4}</math>" BSF</b> ... ..	<b>2</b>	—		
<b>10AJ/131</b>	—				<b>Mounting, A.V., for A.S.I. switch bracket</b> ... ..	<b>4</b>	—		
	150/S1823				<b>Pipe, flexible, braided rubber, to A.S.I., <math>\frac{1}{4}</math>" i/d x <math>\frac{1}{2}</math>" o/d x 17" long</b> ... ..	<b>1</b>	DTD251D		
<b>10825</b>	151/S1823				<b>Pipe, flexible, braided rubber, to altimeter, <math>\frac{1}{4}</math>" i/d x <math>\frac{1}{2}</math>" o/d x 12" long</b> ... ..	<b>1</b>	DTD251D		
	161/S2014				<b>Pipe, A.S.I., pressure, tee-piece to coupling, in ram pressure switch pipeline, in nosewheel bay, starboard, <math>\frac{5}{16}</math>" x 22G x 2' 4" long</b> ... ..	<b>1</b>	DTD323A		
<b>11336</b>	162/S2014				<b>Pipe, A.S.I., pressure, from ram pressure switch, in nosewheel bay, starboard, <math>\frac{5}{16}</math>" o/d x 22G x 5" long</b> ... ..	<b>1</b>	DTD323A		
<b>11288</b>	163/S2014				<b>Pipe, A.S.I., pressure, tee-piece at drain to tee-piece at ram pressure switch, connection, in nosewheel bay, starboard, <math>\frac{5}{16}</math>" o/d x 22G x 3' 8" long</b> ... ..	<b>1</b>	DTD323A		
	164/S2014				<b>Pipe, A.S.I., static, from tee-piece to flexible pipe, navigator's altimeter, in nose, port side, <math>\frac{5}{16}</math>" o/d x 22G x 2' 2" long</b> ... ..	<b>1</b>	DTD323A		
	277/S2014				<b>Pipe, A.S.I., static, from flexible pipe to tee-piece, at navigator's altimeter, in nose, port side, <math>\frac{5}{16}</math>" o/d x 22G x 9" long</b> ... ..	<b>1</b>	DTD323A		
	166/S2014				<b>Pipe, A.S.I., pressure, from tee-piece to flexible pipe, at navigator's air speed indicator, in nose, port side, <math>\frac{5}{16}</math>" o/d x 22G x 1' 11" long</b> ... ..	<b>1</b>	DTD323A		
	168/S2014				<b>Pipe, A.S.I., static, from flanged adaptor to tee-piece, A.M.U. connection, in front centre portion, port side, <math>\frac{5}{16}</math>" o/d x 22G x 1' 4" long</b> ... ..	<b>1</b>	DTD323A		
	280S2014				<b>Pipe, drain, from vent in rear portion</b> ... ..	<b>1</b>	—		
	282S2014				<b>Pipe, flexible, <math>\frac{1}{2}</math>" o/d x 46<math>\frac{1}{2}</math>" long, at zero reader flight computer</b> ... ..	<b>1</b>	DTD251		

## SERVICES

## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
	169/S2014	Pipe, A.S.I., static, from flexible pipe to coupling unit, auto pilot, in centre portion, fuselage, 3" long				1	DTD323A		
	33/S2014	Pipe, flexible, A.S.I. to coupling unit, auto pilot, in centre portion, fuselage				1	Rubber		
	171/S2014	Pipe, A.S.I., static, from flanged adaptor to flexible pipe at coupling unit, in centre portion, fuselage, port side, $\frac{5}{16}$ " o/d x 22G x 6" long				1	DTD323A		
	172/S2014	Pipe, A.S.I., static, from tee-piece to vent at fuselage side, in rear portion, starboard, $\frac{5}{16}$ " o/d x 22G x 3' 10" long				1	DTD323A		
	173/S2014	Pipe, A.S.I., static, from tee-piece at coupling unit connection, to tee-piece at drain pipe, in rear centre portion, bomb bay, starboard, $\frac{5}{16}$ " o/d x 22G x 10' 6" long				1	DTD323A		
	174/S2014	Pipe, A.S.I., pressure, from flanged adaptor to tee-piece at flexible connection, air speed indicator, front centre portion, fuselage, port, $\frac{5}{16}$ " o/d x 22G x 7' 3" long				1	DTD323A		
	175/S2014	Pipe, A.S.I., static, from tee-piece to flexible pipe at A.M.U. connection, in front centre portion, port, $\frac{5}{16}$ " o/d x 22G x 1' 9" long				1	DTD323A		
	176/S2014	Pipe, A.S.I., pressure, from tee-piece at air speed indicator connection to flexible pipe at A.M.U. connection, front centre portion, port, $\frac{5}{16}$ " o/d x 22G x 2' 0" long				1	DTD323A		
	267/S2014	Pipe, A.S.I., static, from elbow at rate of climb meter to tee-piece at altitude meter, 2nd pilot's instruments, in nose, starboard, $\frac{5}{16}$ " o/d x 22G x 4" long				1	DTD232A		
	179/S2014	Pipe, A.S.I., static, from tee-piece to coupling at air speed indicator, 2nd pilot's instruments, in nose, starboard, $\frac{5}{16}$ " o/d x 22G x 3" long				1	DTD323A		
	180/S2014	Pipe, A.S.I., static, from flexible pipe to tee-piece at air speed indicator, 2nd pilot's instruments, in nose, starboard, $\frac{5}{16}$ " o/d x 22G x 4" long				1	DTD323A		
	181/S2014	Pipe, A.S.I., static, from coupling to flexible pipe, 2nd pilot's instruments, between formers "E" and "F", in nose, $\frac{5}{16}$ " o/d x 22G x 4' 8" long				1	DTD323A		
	182/S2014	Pipe, A.S.I., pressure, from tee-piece at drain to elbow at pressure head, outer mainplane, port and starboard, $\frac{5}{16}$ " o/d x 22G x 2' 5" long				2	DTD323A		
	275/S2014	Pipe, A.S.I., static, flexible pipe to flight computer				1	DTD323A		

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## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. --- M.R.	Plate and Illust'n No.
		1	2	3	4				
	183/S2014	Pipe, A.S.I., pressure, from union to flexible pipe at air speed indicator, 2nd pilot's instruments, between formers "E" and "F", in nose, $\frac{5}{16}$ " o/d x 22G x 4' 3" long				1	DTD323A		
	184/S2014	Pipe, A.S.I., static, from flexible pipe to tee-piece at rate of climb indicator, 1st pilot's instruments, in nose, port, $\frac{5}{16}$ " o/d x 22G x 3" long				1	DTD323A		
	185/S2014	Pipe, A.S.I., static, from air speed indicator to altitude meter, 1st pilot's instruments, in nose, port, $\frac{5}{16}$ " o/d x 22G x 9" long				1	DTD323A		
	186/S2014	Pipe, A.S.I., static, from union to union, forward of former 27, in rear centre portion, bomb bay, starboard, $\frac{5}{16}$ " o/d x 22G x 4' 7" long				1	DTD323A		
	187/S2014	Pipe, A.S.I., static, from tee-piece vent at fuselage, side rear portion, port, $\frac{5}{16}$ " o/d x 22G x 3' 0" long				1	DTD323A		
	188/S2014	Pipe, A.S.I., static, from union to drain pipe, between formers 3-4, front centre portion, $\frac{5}{16}$ " o/d x 22G x 1' 2" long				1	DTD323A		
	189/S2014	Pipe, A.S.I., pressure, from union to cross-piece at drain pipe, between formers 3-4, front centre portion, port, $\frac{5}{16}$ " o/d x 22G x 1' 5" long				1	DTD323A		
	190/S2014	Pipe, A.S.I., pressure, flanged adaptor to union, between formers 3-4, front centre portion, port, $\frac{5}{16}$ " o/d x 22G x 1' 11" long				1	DTD323A		
	191/S2014	Pipe, A.S.I., static, from flanged adaptor to union, between formers 3-4, front centre portion, starboard, $\frac{5}{16}$ " o/d x 22G x 2' 2" long				1	DTD323A		
	192/S2014	Pipe, A.S.I., static, from union to union, in pipeline to navigator's instruments, between formers 3-4, starboard, $\frac{5}{16}$ " o/d x 22G x 2' 2" long				1	DTD323A		
	193/S2014	Pipe, A.S.I., pressure, from flexible pipe at air speed indicator, 1st pilot's instruments, between formers "E" and "F", in nose, port, $\frac{5}{16}$ " o/d x 22G x 4' 5" long				1	DTD323A		
	194/S2014	Pipe, A.S.I., static, from union to flexible pipe, 1st pilot's instruments, between formers "E" and "F", in nose, port, $\frac{5}{16}$ " o/d x 22G x 4' 1" long				1	DTD323A		
	195/S2014	Pipe, A.S.I., from coupling to flanged adaptor, below floor, front centre portion, $\frac{5}{16}$ " o/d x 22G x 2" long				2	DTD323A		

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## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — — M.R.	Plate and Illust'n No.
		1	2	3	4				
	196/S2014	Pipe, A.S.I., short, drain, $\frac{5}{8}$ " o/d x 22G x 4" long				8	DTD323A		
	197/S2014	Pipe, A.S.I., static, from coupling to coupling, in pipeline to coupling unit, auto pilot, rear centre portion, bomb bay, $\frac{5}{8}$ " o/d x 22G x 1' 10" long				1	DTD323A		
	201/S2014	Pipe, A.S.I., static, from union to tee-piece at drain pipe, aft of former 27, in rear centre portion, bomb bay, starboard, $\frac{5}{8}$ " o/d x 22G x 5' 10" long				1	DTD323A		
	202/S2014	Pipe, A.S.I., static, coupling to drain pipe, aft of rear spar, in rear centre portion, bomb bay, starboard, $\frac{5}{8}$ " o/d x 22G x 5' 4" long				1	DTD323A		
	203/S2014	Pipe, A.S.I., pressure, from elbow to pressure head, outer mainplane, port and starboard, $\frac{5}{8}$ " o/d x 22G x 2' 2" long				2	DTD323A		
	204/S2014	Pipe, A.S.I., pressure, from coupling to ram pressure switch, in nosewheel bay, starboard, $\frac{5}{8}$ " o/d x 22G				2	DTD323A		
	206/S2014	Pipe, A.S.I., static, from tee-piece to coupling, in pipeline to coupling unit, auto pilot, in centre portion, fuselage, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	170/S2014	Pipe, A.S.I., static, from coupling to flanged adaptor, in pipeline to coupling unit, auto pilot, in centre section, fuselage, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	207/S2014	Pipe, A.S.I., pressure, from coupling to flanged adaptor, in pressure head pipeline, front spar, outer mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 16' 2" long				1	DTD323A		
	208/S2014	Pipe, A.S.I., pressure, from flanged adaptor, front spar to tee-piece at drain pipe, outer mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 3' 5" long				1	DTD323A		
	209/S2014	Pipe, A.S.I., pressure, from coupling to coupling, front spar, outboard nacelle, outer mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 5' 3" long				1	DTD323A		
	210/S2014	Pipe, A.S.I., pressure, from union to tee-piece, at drain pipe, centre portion, inner mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 2' 1" long				1	DTD323A		
	211/S2014	Pipe, A.S.I., pressure, from union to tee-piece at drain pipe, along front spar, centre portion, mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 5' 8" long				1	DTD323A		

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## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	212/S2014	Pipe, A.S.I., pressure, from flanged adaptor at fuselage side to tee-piece at drain pipe, along front spar, centre portion, mainplane, starboard, $\frac{5}{8}$ " o/d x 22G x 4' 3" long				1	DTD323A		
	213/S2014	Pipe, A.S.I., pressure, from flanged adaptor at fuselage side to tee-piece at drain pipe, front centre portion, starboard, $\frac{5}{8}$ " o/d x 22G x 6' 7" long				1	DTD323A		
	214/S2014	Pipe, A.S.I., pressure, from tee-piece at drain pipe heater bay, to tee-piece at drain pipe, former 6, in front centre portion, starboard, $\frac{5}{8}$ " o/d x 22G x 10' 10" long				1	DTD323A		
	215/S2014	Pipe, A.S.I., pressure, from tee-piece at drain pipe to flanged adaptor, in nose-wheel bay, starboard, $\frac{5}{8}$ " o/d x 22G x 2' 7" long				1	DTD323A		
	269/S2014	Pipe, A.S.I., static, from tee-piece to flex. pipe in nosewheel bay, starboard, $\frac{5}{8}$ " o/d x 22G				2	DTD323A		
	217/S2014	Pipe, A.S.I., static, from flanged adaptor to coupling, below 2nd pilot's floor, formers "E" and "F", in nose, starboard, $\frac{5}{8}$ " o/d x 22G x 4' 0" long				1	DTD323A		
	218/S2014	Pipe, A.S.I., pressure, from flanged adaptor to coupling, below 2nd pilot's floor, formers "E" and "F", in nose, starboard, $\frac{5}{8}$ " o/d x 22G x 4' 5" long				1	DTD323A		
	219/S2014	Pipe, A.S.I., pressure, from flanged adaptor to coupling, below 1st pilot's floor, formers "E" and "F", in nose, port, $\frac{5}{8}$ " o/d x 22G x 4' 2" long				1	DTD323A		
	220/S2014	Pipe, A.S.I., static, from flanged adaptor to coupling, below 1st pilot's floor, formers "E" and "F", in nose, port, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	221/S2014	Pipe, A.S.I., static, from tee-piece at drain pipe to coupling, in nosewheel bay, port, $\frac{5}{8}$ " o/d x 22G x 3' 4" long				1	DTD323A		
	222/S2014	Pipe, A.S.I., static, from adaptor, in heater bay, to union at former 6, below floor, in front centre section, port, $\frac{5}{8}$ " o/d x 22G x 10' 8" long				1	DTD323A		
	223/S2014	Pipe, A.S.I., static, from tee-piece at drain pipe to coupling, forward of front spar, under floor, in centre section of fuselage, port, $\frac{5}{8}$ " o/d x 22G x 10' 6" long				1	DTD323A		
	268S2014	Pipe, A.S.I., static, indicator to tee-piece, port, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	271S2014	Pipe, A.S.I., static adaptor to tee-piece in line to zero reader flight computer, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		

## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	224/S2014	Pipe, A.S.I., static, from tee-piece at drain pipe, to tee-piece at drain pipe, in rear centre section, bomb bay, port, $\frac{5}{16}$ " o/d x 22G x 11' 4" long				1	DTD323A		
	225/S2014	Pipe, A.S.I., static, from coupling to tee-piece at drain pipe, in nosewheel bay, starboard, $\frac{5}{16}$ " o/d x 22G x 3' 3" long				1	DTD323A		
	226/S2014	Pipe, A.S.I., static, from cross-piece at drain pipe to union, below floor, in front centre portion, starboard, $\frac{5}{16}$ " o/d x 22G x 8' 3" long				1	DTD323A		
	227/S2014	Pipe, A.S.I., static, from cross-piece at drain pipe to adaptor, forward of former 5, below floor, front centre portion, starboard, $\frac{5}{16}$ " o/d x 22G x 2' 3" long				1	DTD323A		
	228/S2014	Pipe, A.S.I., static, from tee-piece at drain to coupling, between front and rear spars, under floor, centre portion, fuselage, starboard, $\frac{5}{16}$ " o/d x 22G x 10' 0" long				1	DTD323A		
	229/S2014	Pipe, A.S.I., static, from union to tee-piece at coupling unit, auto pilot connection, in rear centre portion, bomb bay, starboard, $\frac{5}{16}$ " o/d x 22G x 3' 2" long				1	DTD323A		
	230/S2014	Pipe, A.S.I., static, tee-piece at drain to union, in rear centre portion, bomb bay, port, $\frac{5}{16}$ " o/d x 22G x 4' 3" long				1	DTD323A		
	231/S2014	Pipe, A.S.I., static, union to union, in rear centre portion, bomb bay, port, $\frac{5}{16}$ " o/d x 22G x 6' 10" long				1	DTD323A		
	232/S2014	Pipe, A.S.I., static, from union to flanged adaptor, rear of former 27, in rear centre portion, bomb bay, port, $\frac{5}{16}$ " o/d x 22G x 3' 4" long				1	DTD323A		
	233/S2014	Pipe, A.S.I., pressure, from flanged adaptor at front spar to tee-piece at drain pipe, outer mainplane, port, $\frac{5}{16}$ " o/d x 22G x 3' 6" long				1	DTD323A		
	234/S2014	Pipe, A.S.I., pressure, from union to flanged adaptor, front spar, outer mainplane, port, $\frac{5}{16}$ " o/d x 22G x 16' 2" long				1	DTD323A		
	235/S2014	Pipe, A.S.I., pressure, from union to union, along front spar, outboard engine, port, $\frac{5}{16}$ " o/d x 22G x 5' 3" long				1	DTD323A		
	236/S2014	Pipe, A.S.I., pressure, from union to union, along front spar, between inboard and outboard engines, inner mainplane, port, $\frac{5}{16}$ " o/d x 22G x 9' 0" long				1	DTD323A		
	272/S2014	Pipe, A.S.I., static, tee-piece to drain, in line to zero flight computer, $\frac{5}{16}$ " o/d x 22G				1	DTD323A		

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## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	270/S2014	Pipe, A.S.I., pressure, from tee-piece to union, along front spar, inboard engine, port, $\frac{5}{16}$ " o/d x 22G				1	DTD323A		
	238/S2014	Pipe, A.S.I., pressure, from flanged adaptor at fuselage side, to union along front spar, port, $\frac{5}{16}$ " o/d x 22G x 4' 0" long				1	DTD323A		
	239/S2014	Pipe, A.S.I., pressure, from flanged adaptor at fuselage side to union, in centre portion fuselage, port side, $\frac{5}{16}$ " o/d x 22G x 7' 4" long				1	DTD323A		
	240/S2014	Pipe, A.S.I., pressure, from cross-piece at drain pipe to union at front spar, below floor, front centre portion, port side, $\frac{5}{16}$ " o/d x 22G x 2' 3" long				1	DTD323A		
	241/S2014	Pipe, A.S.I., pressure, from cross-piece at drain pipe, formers 3-4 to union, in heater bay, below floor, front centre portion, fuselage, port side, $\frac{5}{16}$ " o/d x 22G x 7' 8" long				1	DTD323A		
	242/S2014	Pipe, A.S.I., pressure, from tee-piece at drain pipe to coupling, in nosewheel bay, port side, $\frac{5}{16}$ " o/d x 22G x 3' 8" long				1	DTD323A		
	243/S2014	Pipe, A.S.I., pressure, from tee-piece at drain pipe to coupling, in nosewheel bay, port side, $\frac{5}{16}$ " o/d x 22G x 2' 8" long				1	DTD323A		
	244/S2014	Pipe, A.S.I., static, from tee-piece at drain pipe to coupling, in nosewheel bay, port side, $\frac{5}{16}$ " o/d x 22G x 2' 10" long				1	DTD323A		
	178/S2014	Pipe, A.S.I., static, from flanged adaptor to vent at fuselage side, in rear portion, port, $\frac{5}{16}$ " o/d x 22G x 2' 4" long				1	DTD323A		
	255/S2014	Pipe, A.S.I., pressure, from tee-piece at drain pipe to coupling, between inboard and outboard engines, inner mainplane, starboard, $\frac{5}{16}$ " o/d x 22G x 8' 8" long				1	DTD323A		
	253/S2014	Pipe, A.S.I., static, from tee-piece at altimeter to air speed indicator, navigator's instruments, in front centre portion, port, $\frac{5}{16}$ " o/d x 22G x 1' 4" long				1	DTD323A		
	266/S2014	Pipe, A.S.I., static, from tee-piece at rate of climb indicator to altitude meter, 1st pilot's instruments, in nose, $\frac{5}{16}$ " o/d x 22G x 1' 5½" long				1	DTD323A		
	273/S2014	Pipe, A.S.I., static, tee-piece to elbow in line to zero reader flight computer, $\frac{5}{16}$ " o/d x 22G				1	DTD323A		
	274/S2014	Pipe, A.S.I., flexible, adaptor to static pipe at zero reader flight computer $\frac{1}{2}$ " o/d x $\frac{1}{4}$ " i/d				1	DTD251		

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## AIR SPEED INDICATOR AND AIR MILEAGE UNIT

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	199/S2014	Pipe, A.S.I., static, from tee-piece at altitude meter to elbow at rate of climb indicator, 2nd pilot's instruments, in hose, $\frac{3}{8}$ " o/d x 22G x 7" long				1	DTD323A		
	245/S2014	Pipe, A.S.I., static, from coupling tee-piece at flexible pipe, front centre section, starboard, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	246/S2014	Pipe, A.S.I., static, from tee-piece at flexible pipe to cross-piece at drain pipe, front centre portion, starboard, $\frac{3}{8}$ " o/d x 22G				1	DTD323A		
	247/S2014	Pipe, A.S.I., pressure, from tee-piece to tee-piece at flexible pipe, front centre portion, starboard, $\frac{5}{8}$ " o/d x 22G				1	DTD323A		
	248/S2014	Pipe, A.S.I., pressure, from tee-piece at flexible pipe to coupling, front centre portion, starboard, $\frac{3}{8}$ " o/d x 22G				1	DTD323A		
	249/S2014	Pipe, stub, A.S.I., static, at flex connection to switch, front centre portion, starboard, $\frac{5}{8}$ " o/d x 22G x 1' 5" long				1	DTD323A		
	250/S2014	Pipe, stub, A.S.I., pressure, at flex connection to switch, front centre portion, starboard, $\frac{5}{8}$ " o/d x 22G x 1' 5" long				1	DTD323A		
	251/S2014	Pipe, stub, A.S.I., static, at flex connection to switch, front centre portion, starboard, $\frac{3}{8}$ " o/d x 22G				2	DTD323A		
	252/S2014	Pipe, flexible, A.S.I., from stub pipe to switch, front centre section, starboard, $\frac{1}{4}$ " o/d (Mod. 648)				2	Rubber		
	8/Q2045	Pipe, flexible, A.S.I., from trough to A.S.I. instruments, above floor, in nose, $\frac{1}{2}$ " o/d x $\frac{1}{4}$ " i/d x 19" long				1	DTD251D		
	3/Q2045	Pipe, flexible, A.S.I., from trough to A.S.I. instruments, above floor, in nose, $\frac{1}{2}$ " o/d x $\frac{1}{4}$ " i/d x 12" long				3	DTD251D		
6A/1820	—	Plate, stiffening, for vent at fuselage side, rear section				2	—	A	
SCW/4855	TEDDINGTON FGW/A/12 R. W. MUNRO	Switch, ram pressure, undercarriage . . . . .				1	—	A	
6A/5415	—	Switch, A.S.I. (Mod. 648), type Mk. 1 H. . . . .				1	—	A	
28V/5105	AGS838/2	Tee, union, body . . . . .				2	—	C	
28V/13863	AGS838/10	Tube, drain . . . . .				11	—	C	
6A/1686	—	Vent, static, type "D", for A.S.I. . . . .				2	—	B	
10A/19429	—	Washer, check, for switch mounting bracket				4	—	C	
28W/12253	SP13/E	Washer, $\frac{1}{4}$ " BSF. . . . .				2	—	C	

**SERVICES**  
**AIR SPEED INDICATOR AND AIR MILEAGE UNIT**  
**SUMMARY OF STANDARD ITEMS**

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
5CW	4855	1	6B	249	1	28Q	6665	20
			6B	265	1			
			6B	294	1			
5CY	1002	1				28V	5104	29
5CY	2682	1	28D	11564	10	28V	5105	2
			28D	11890	4	28V	5107	4
			28D	12512	4	28V	5108	158
			28D	12568	2	28V	13863	11
5CZ	4105	1						
			28E	3321	4	28W	12245	4
5D	506	1				28W	12253	4
			28F	8294	1			
6A	1686	2						
6A	1820	2						
6A	2176	2	28M	10288	62			
6A	2519	2	28M	10290	2			
6A	5415	1	28M	11957	10			



SHACKLETON Mk. 3

SERVICES  
DE-ICING

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b>							
		Consisting of:—							
		<b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257)</b>							
		Spares for:—							
	4/SS4295	Adaptor, flanged	...	...	...	8	—		
28F/10486	AGS1145/C	Adaptor	...	...	...	9	—	C	
28F/9714	AGS1111/C	Adaptor, flanged	...	...	...	2	—	C	
28F/10410	AGS1104/C	Adaptor	...	...	...	3	—	C	
28F/10799	AGS1129/C	Banjo, single end	...	...	...	4	—	C	
28F/9730	AGS1135/C	Bolt, banjo	...	...	...	3	—	C	
28F/12076	AGS1114/C	Coupling, flanged	...	...	...	4	—	C	
	T.K.S.								
	FJ/2653	Filter, unit, T.K.S.	...	...	...	2	—		
	152/Z7728	<b>INSERT ADAPTOR UNIT, WING DE-ICING, GROUP</b>				28	—		
		Consisting of:—							
	66/SS3568	Adaptor, special	...	...	...	1	—		
28F/12147	AGS1130/C	Banjo, double end	...	...	...	1	—	C	
28F/9730	AGS1135/C	Bolt, banjo	...	...	...	1	—	C	
28F/11958	AGS1186/C	Washer, sealing	...	...	...	2	—	C	
	153/Z7728	<b>INSERT ADAPTOR UNIT, WING DE-ICING, GROUP</b>				2	—		
		Consisting of:—							
	66/SS3568	Adaptor, special	...	...	...	1	—		
28F/10799	AGS1129/C	Banjo, single end	...	...	...	1	—	C	
28F/9730	AGS1136/C	Bolt, banjo	...	...	...	1	—	C	
28F/11958	AGS1186/C	Washer, sealing	...	...	...	2	—	C	
756	3/G2867	Insert, T.K.S. de-icing, tailplane, port and starboard				2	—	C	
757	4/G2867	Insert, T.K.S. de-icing, tailplane, port and starboard				2	—	C	
559	47/H2089	Insert, T.K.S. de-icing, fin, port and starboard				2	—	C	
560	48/H2089	Insert, T.K.S. de-icing, fin, port and starboard				2	—	C	
528	MESSIER 5M4	Nut	...	...	...	20	—	C	
529	MESSIER 4M4	Olive	...	...	...	20	—	C	
10920	5F9304	Panel, porous distributor, ribs 18-19, port (Pre-Mod. 872)				1	—	C	
	9F9304	Panel, porous distributor, ribs 18-19, port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12767	13F9304	Panel, porous distributor, ribs 18-19, port (Mod. 883)				1	—	C	
10921	6F9304	Panel, porous distributor, ribs 18-19, starboard (Pre-Mod. 872)				1	—	C	
	10F9304	Panel, porous distributor, ribs 18-19, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12768	14F9304	Panel, porous distributor, ribs 18-19, starboard (Mod. 883)				1	—	C	
9147	3F9305	Panel, porous distributor, ribs 2A-3A, port (Pre-Mod. 872)				1	—	C	
	50F9305	Panel, porous distributor, ribs 2A-3A, port (Mod. 872) (Pre-Mod. 883)				1	—	C	

SHACKLETON MK. 3

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>							
12769	68F9305					1	—	C	
9148	4F9305					1	—	C	
	51F9305					1	—		
12770	69F9305					1	—	C	
9149	5F9305					1	—	C	
	52F9305					1	—		
12771	70F9305					1	—	C	
9150	6F9305					1	—	C	
	53F9305					1	—		
12772	71F9305					1	—	C	
9151	7F9305					1	—	C	
	54F9305					1	—		
12773	72F9305					1	—	C	
9152	8F9305					1	—	C	
	55F9305					1	—		
12774	73F9305					1	—	C	
9153	9F9305					1	—	C	
	56F9305					1	—		
12775	74F9305					1	—	C	
9154	10F9305					1	—	C	
	57F9305					1	—		
12776	75F9305					1	—	C	
9155	11F9305					1	—	C	
	58F9305					1	—		
12777	76F9305					1	—	C	

SHACKLETON Mk. 3

## SERVICES

Page QC. 3

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. --- M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>							
9156	12F9305	Panel, porous distributor, ribs 9A-11A, starboard (Pre-Mod. 872)				1	—	C	
	59F9305	Panel, porous distributor, ribs 9A-11A, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12778	77F9305	Panel, porous distributor, ribs 9A-11A, starboard (Mod. 883)				1	—	C	
9157	13F9305	Panel, porous distributor, ribs 11A-13A, port (Pre-Mod. 872)				1	—	C	
	60F9305	Panel, porous distributor, ribs 11A-13A, port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12779	78F9305	Panel, porous distributor, ribs 11A-13A, port (Mod. 883)				1	—	C	
9158	14F9305	Panel, porous distributor, ribs 11A-13A, starboard (Pre-Mod. 872)				1	—	C	
	61F9305	Panel, porous distributor, ribs 11A-13A, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12780	79F9305	Panel, porous distributor, ribs 11A-13A, starboard (Mod. 883)				1	—	C	
9159	15F9305	Panel, porous distributor, ribs 13A-14B, port (Pre-Mod. 872)				1	—	C	
	62F9305	Panel, porous distributor, ribs 13A-14B, port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12781	80F9305	Panel, porous distributor, ribs 13A-14B, port (Mod. 883)				1	—	C	
9160	16F9305	Panel, porous distributor, ribs 13A-14B, starboard (Pre-Mod. 872)				1	—	C	
	63F9305	Panel, porous distributor, ribs 13A-14B, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12782	81F9305	Panel, porous distributor, ribs 13A-14B, starboard (Mod. 883)				1	—	C	
9161	17F9305	Panel, porous distributor, ribs 14B-16A, port (Pre-Mod. 872)				1	—	C	
	64F9305	Panel, porous distributor, ribs 14B-16A, port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12783	82F9305	Panel, porous distributor, ribs 14B-16A, port (Mod. 883)				1	—	C	
9162	18F9305	Panel, porous distributor, ribs 14B-16A, starboard (Pre-Mod. 872)				1	—	C	
	65F9305	Panel, porous distributor, ribs 14B-16A, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12784	83F9305	Panel, porous distributor, ribs 14B-16A, starboard (Mod. 883)				1	—	C	
9163	19F9305	Panel, porous distributor, ribs 16A-18, port (Pre-Mod. 872)				1	—	C	
	66F9305	Panel, porous distributor, ribs 16A-18 port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12785	84F9305	Panel, porous distributor, ribs 16A-18 port (Mod. 883)				1	—	C	

## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b>							
		Consisting of:—							
		<b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257)</b>							
		(Cont'd)							
9164	20F9305					1	—	C	
	67F9305					1	—		
12786	85F9305					1	—	C	
9165	11F9306					1	—	C	
	21F9306					1	—		
12787	31F9306					1	—	C	
9166	12F9306					1	—	C	
	22F9306					1	—		
12788	32F9306					1	—	C	
9167	13F9306					1	—	C	
	23F9306					1	—		
12789	33F9306					1	—	C	
9168	14F9306					1	—	C	
	24F9306					1	—		
12790	34F9306					1	—	C	
9169	15F9306					1	—	C	
	25F9306					1	—		
12791	35F9306					1	—	C	
9170	16F9306					1	—	C	
	26F9306					1	—		
12792	36F9306					1	—	C	
9171	17F9306					1	—	C	
	27F9306					1	—		
12793	37F9306					1	—	C	

SHACKLETON Mk. 3

## SERVICES

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## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257)</b> (Cont'd)							
9172	18F9306	Panel, porous distributor, ribs 29A-33, starboard (Pre-Mod. 872)				1	—	C	
	28F9306	Panel, porous distributor, ribs 29A-33, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12794	38F9306	Panel, porous distributor, ribs 29A-33, starboard (Mod. 883)				1	—	C	
9173	19F9306	Panel, porous distributor, ribs 33-37, port (Pre-Mod. 872)				1	—	C	
	29F9306	Panel, porous distributor, ribs 33-37, port (Mod. 872) (Pre-Mod. 883)				1	—	C	
12795	39F9306	Panel, porous distributor, ribs 33-37, port (Mod. 883)				1	—	C	
9174	20F9306	Panel, porous distributor, ribs 33-37, starboard (Pre-Mod. 872)				1	—	C	
	30F9306	Panel, porous distributor, ribs 33-37, starboard (Mod. 872) (Pre-Mod. 883)				1	—	C	
12796	40F9306	Panel, porous distributor, ribs 33-37, starboard (Mod. 883)				1	—	C	
11074	41F9305	PANEL, DE-ICING, INNER WING, NOSE, PORT, GROUP				1	—	C	
11075	42F9305	PANEL, DE-ICING, INNER WING, NOSE, STARBOARD, GROUP				1	—	C	
11076	43F9305	PANEL, DE-ICING, INNER WING, NOSE, PORT, GROUP				1	—	C	
11077	44F9305	PANEL, DE-ICING, INNER WING, NOSE, STARBOARD, GROUP				1	—	C	
	183/Z7728	PIPE, BULKHEAD ADAPTOR TO UNION ON 1/B ENGINE RIB, PORT $\frac{3}{4}$ " o/d x 22G x 5' 6", GROUP				1	DTD323A		
	184/Z7728	PIPE, FILTER TO UNION, ARCH RIB ON 1/B ENGINE RIB, PORT $\frac{3}{4}$ " o/d x 22G x 3' 8", GROUP				1	DTD323A		
	185/Z7728	PIPE, TANK FILLER SUMP, TO BULKHEAD ADAPTOR, CENTRE PORTION, PORT $\frac{3}{4}$ " o/d x 22G x 7' 11", GRP.				1	DTD323A		
	186/Z7728	PIPE, BULKHEAD ADAPTOR TO UNION ON 1/B ENGINE RIB, PORT $\frac{3}{4}$ " o/d x 22G x 5' 11", GROUP				1	DTD323A		

SHACKLETON Mk. 3

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SERVICES  
DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>							
	190/Z7728					1	DTD323A		
	191/Z7728					1	DTD323A		
	192/Z7728					2	DTD323A		
	193/Z7728					1	DTD323A		
	194/Z7728					1	DTD323A		
	195/Z7728					1	DTD323A		
	196/Z7728					1	DTD323A		
	108/Z7728					1	T55		
	109/Z7728					1	T55		
	110/Z7728					1	T55		
	187/Z7728					1	DTD323A		
	188/Z7728					1	DTD323A		
	189/Z7728								

SHACKLETON Mk. 3

SERVICES

DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>							
	111/Z7728	PIPE, BETWEEN DE-ICING PANELS, MID WING, STARBOARD $\frac{3}{8}$ " o/d x 22G x 3' 5", GROUP				1	T55		
	112/Z7728	PIPE, BETWEEN DE-ICING PANELS, MID WING, STARBOARD $\frac{3}{8}$ " o/d x 22G x 3' 7", GROUP				1	T55		
	113/Z7728	PIPE, BETWEEN DE-ICING PANELS AT O/B ENGINE, STARBOARD $\frac{3}{8}$ " o/d x 22G x 6' 10", GROUP				1	T55		
	114/Z7728	PIPE, BETWEEN DE-ICING PANELS, RIB 1 TO 6A, STARBOARD, $\frac{3}{8}$ " x 22G x 2' 7", GROUP				1	T55		
	115/Z7728	PIPE, BETWEEN DE-ICING PANELS, RIB 1 TO 6A, STARBOARD, $\frac{3}{8}$ " x 22G x 2' 3", GROUP				1	T55		
	116/Z7728	PIPE, FLANGED ADAPTOR TO JUNCTION BLOCK, ON FRONT SPAR CENTRE PORTION, WING, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 10' 5", GROUP				1	T55		
	212/Z7728	PIPE, FLANGED ADAPTOR AT FUSELAGE SIDE, PORT, TO FLANGED ADAPTOR AT FUSELAGE, STARBOARD, ALONG FRONT SPAR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 8' 7", GROUP				1	DTD323A		
	118/Z7728	PIPE, FLANGED ADAPTOR AT FUSELAGE SIDE TO JUNCTION BLOCK, AT FRONT SPAR, PORT, $\frac{3}{8}$ " o/d x 22G x 7' 0", GROUP							
	119/Z7728	PIPE, JUNCTION BLOCK TO ADAPTOR, FRONT SPAR, RIB 1 TO 6A, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 4' 3", GRP.				1	T55		
	120/Z7728	PIPE, ADAPTOR TO DE-ICING PANEL, FRONT SPAR, RIB 1 TO 6A, PORT $\frac{3}{8}$ " o/d x 22G x 2' 11", GROUP				1	T55		
	121/Z7728	PIPE, BETWEEN DE-ICING PANELS, RIB 1 TO 6A, PORT, $\frac{3}{8}$ " o/d x 22G x 2' 5", GROUP				1	T55		
	122/Z7728	PIPE, BETWEEN DE-ICING PANELS, AT O/B, ENGINE PORT, $\frac{3}{8}$ " o/d x 22G x 6' 10", GROUP				1	T55		

SHACKLETON Mk. 3

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illustr'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>							
	123/Z7728				PIPE, BETWEEN DE-ICING PANELS, MID-WING, PORT, $\frac{3}{8}$ " o/d x 22G x 2' 9", GROUP	1	T55		
	124/Z7728				PIPE, BETWEEN DE-ICING PANELS, MID-WING, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 5", GROUP	1	T55		
	125/Z7728				PIPE, BETWEEN DE-ICING PANELS, MID-WING, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 0", GROUP	1	T55		
	126/Z7728				PIPE, BETWEEN DE-ICING PANELS, MID-WING, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 2", GROUP	1	T55		
	127/Z7728				PIPE, BETWEEN DE-ICING PANELS, MID-WING, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 4", GROUP	1	T55		
	130/Z7728				PIPE, BETWEEN DE-ICING PANELS, OUTER WING, PORT & STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 10", GROUP	2	T55		
	131/Z7728				PIPE, BETWEEN DE-ICING PANELS, OUTER WING, PORT & STARBOARD, $\frac{3}{8}$ " o/d x 22G x 3' 5", GROUP	2	T55		
	132/Z7728				PIPE, BETWEEN DE-ICING PANELS, OUTER WING, PORT & STARBOARD, $\frac{3}{8}$ " o/d x 22G x 3' 5", GROUP	2	T55		
	133/Z7728				PIPE, BETWEEN DE-ICING PANELS, OUTER WING, PORT & STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 9", GROUP	2	T55		
	202/Z7728				PIPE, UNION TO UNION, FORWARD OF FORMER 37, $\frac{3}{8}$ " o/d x 22G x 7' 1", GROUP	1	DTD323A		
	203/Z7728				PIPE, UNION TO UNION, FORWARD OF FORMER 37, $\frac{3}{8}$ " o/d x 22G x 6' 7", GROUP	1	DTD323A		
	204/Z7728				PIPE, UNION TO FLANGED ADAPTOR AT FORMER 37, $\frac{3}{8}$ " o/d x 22G x 3' 11", GROUP	1	DTD323A		
	205/Z7728				PIPE, UNION TO FLANGED ADAPTOR AT FORMER 37, $\frac{3}{8}$ " o/d x 22G x 7' 1", GROUP	1	DTD323A		

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## SERVICES

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## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
<b>DE-ICING, SYSTEM ASSEMBLIES</b>									
Consisting of:—									
<b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>									
	206/Z7728					1	DTD323A		
	207/Z7728					1	DTD323A		
	208/Z7728					1	DTD323A		
	209/Z7728					1	DTD323A		
	154/Z7728					2	T55		
	155/Z7728					1	T55		
	156/Z7728					1	T55		
12628	223/Z7728					1	T55	C	
10542	135/Z7728					1	T55	C	
	136/Z7728					1	T55		
	137/Z7728					1	T55		
	138/Z7728					1	T55		
	139/Z7728					1	T55		

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.P.	and Illust'n No.
		1 2 3 4				
		<b>DE-ICING, SYSTEM ASSEMBLIES</b> Consisting of:— <b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>				
	198/Z7728	PIPE ADAPTOR AT FORMER 22 TO ADAPTOR BETWEEN FORMERS 23 & 24, PORT, $\frac{3}{8}$ " o/d x 22G x 5' 6", GROUP	1	DTD323A		
	199/Z7728	PIPE ADAPTOR AT FORMER 22 TO ADAPTOR BETWEEN FORMERS 23 & 24, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 4' 6", GROUP	1	DTD323A		
	200/Z7728	PIPE ADAPTOR AT FORMER 29 TO UNION AFT OF FORMER 29, $\frac{3}{8}$ " o/d x 22G x 8' 6", GROUP	1	DTD323A		
	201/Z7728	PIPE ADAPTOR AT FORMER 29 TO UNION AFT OF FORMER 29, $\frac{3}{8}$ " o/d x 22G x 8' 4", GROUP	1	DTD323A		
	210/Z7728]	PIPE, ADAPTOR AT REAR SPAR TO ADAPTOR AT FORMER 22, BOMB BAY, $\frac{3}{8}$ " o/d x 22G x —, GROUP	1	DTD323A		
	211/Z7728	PIPE, ADAPTOR AT REAR SPAR TO ADAPTOR AT FORMER 22 IN BOMB BAY, $\frac{3}{8}$ " o/d x 22G x —, GROUP	1	DTD323A		
14193	144/Z5069	PIPE UNION AT TAILPLANE TO UNION FIN, PORT & STARBOARD, $\frac{1}{2}$ " o/d x 22G x 2' 10", GROUP	2	—	C	
14194	145/Z5069	PIPE UNION TO UNION, ALONG TAILPLANE, PORT & STARBOARD, $\frac{3}{4}$ " o/d x 22G x 5' 5", GROUP	2	—	C	
	146/Z5069	PIPE, UNION TO UNION, ALONG TAILPLANE, PORT & STARBOARD, $\frac{1}{2}$ " o/d x 22G x 7' 10", GROUP	2	—		
14195	147/Z5069	PIPE UNION, TAILPLANE TO TEE PIECE, REAR PORTION, PORT AND STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 9", GROUP	2	—	C	
7971	168/Z5069	PIPE ELEMENT INTERCONNECTION, PORT & STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 4", GROUP	2	—	C	
	169/Z5069	PIPE, TOP INSERT TO TAILPLANE, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 7' 10", GROUP	1	—		
7972	178/Z5069	PIPE, TOP INSERT TO TAILPLANE, PORT, $\frac{1}{2}$ " o/d x 22G x 8' 1", GROUP	1	—	C	
	DUNLOP 6/N14/261/8/8/15	Pipe, flexible from pump to filter unit front spar, centre section (Mod. 951)	4	—	B	

SHACKLETON Mk. 3

SERVICES

DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>DE-ICING, SYSTEM ASSEMBLIES</b>									
Consisting of:—									
<b>DE-ICING, MAINPLANE, TAILPLANE, AND FINS, T.K.S. SYSTEM (Z7728) (Q1935) (Q1941) (Q1951) (Q1953) (Q2056) (F9257) (Cont'd)</b>									
5UE/	XA/9500	Pump, 6 unit w/pressure 75 lbs. ... ..				1	—	A	
6536	28/SS3557	Tee-piece, 1/4" x 1/4" x 3/8" B.S.P. ... ..				2	—	C	
12802	N63	Tube, metering, for porous panel between ribs 2A and 3A (Mods. 872-883)				1	—	C	
12801	N61	Tube, metering, for porous panel between ribs 3A and 14B (Mods. 872-883)				1	—	C	
12808	N74	Tube, metering, for porous panel between ribs 4B and 6A (Mods. 872-883)				1	—	C	
12798	N46	Tube, metering, for porous panel between ribs 8A and 9A (Mods. 872-883)				1	—	C	
12809	N75	Tube, metering, for porous panel between ribs 9A and 11A (Mods. 872-883)				1	—	C	
12807	N73	Tube, metering for porous panel between ribs 11A and 13A (Mods. 872-883)				1	—	C	
12806	N71	Tube, metering, for porous panel between ribs 13A and 14B (Mods. 872-883)				1	—	C	
12804	N68	Tube, metering, for porous panel between ribs 14B and 16A (Mods. 872-883)				1	—	C	
12803	N66	Tube, metering, for porous panel between ribs 16A and 18, 26 and 29A and 29 and 33 (Mods. 872-883)				3	—	C	
12797	N30	Tube, metering, for porous panel between ribs 18 and 19 (Mods. 872-883)				1	—	C	
12799	N59	Tube, metering, for porous panel between ribs 19 and 22 (Mods. 872-883)				1	—	C	
12805	N69	Tube, metering, for porous panel between ribs 22 and 26 (Mods. 872-883)				1	—	C	
12800	N60	Tube, metering, for porous panel between ribs 33 and 37 (Mods. 872-883)				1	—	C	
530	MESSIER 7M4	Union ... ..				10	—	C	
28F/9704	AGS/1102/B	Union ... ..				10	—	C	
28F/9705	AGS1102/C	Union ... ..				10	—	C	
28F/11948	AGS1106/C	Union ... ..				1	—	C	
28F/11958	AGS1186/C	Washer, sealing ... ..				6	—	C	

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>DE-ICING SYSTEM, PROPELLER AND AUXILIARY TANK (Z7738 Sheet 3) (Q1935) (Q1936)</b>							
		Spares for:—							
28F/10785	4SS4295	Adaptor, flanged	...	...	...	4	—		
28F/10486	AGS1145/A	Adaptor, $\frac{3}{8}$ " on rear spar, starboard	...	...	...	1	—	C	
28F/10799	AGS1145/C	Adaptor, $\frac{3}{8}$ " B.S.P.	...	...	...	4	—	C	
28F/12957	AGS1129/C	Banjo, cone, single, $\frac{3}{8}$ " on front spar, port	...	...	...	1	—		
	AGS1214/C	Bolt, banjo, on front spar, port	...	...	...	1	—		
		<b>DE-ICING ON AFT FACE OF IN-BOARDENGINEBULKHEAD(12Q1993)</b>							
		Spares for:—							
1991	3Z3463	Bracket, pump, inboard	...	...	...	1	DTD281	C	
1992	4Z3463	Bracket, pump, outboard	...	...	...	1	DTD281	C	
	329V6831	<b>CABLE, SUPPRESSOR TO PUMP, GROUP</b>				1	—		
	1SS3687	Cleat	...	...	...	4	—		
13457	4SS3859	Clip, overflow and hydraulic jettison pipe	...	...	...	4	—	C	
	11Q1993	<b>FAIRLEAD, FLOATING, GROUP</b>				1	—		
	TKS.								
	W26310	Filter	...	...	...	1	—		
	13Q1993	<b>MANIFOLD, GROUP</b>	...	...	...	1	—		
	DUNLOP								
	DH125B/16.5	Pipe, flexible pump to filter	...	...	...	1	—		
	63Q1938	<b>PIPE, TANK, OVERFLOW, FROM ADAPTOR, <math>\frac{3}{4}</math>" o/d x 22G x 46" LONG, GROUP (Mod. 654)</b>				1	DTD323A		
	61Q1938	<b>PIPE, PUMP VENT, <math>\frac{3}{8}</math>" o/d x 22G x 36" LONG, GROUP (Mod. 654)</b>				1	DTD323A		
12337	67Q1938	<b>PIPE, ADAPTOR TO FILTER, <math>\frac{3}{4}</math>" o/d x 22G x 22" LONG, GROUP (Mod. 654)</b>				1	DTD323A	C	
10009	24Q1938	<b>PIPE, TANK, OVERFLOW, FROM ADAPTOR, GROUP (Pre-Mod. 654)</b>				1	L56	C	
10022	22Q1938	<b>PIPE, PUMP VENT, GROUP (Pre-Mod. 654)</b>				1	L56	C	
10023	28Q1938	<b>PIPE, ADAPTOR TO FILTER, GRP. (Pre-Mod. 654)</b>				1	L56	C	
	216Z7728	<b>PIPE, PUMP (3) TO MANIFOLD, GROUP (Mod. 688)</b>				1	DTD323A		
	217Z7728	<b>PIPE, PUMP (1) TO MANIFOLD, GROUP (Mod. 688)</b>				1	DTD323A		
	218Z7728	<b>PIPE, MANIFOLD TO OUTER ADAPTOR, GROUP (Mod. 688)</b>				1	DTD323A		
	219Z7728	<b>PIPE, MANIFOLD TO INNER ADAPTOR, GROUP (Mod. 688)</b>				1	DTD323A		
	220Z7728	<b>PIPE, PUMP (5) TO MANIFOLD, GROUP (Mod. 688)</b>				1	DTD323A		
28F/	AGS1197/BB	Plug, blanking, at pump	...	...	...	5	—	C	
	T.K.S.								
	W28000/11	Pump, de-icing (Mod. 688)	...	...	...	1	—		
2696	15Q1392	Strut, outboard pump bracket support	...	...	...	1	T45	C	
2697	16Q1392	Strut, inboard pump bracket	...	...	...	1	T45	C	
5CY/2866	—	Suppressor, type B.4	...	...	...	1	—	A	

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SERVICES

DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING SYSTEM, PROPELLER AND AUXILIARY TANK (Z7738) Sheet 3) (Q1935) (Q1936) (Cont'd)</b>							
		<b>MOUNTING, DE-ICING TANK IN MAINPLANE, STARBOARD (Z7852)</b>							
		Spares for:—							
28F/10488	AGS1146/F	Adaptor, 3/4"				1	—	C	
	4SS3742	<b>COUPLING, VENT PIPE, GROUP</b>				1	—		
		Consisting of:—							
	16SS3742	Bonding				1	—		
28E/10154	AGS605/00	Clip				2	—		
	4aSS3742	Hose, P.R. 3/4" I/d x 1 1/2" long				1	DTD625A		
	DUNLOP								
	DH/125B/15	Hose, flexible, 15" long				1	—		
28F/10490	AGS1148/F	Nut, for adaptor				1	—	C	
	11Z7851	<b>PIPE, VENT, GROUP</b>				1	—		
13153	2SS1945	Screw, adjusting				2	S2		
9922	2Z7851	<b>STRAP, TANK, GROUP</b>				2	—		
		Spares for:—							
2234	7SS1944	Crosshead				1	—	C	
9923	3Z7851	<b>STRAP, TANK, GROUP</b>				2	—	C	
		Spares for:—							
1986	8SS1944	Crosshead				1	—	C	
	4Z7851	<b>STRUT, MOUNTING, GROUP</b>				4	—		
		Consisting of:—							
28D/12630	A25/19C	Bolt, hex. hd., 2 B.A.				1	—	C	
	13F5029	Collar				1	S1		
	4bZ7851	Collar				1	S1		
28M/10288	AGS2001/C1	Nut, stiff, 2 B.A.				1	—	C	
28P/16085	SP/28/N16	Pin, taper				1	—	C	
	4aZ7851	Tube				1	DTD464		
28W/14181	AS1903/C12	Washer, saddle				2	—	C	
9236	1Z7942	<b>TANK, DE-ICING, GROUP</b>				1	—	B	
		(See:—Tanks—De-icing)							
28F/11081	AGS1149/6	Washer, for adaptor				2	—	C	

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING SYSTEM, PROPELLER AND AUXILIARY TANK (Z7728 Sheet 3) (Q1935) (Q1936) (Cont'd)</b>							
28F/10491	AGS1148/A	Nut, thin, $\frac{1}{4}$ " B.S.P., for adaptor on rear spar, starboard				1	—	C	
28F/10108	AGS1148/C	Nut, thin, $\frac{1}{4}$ " B.S.P. ... ..				4	—	C	
28F/10490	AGS1148/F	Nut, thin, $\frac{1}{4}$ " B.S.P., for union aft of front spar, starboard							
	79Q1938	PIPE, DE-ICING TANK TO UNION, STARBOARD, GROUP				1	DTD323A		
	54Q1938	PIPE, UNION TO ADAPTOR ON REAR SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 61" LONG, GROUP				1	DTD323A		
	62Q1938	PIPE, PUMP, VENT, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 98" LONG, GROUP				1	DTD323A		
	55Q1938	PIPE, OVERFLOW, TANK TO ADAPTOR ON REAR SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 22G, GROUP				1	DTD323A		
	47Q1938	PIPE, INNER ADAPTOR ON REAR SPAR TO INNER ADAPTOR ON FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 11' 6" LONG, GROUP				1	DTD323A		
	48Q1938	PIPE, OUTER ADAPTOR ON REAR SPAR TO OUTER ADAPTOR ON FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 11' 7" LONG, GROUP				1	DTD323A		
	76Q1938	PIPE, AFT STARBOARD ADAPTOR TO AFT PORT ADAPTOR IN FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 98" LONG, GRP.				1	DTD323A		
	75Q1938	PIPE, FORWARD STARBOARD ADAPTOR TO FORWARD PORT ADAPTOR IN FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 98" LONG, GROUP				1	DTD323A		
	73Q1938	PIPE, INNER ADAPTOR ON FRONT SPAR TO ADAPTOR AT FUSELAGE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 92" LONG, GROUP				1	DTD323A		
	74Q1938	PIPE, OUTER ADAPTOR ON FRONT SPAR TO ADAPTOR AT FUSELAGE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 81" LONG, GROUP				1	DTD323A		
	226Z7728	PIPE, ADAPTOR ON FRONT SPAR TO ADAPTOR AT FUSELAGE, PORT, $\frac{3}{8}$ " o/d x 22G, GROUP				1	DTD323A		

SHACKLETON Mk. 3

**SERVICES  
DE-ICING**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING SYSTEM, PROPELLER AND AUXILIARY TANK (Z7728 Sheet 3) (Q1935) (Q1936) (Cont'd)</b>							
	224Z7728	<b>PIPE, AFT ADAPTOR AT FUSELAGE TO MANIFOLD, PORT, GROUP</b>				1	DTD323A		
	225Z7728	<b>PIPE, MANIFOLD TO ADAPTOR ON FRONT SPAR, PORT, GROUP</b>				1	DTD323A		
	DUNLOP DH123B/15	<b>Pipe, flexible, adaptor on front spar to tank, port</b>				1	—		
28F/12076	DUNLOP DH125B/15 AGS1114/C	<b>Pipe, flexible, at starboard, tank ... ..</b>				1	—		
28F	AGS1114/F	<b>Sleeve, screwed and flanged, on front spar, port</b>				1	—	C	
28F/11736	AGS1115/5	<b>Sleeve, screwed and flanged, on rear spar, starboard</b>				1	—	C	
28F/16961	AGS1115/9	<b>Washer, plate, for adaptor on front spar, port</b>				1	—	C	
28F/11958	AGS1186/C	<b>Washer, plate, for adaptor on rear spar, starboard</b>				1	—	C	
		<b>Washer, sealing adaptor on front spar, port</b>				1	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	

SHACKLETON Mk. 3

SERVICES

DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, WINDSCREEN SYSTEM (Q1943) (Q2012) (Q2045)</b>							
		Spares for:—							
9483	1SS4295	Adaptor, 1/4" B.S.P.	...	...	...	5	—	C	
28F/9708	AGS/1104/B SAUNDERS 102AA.O.1	Adaptor	...	...	...	2	—	C	
	42Q1949	Cock, de-icing, between formers E & F (Mod. 772)	...	...	...	1	—		
		Fairlead, half, below tank (Mod. 772)	...	...	...	2	BS2572		
		<b>INSTALLATION OF WATER AND DE-ICING SPRAY AT PILOT'S WINDSCREEN (Q2006)</b>							
		Spares for:—							
	6Q2006	Cover, spray, manifolds	...	...	...	2	L72		
10653	26Q1943	<b>MANIFOLD, STARBOARD, GROUP</b>				1	—	C	
10654	27Q1943	<b>MANIFOLD, CENTRE, GROUP</b>				1	—	C	
10656	28Q1943	<b>MANIFOLD, PORT, GROUP</b>				1	—	C	
10843	5Q2006	Nozzle, centre spray	...	...	...	1	—	C	
11281	2Q2006	<b>PIPE, SPRAY, STARBOARD, GRP.</b>				1	—	C	
		Spares for:—							
	51Q2006	Cover, pipes	...	...	...	1	L72		
10839	244Q1916	Pipe, water, c/w nozzle	...	...	...	1	DTD323	C	
10841	61Q1943	Pipe, de-icing, c/w nozzle	...	...	...	1	DTD323	C	
	20Q2006	Seating, pipe	...	...	...	1	DTD423B		
11282	3Q2006	<b>PIPE, SPRAY, PORT, GROUP</b>				1	—	C	
		Spares for:—							
	50Q2006	Cover, pipes	...	...	...	1	L72		
10840	243Q1916	Pipe, water, c/w nozzle	...	...	...	1	DTD323	C	
	63Q1943	Pipe, de-icing, c/w nozzle	...	...	...	1	DTD323		
	19Q2006	Seating, pipe	...	...	...	1	DTD432B		
10842	62Q1943	Pipe, de-icing, c/w nozzle from centre manifold	...	...	...	1	DTD323	C	

## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St.	
		<b>DE-ICING, WINDSCREEN SYSTEM (Q1943) (Q2012) (Q2045) (Cont'd)</b>							
		<b>INSTALLATION OF GUNNER'S AND BOMB AIMER'S DE-ICING AND WATER SPRAYS (Q2016)</b>							
		Spares for :—							
2433	SS3859	Clip, bonded ... ..				1	—	C	
	2Q2016	Cover, pipe on bomb aimer's window ...				1	L72		
	1SS3530	Grommet, for pipe through skin ...				2	—		
	216Q1916	Pipe, water, trough to elbow, $\frac{3}{8}$ " o/d x 22G x 18"				1	DTD323		
	217Q1916	Pipe, water, elbow to union, $\frac{3}{8}$ " o/d x 22G x 10"				1	DTD323		
	218Q1916	Pipe, water, union to union, $\frac{3}{8}$ " o/d x 22G x 16"				1	DTD323		
	219Q1916	Pipe, water, union to spray, $\frac{3}{8}$ " o/d x 22G x 10 $\frac{1}{2}$ "				1	DTD323		
	4SS3742	<b>COUPLING, VENT, PIPE, GROUP</b>				1	—		
		Consisting of :—							
	16SS3742	Bonding ... ..				1	—		
28E/10154	AGS605/00	Clip ... ..				2	—		
	4aSS3742	Hose, P.R. $\frac{3}{8}$ " i/d x 1 $\frac{3}{4}$ " long ... ..				1	DTD625A		
		<b>PIPES, BOMB AIMER'S DE-ICING (Q2015)</b>							
		Spares for :—							
10660	5Q2015	Cover, trough ... ..				1	L72	C	
10662	4Q2015	<b>PIPE, GROUP...</b>				1	—		
		Consisting of :—							
	10Q2015	Block, adaptor ... ..				1	BS1400		
28F/6344	AGS952/A	Collar ... ..				2	—	C	
	14Q2015	Pipe, $\frac{3}{8}$ " o/d x 22G x 32 $\frac{1}{2}$ " ... ..				1	DTD323		
	15Q2015	Pipe, $\frac{3}{8}$ " o/d x 22G x 30 $\frac{1}{4}$ " ... ..				1	DTD323		
28F/5721	AGS904/A	Sleeve, outer ... ..				2	—	C	
10661	6Q2015	Trough, piping ... ..				1	L65		
		<b>PIPES, GUNNER'S DE-ICING (Q2011)</b>							
		Spares for :—							
	15Q2011	Bracket, pipe, spacer ... ..				1	L65		
	16Q2011	Clip, spacer bracket ... ..				1	L72		
10658	2Q2011	<b>PIPE, SPRAY, GROUP</b>				1	—	C	
		Consisting of :—							
	3Q2011	Adaptor, bottom ... ..				1	BS1400		
	5Q2011	Adaptor, top ... ..				1	BS1400		
	4Q2011	Bracket, pipe stand ... ..				5	S21		
28F/6344	AGS952/A	Collar, pipe ... ..				1	L65	C	
4846	4Q1734	Nozzle ... ..				1	DTD364	C	
	12Q2011	Pipe, $\frac{3}{8}$ " o/d x 22G x 9" ... ..				1	DTD323		
	13Q2011	Pipe, $\frac{3}{8}$ " o/d x 22G x 42" ... ..				1	DTD323		
28F/5721	AGS904/A	Sleeve, outer ... ..				2	—	C	
12987	1Z9585	<b>SPRAY, BOMB AIMER'S, GROUP</b>				1	—	C	
10664	29Q1943	<b>MANIFOLD, AT FORMER "F", GRP.</b>				1	—	C	
	54Q1914	<b>MANIFOLD, AT NOSEWHEEL DOOR JACK, GROUP</b>				1	—	C	

SHACKLETON Mk. 3

SERVICES

DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, WINDSCREEN SYSTEM (Q1943) (Q2012) (Q2045) (Z8163) (Cont'd)</b>							
		<b>MOUNTING, VISION DE-ICING TANK BETWEEN FORMERS E &amp; F (Z9913) (Mod. 772)</b>							
		Spares for :—							
14481	26Z9913	ANGLE, DRIP TRAY, GROUP ...				1	—		
14482	27Z9913	ANGLE, DRIP TRAY, GROUP ...				1	—		
14483	28Z9913	ANGLE, DRIP TRAY, GROUP ...				1	—		
14484	29Z9913	BRACKET, DRIP TRAY, GROUP ...				1	—		
	8Z9913	BRACKET, AFT, GROUP ...				1	—		
	2Z9913	CRADLE, FORWARD, GROUP ...				1	—		
	3Z9913	CRADLE, AFT, GROUP ...				1	—		
	4Z9913	CRADLE, SIDE, GROUP ...				1	—		
5K/ 14480	SP40/A8 25Z9913	Grommet, stub pipe ...				1	—	C	
	31Z9913	Pipe, stub, flanged ...				1	—		
14479	24Z9913	Seal, stub pipe ...				1	Neoprene		
		Slipper, turnbuckle ...				2	—		
14475	15Z9913	STRAP, TOP FORWARD, GROUP				1	—		
14476	16Z9913	STRAP, BOTTOM FORWARD, GRP.				1	—		
14477	17Z9913	STRAP, BOTTOM AFT, GROUP ...				1	—		
14478	18Z9913	STRAP, TOP AFT, GROUP ...				1	—		
14487	1Z9887	TANK, DE-ICING, GROUP ... (See :—Tanks—De-icing)				1	—		
14485	30Z9913	TRAY, DRIP, GROUP ...				1	—		
28u/4052	SP8Y/2	Turnbuckle...				2	—	C	

SHACKLETON Mk. 3

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## SERVICES

## DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plans and Illustr'n No.
		1	2	3	4			M.R.	
		<b>DE-ICING, WINDSCREEN SYSTEM (Q1943) (Q2012) (Q2045) (8163) (Cont'd)</b>							
14453	64Q1943				Pipe, $\frac{3}{8}$ " o/d x 22G, drain from tee below tank (Mod. 772)	1	DTD323		
	69Q1943				PIPE, $\frac{1}{8}$ " o/d x 22G, CONTROL VALVE TO UNION, GROUP (Mod. 772)	1	DTD323		
	42Q1943				PIPE, MANIFOLD TO MANIFOLD THROUGH TROUGH BETWEEN FORMERS "E" & "F", $\frac{3}{8}$ " o/d x 22G x 12", GROUP	1	DTD323		
	43Q1943				PIPE, UNION TO FLANGED ADAPTOR AT FORMER "F", $\frac{3}{8}$ " o/d x 22G x 45", GROUP	1	DTD323		
	67Q1943				PIPE, MANIFOLD TO FLANGED ADAPTOR AT FORMER "F", $\frac{3}{8}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
	68Q1943				PIPE, MANIFOLD TO CONTROL VALVE, AFT OF FORMER "F", $\frac{3}{8}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
14454	70Q1943				PIPE, UNION AFT OF FORMER "K" TO FLANGED ADAPTOR, FORMER "F", $\frac{3}{8}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
14455	71Q1943				PIPE, UNION, AFT OF FORMER "K" TO FLANGED ADAPTOR, FORMER "F", $\frac{3}{8}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
	48Q1943				PIPE, MANIFOLD TO FLANGED ADAPTOR AT FORMER "F", $\frac{3}{8}$ " o/d x 22G x 43", GROUP	1	DTD323		
	49Q1943				PIPE, MANIFOLD TO UNION ABOVE 2nd PILOT'S FLOOR, $\frac{3}{8}$ " o/d x 22G x 33", GROUP	1	DTD323		
	50Q1943				PIPE, BETWEEN PORT AND STARBOARD MANIFOLDS, THROUGH TROUGH, $\frac{3}{8}$ " o/d x 22G x 20", GROUP	1	DTD323		
	52Q1943				PIPE, ADAPTOR TO MANIFOLD THROUGH TROUGH BETWEEN FORMERS "E" & "F", GROUP	1	DTD323		
	53Q1943				PIPE, CONTROL VALVE TO MANIFOLD, AFT OF FORMER "F" IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 8", GROUP	1	DTD323		
	55Q1943				PIPE, UNION TO CONTROL VALVE BOMB AIMER'S WINDOW, $\frac{3}{8}$ " o/d x 22G x 13", GROUP	1	DTD323		
	56Q1943				PIPE, UNION TO CONTROL VALVE GUNNER'S WINDOW, $\frac{3}{8}$ " o/d x 22G x 17", GROUP	1	DTD323		

SHACKLETON Mk.

SERVICES

DE-ICING

Ref. No.	Part No.	Description	No. off	Mati. Spec.	Cl. of	Plate
					St.	and
					M.R.	Illust'n
			1	2	3	4
<b>DE-ICING, WINDSCREEN SYSTEM</b> (Q1943) (Q2012) (Q2045) (Z1863) (Cont'd)						
	57Q1943	PIPE, UNION TO BOMB AIMER'S WINDOW DE-ICING PIPE, $\frac{3}{16}$ " o/d x 22G x 8", GROUP	1	DTD323		
	65Q1943	PIPE, DE-ICING TANK TO FILTER, $\frac{1}{4}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
	66Q1943	PIPE, FILTER TO MANIFOLD AT FORMER "K", $\frac{1}{4}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323		
	58Q1943	PIPE, DE-ICING COUPLING TO GUNNER'S WINDOW, $\frac{3}{16}$ " o/d x 22G x 11" LONG, GROUP	1	DTD323A		
	72Q1943	PIPE, DE-ICING WINDSCREEN FROM MANIFOLD TO FLANGED ADAPTOR FOR BOMB AIMER'S AND GUNNER'S WINDOW AT FORMER "K" IN NOSE, $\frac{3}{16}$ " o/d x 22G x 3' 1" LONG, GROUP	1	DTD323A		
	73Q1943	PIPE, DE-ICING WINDSCREEN, FROM COCK TO DE-ICING TANK, $\frac{1}{4}$ " o/d x 22G x 9" LONG, GROUP	1	DTD323A		
	74Q1943	PIPE, DE-ICING WINDSCREEN, FROM HOSE CONNECTOR ON TANK TO ADAPTOR, TEE-PIECE, $\frac{3}{8}$ " o/d x 22G x 9" LONG, GROUP	1	DTD323A		
	75Q1943	PIPE, DE-ICING WINDSCREEN FROM TEE-PIECE TO COCK, $\frac{1}{4}$ " o/d x 22G x 3" LONG, GROUP	1	DTD323A		
	76Q1943	PIPE, DE-ICING WINDSCREEN, FROM FILTER TO ELBOW, $\frac{1}{4}$ " o/d x 22G x 11" LONG, GROUP	1	DTD323A		
27VA/4590	DUNLOP AC/112013	Tap, electromatic, single ... ..	3	—		A
28F/	AGS/1120/3	Tee-piece, below tank ... ..	1	—		C
10665	6Z7776	UNIT, FILTER, GROUP ... ..	1	—		C
		Consisting of:—				
28F/9708	AGS1104/B	Adaptor, $\frac{1}{4}$ " o/d ... ..	2	—		C
27U/277	E37 $\frac{1}{2}$ /31606	Filter, Vokes ... ..	1	—		A
28F/9428458	AGS1186/B	Seal, bonded ... ..	2	—		C
<b>WATER SYSTEM FOR WINDSCREEN DE-ICING</b> (See:—Services—Pneumatic Fresh Water and Humidity)						



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SERVICES  
DE-ICING

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>MOUNTING, MAINPLANE, DE-ICING TANK AND FILTERS, PORT, IN CENTRE PORTION FUSELAGE (10Z7851)</b>									
Spares for :—									
28F/10410	AGS1104/C	Adaptor, $\frac{3}{8}$ " BSP.	...	...	...	3	DTD423	C	
28F/10110	AGS1105/C	Adaptor, for flexible hose	...	...	...	2	DTD423	C	
28F/10799	AGS1129/C	Banjo, $\frac{3}{8}$ " BSP.	...	...	...	1	DTD423	C	
28D/12513	A25/2C	Bolt, 2 BA.	...	...	...	49	—	C	
28D/12531	A25/3C	Bolt, 2 BA, filter attachment	...	...	...	4	—	C	
28F/9730	AGS1135/C	Bolt, banjo, $\frac{3}{8}$ " BSP.	...	...	...	3	DTD423	C	
	5/Z7851	Bush, special, for filter mounting	...	...	...	4	S1		
	7/Z7851	<b>BLOCK, JUNCTION, GROUP</b>	...	...	...	2	—		
Consisting of :—									
28F/10410	AGS1104/C	Adaptor, $\frac{3}{8}$ " BSP.	...	...	...	2	DTD423	C	
28F/10799	AGS1129/C	Banjo, $\frac{3}{8}$ " BSP.	...	...	...	1	DTD423	C	
28F/9730	AGS1135/C	Bolt, banjo, $\frac{3}{8}$ " BSP.	...	...	...	1	DTD423	C	
	7a/Z7851	Block	...	...	...	1	—		
28F/11958	AGS1186/C	Washer, sealing	...	...	...	3	—	C	
	328/V6831	Cable, assembly, for pump	...	...	...	1	—		
	4/SS3742	<b>COUPLING, PIPE, OVERFLOW, GROUP</b>	...	...	...	1	—		
Consisting of :—									
28E/10154	1b/SS3742	Bonding	...	...	...	1	L16		
	AGS605/00	Clip	...	...	...	2	—	C	
	4a/SS3742	Hose, P.R. $\frac{3}{8}$ " I/d x $1\frac{1}{2}$ " long	...	...	...	1	DTD625A		
	TKS. FJ/2653	Filter, unit	...	...	...	2	—		
	DUNLOP	Hose, flexible (Mod. 951)	...	...	...	4	—	B	
27VA/28M/10288	6/VV14/261/8/8/15	Nut, stiff, 2 BA.	...	...	...	49	—	C	
	AGS2001/C/1	Pipe, vent, $\frac{1}{4}$ " o/d x 20G	...	...	...	1	L56		
	1/Z7851	Pump	...	...	...	1	—	A	
5UE/6216	TKS. XA/9500/120	<b>STRAP, TANK MOUNTING, GROUP</b>	...	...	...	2	—	C	
9922	2/Z7851	Spares for :—	...	...	...	1	S1	C	
2234	7/SS1944	Crosshead, R/H.	...	...	...	1	S1	C	
9923	3/Z7851	<b>STRAP, TANK MOUNTING, GROUP</b>	...	...	...	2	—	C	
		Spares for :—	...	...	...	1	S1	C	
1986	8/SS1944	Crosshead, L/H.	...	...	...	1	S1	C	
13153	2/SS1945	Screw, adjusting, for straps	...	...	...	2	S2	C	

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SERVICES  
DE-ICING

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
<b>MOUNTING, MAINPLANE, DE-ICING TANK AND FILTERS, PORT, IN CENTRE PORTION FUSELAGE (10Z7851) (Cont'd)</b>						
	4/Z7851	<b>STRUT, MOUNTING, GROUP</b> ...	4	—		
		Consisting of :—				
28D/12630	A25/19C	Bolt, 2 BA. ...	1	—		C
	13/F5029	Collar ...	1	S1		
	4b/Z7851	Collar ...	1	S1		
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA. ...	1	—		C
28P/16085	SP28/N16	Pin, taper ...	1	S1		C
	4a/Z7851	Tube ...	1	DTD464		
28W/14181	AS1903/C12	Washer, saddle ...	2	—		C
12646	13/Z7941	<b>TANK, WING, DE-ICING, GROUP</b> ...	1	—		B
		(See :—Tanks, De-icing)				
28F/11958	AGS1186/C	Washer, sealing ...	11	—		C
28W/11252	SP13/C	Washer, 2 BA....	50	—		C

SERVICES—DE-ICING

SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
5UE	3092	1	28F	10248	2			
5UE	3130	1	28F	10410	11			
5UE	4946	1	28F	10486	19			
5UE	XA/9500	2	28F	10798	1			
5UE	Z7152/3	1	28F	10799	7			
			28F	11948	1			
			28F	11958	18			
			28F	12047	8			
27Q	D3371Y	1	28F	12048	7			
			28F	12076	4			
			28F	12147	1			
27U	277	2	28F	14529	4			
27VA	4950	3						
27VA	DH122A/15	4	28M	10288	116			
27VA	DH125B/15	1	28M	12153	8			
27VA	DH125B/16".5	1	28M	SP28/N16	1			
28D	8344	2	28R	6856	1			
28D	1255	3						
28D	12513	100						
28D	12514	2						
28D	12515	2	28S	2826	2			
28D	12516	4	28S	2856	5			
28D	12531	4	28S	2869	8			
28D	12630	2						
			28W	11252	50			
28F	8235	6	28W	12245	8			
28F	9703	2	28W	12252	14			
28F	9705	10	28W	12696	2			
28F	9708	9						
28F	9714	12						
28F	9730	10						
28F	9838	7						
28F	10018	1						
28F	10110	2						

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Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	

SERVICES

DRY AIR SANDWICH WINDSCREEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>DRY AIR SANDWICH WINDSCREEN SYSTEM (Q1999)</b>							
		Spares for :—							
	TRIPLEX 1964/4	Bag, extension	...	...	...	2	—	C	
28V/13603	AGS838/8	Bush	...	...	...	43	—	C	
	TRIPLEX 1705/2	Cartridge, complete	...	...	...	3	—	C	
1578	SK19748	Connector	...	...	...	3	Brass	C	
26DD/25290	16/Z2438	Connector	...	...	...	1	—	C	
28V/5170	AGS838/3	Elbow	...	...	...	11	—	C	
28V/5108	AGS838/4	Nut	...	...	...	43	—	C	
	34/Q1999	Pipe, tee piece to tee piece, cartridge connections, in nose, $\frac{5}{16}$ " o/d x 22G x 5" long				2	DTD323A		
	35/Q1999	Pipe, tee piece to cartridge, in nose, $\frac{5}{16}$ " o/d x 22G x 4" long				3	DTD323A		
	36/Q1999	Pipe, cartridge to elbow, in pipe line to wind-screen, $\frac{5}{16}$ " o/d x 22G x 2' 8" long				1	DTD323A		
	37/Q1999	Pipe, cartridge to elbow, in pipe line to wind-screen, $\frac{5}{16}$ " o/d x 22G x 2' 5" long				1	DTD323A		
	38/Q1999	Pipe, cartridge to elbow, in pipe line to wind-screen, $\frac{5}{16}$ " o/d x 22G x 2' 1" long				1	DTD323A		
	39/Q1999	Pipe, elbow to elbow, between formers "F" and "E", in nose, $\frac{5}{16}$ " o/d x 22G x 15' 8" long				1	DTD323A		
	40/Q1999	Pipe, elbow to elbow, between formers "F" and "E", in nose, $\frac{5}{16}$ " o/d x 22G x 1' 8" long				1	DTD323A		
	41/Q1999	Pipe, elbow to elbow, between formers "F" and "E", in nose, $\frac{5}{16}$ " o/d x 22G x 1' 8" long				1	DTD323A		
	42/Q1999	Pipe, tee piece at cartridge to elbow, in extension bag pipe line, in nose, $\frac{5}{16}$ " o/d x 22G x 2' 10" long				1	DTD323A		
	43/Q1999	Pipe, tee piece at cartridge to elbow, in extension bag pipe line, in nose, $\frac{5}{16}$ " x 22G x 3' 4" long				1	DTD323A		
	44/Q1999	Pipe, elbow to extension bag, in nose, $\frac{5}{16}$ " o/d x 22G x 1' 0" long				1	DTD323A		
	45/Q1999	Pipe, elbow to extension bag, in nose, $\frac{5}{16}$ " o/d x 22G x 1' 1" long				1	DTD323A		
	46/Q1999	Pipe, elbow to elbow, in pipe line to wind-screen flexible connection, L/H, $\frac{5}{16}$ " o/d x 22G x 10" long				1	DTD323A		
	47/Q1999	Pipe, elbow to elbow, in pipe line to wind-screen flexible connection, L/H, $\frac{5}{16}$ " o/d x 22G x 11" long				1	DTD323A		
	48/Q1999	Pipe, elbow to elbow, in pipe line to wind-screen flexible connection, R/H, $\frac{5}{16}$ " x 22G x 1' 4" long				1	DTD323A		

SERVICES  
 DRY AIR SANDWICH WINDSCREEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	49/Q1999	Pipe	elbow	to flexible connection at wind-screen, R/H, $\frac{3}{4}$ " o/d x 22G x 1' 4" long		1	DTD323A		
	25/Q1999	Pipe	flexible connection	at windscreen, R/H. (Triplex No. 1964/2/3) x 5" long approx.		1	Rubber		
	50/Q1999	Pipe	elbow	to flexible connection at wind-screen, L/H, $\frac{3}{4}$ " o/d x 22G x — — long approx.		1	DTD323A		
	51/Q1999	Pipe	elbow	to flexible connection at wind-screen, L/H, $\frac{3}{4}$ " o/d x 22G x — — long approx.		1	DTD323A		
	32/Q1999	Pipe	flexible connection	at windscreen, L/H. (Triplex No. 1964/2/3) x 9" long approx.		1	Rubber		
	33/Q1999	Pipe	flexible connection	at windscreen, L/H. (Triplex No. 1964/2/3) x 10" long approx.		1	Rubber		
28V/5105 28V/5104	AGS838/2 AGS838/1	Tee piece	...	...	...	3	—	C	
		Union	...	...	...	3	—	C	

SERVICES—DRY AIR SANDWICH WINDSCREEN

SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
28V	5104	3						
28V	5105	3						
28V	5108	43						
28V	5170	11						
28V	13603	43						

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Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	

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SERVICES  
EMERGENCY AIR

Ref. No.	Part No.	Description	No. off	Marl. Spec.	Cl. of St.		Plate and Illust'n No.
					1	2	
<b>EMERGENCY AIR SYSTEM (Q1912)</b>							
(Q1935) (Q1936) (Q1941) (Q1942) (Q1949)							
(Q1950) (Q1951) (Q1952) (Q1953) (Q2023)							
(Q2038) (Q2077)							
Spares for :—							
9483	1/SS4295	Adaptor, flanged $\frac{1}{4}$ " BSP.	4	—			C
28F/11852	AGS1111/A	Adaptor, flanged ...	2	—			C
28F/10785	AGS1145/A	Adaptor ...	14	—			C
6D/1459/H	—	Bottle, air ...	3	—			A
6A/2691	—	Gauge, 0-3000 lbs.	4	—			A
27VA/4547	DUNLOP AC11182	Jack, escape door	2	—			A
	20/Q1912	<b>MANIFOLD, GROUP</b>	1	—			
Consisting of :—							
28F/9838	AGS1104/A	Adaptor, cone ...	3	—			C
	20a/Q1912	Block, manifold	1	DTD423			
28R/6340	AGS566/A	Plug ...	1	—			C
	D127Y	Valve, non-return	1	—			
28F/12047	AGS1186/A	Washer, sealing	5	—			C
	19/Q1912	<b>MANIFOLD, ESCAPE DOOR, GROUP</b>	1	—			
Consisting of :—							
28F/9838	AGS1104/A	Adaptor, cone...	2	—			C
	19a/Q1912	Block, manifold	1	DTD423			
	133/SS3553	Union, restrictor	1	—			
28F/12047	AGS1186/A	Washer, sealing, for adaptor	2	—			C
28F/12048	AGS1186/B	Washer, sealing, for union	1	—			C
	81/Q1912	<b>MANIFOLD, ESCAPE DOOR, GROUP</b>	1	—			
Consisting of :—							
28F/9838	AGS1104/A	Adaptor, cone	1	—			C
	81a/Q1912	Block, manifold	1	DTD423			
	133/SS3553	Union, restrictor	1	—			
28F/12047	AGS1186/A	Washer, sealing, for adaptor	1	—			C
28F/12048	AGS1186/B	Washer, sealing, for union	1	—			C
	97/Q1912	<b>MANIFOLD, GROUP</b>	1	—			
Consisting of :—							
28F/9838	AGS1104/A	Adaptor, cone	4	—			C
	97a/Q1912	Block, manifold	1	DTD423			
28F/12047	AGS1186/A	Washer, sealing	4	—			C
	AGS1186/B	Washer, sealing	4	—			C
<b>MOUNTING FOR 2 AIR BOTTLES (2Z7987)</b>							
Spares for :—							
6D/1459	—	Bottle, emergency air	2	—			
9277	9/Z7987	<b>STRAP, GROUP</b>	4	—			C
Spares for :—							
26DD/10573	4/SS1945	Screw, adjusting	4	—			C

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**SERVICES**  
**EMERGENCY AIR**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>MOUNTING FOR 1 AIR BOTTLE ... (15Z7987)</b>									
Spares for :—									
6D/1459	—	Bottle, emergency air	...	...	...	1	—		
9Z77	9/Z7987	STRAP, GROUP	...	...	...	2	—	C	
Spares for :—									
26DD/10573	4/SS1945	Screw, adjusting	...	...	...	2	—	C	
<b>MOUNTING, EMERGENCY AIR VALVES FLAPS &amp; UNDERCARRIAGE (12/Q1425)</b>									
Spares for :—									
28D/18309	AS1242/4C	Bolt, 2 BA, knob attachment	...	...	...	1	—	C	
28D/10168	AS1242/11C	Bolt, 2 BA, attachment	...	...	...	1	—	C	
28D/12531	A25/3C	Bolt, 2 BA, valve attachment	...	...	...	8	—	C	
2130	3/Q1309	BRACKET, VALVE SUPPORT, GROUP	...	...	...	2	—	C	
4541	11/Q1425	Cover, valve lever, complete	...	...	...	1	—	C	
1295	5/Q1425	Knob, for lever, flaps	...	...	...	1	—	C	
1296	6/Q1425	Knob, for lever, undercarriage	...	...	...	1	—	C	
2133	10/Q1424	Nut, for attachment bolt	...	...	...	2	S1	C	
931	5/Q1309	PIN, LOCKING, GROUP	...	...	...	2	—	C	
DOWTY									
27Q/1262	C9955MKE.	Valve, emergency air	...	...	...	2	—	A	
28W/6316	AGS585/C	Washer, spring, for valve attachment bolts	...	...	...	8	—	C	
<b>MOUNTING, EMERGENCY AIR RELEASE VALVES, BOMB DOORS (22/Q1424)</b>									
Spares for :—									
28D/12531	A25/3C	Bolt, valve attachment	...	...	...	8	—	C	
2130	3/Q1309	BRACKET, VALVE SUPPORT, GROUP	...	...	...	2	—	C	
4540	21/Q1424	Cover, valve lever, complete	...	...	...	1	—	C	
1297	7/Q1424	Knob, for lever	...	...	...	2	—	C	
2133	10/Q1424	Nut, for knob attachment bolts	...	...	...	2	S1	C	
1298	4/Q1424	PIN LOCKING, GROUP	...	...	...	1	—	C	
3826	13/Q1424	Plate, stop, complete, for lever	...	...	...	1	—	C	
930	8/Q1424	Spring, for locking pin	...	...	...	2	—	C	
DOWTY									
27Q/1262	C9955MKE.	Valve, emergency air	...	...	...	2	—	A	
28F/14528	AGS1170/A	Nipple	...	...	...	9	—	C	
28F/10491	AGS1148/A	Nut	...	...	...	14	—	C	
DUNLOP									
27VA/5672	4/WV14/261/8/8/16	Pipe, flexible, escape door jack (Mod. 951)	...	...	...	2	—	C	
9517	2/Q1912	PIPE, FROM AIR BOTTLE B/D CLOSED TO AIR BOTTLE FLAPS, IN NOSE-WHEEL BAY, STARBOARD, ½" o/d x 22G x 2' 5" LONG, GROUP	...	...	...	1	DTD323A	C	

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SERVICES  
EMERGENCY AIR

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
9518	3Q/1912	PIPE, GAUGE TO JUNCTION BLOCK, AT FLAPS & U/C AIR BOTTLE IN NOSE-WHEEL BAY, STARBOARD $\frac{1}{8}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A	C	
9519	4/Q1912	PIPE, FROM B/D CLOSED AIR BOTTLE TO CHARGING VALVE IN NOSE-WHEEL BAY $\frac{1}{2}$ " o/d x 22G x 3' 6" LONG, GROUP				1	DTD323A	C	
9520	5Q1912	PIPE, FROM B/D OPEN AIR BOTTLE TO CHARGING VALVE IN NOSEWHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 3' 7" LONG, GROUP				1	DTD323A	C	
9521	6/Q1912	PIPE, FROM CHARGING AT B/D OPEN AIR BOTTLE TO GAUGE, IN NOSE WHEEL BAY, STARBOARD $\frac{1}{8}$ " x 22G x 10" LONG, GROUP				1	DTD323A	C	
9522	7/Q1912	PIPE, BOMB DOORS, OPEN, FROM AIR BOTTLE TO TEE-PIECE, IN NOSE-WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
9523	8/Q1912	PIPE, FROM B/D CLOSED AIR BOTTLE TO GAUGE, IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A	C	
	106/Q1912	PIPE, BOMB DOORS CLOSED, FROM AIR BOTTLE TO TEE-PIECE, IN NOSE-WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 9" LONG, GROUP				1	DTD323A	C	
9525	10/Q1912	PIPE, FROM FLAPS AND U/C AIR BOTTLE TO REDUCE UNION IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 9" LONG, GROUP				1	DTD323A	C	
9526	11Q/1912	PIPE, BOMB DOORS OPEN, FROM TEE-PIECE TO FLANGED ADAPTOR IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 5' 4" LONG, GROUP				1	DTD323A	C	
9527	12/Q1912	PIPE, FLAPS AND UNDERCARRIAGE FROM UNION TO REDUCING UNION, NOSEWHEEL BAY, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 4' 3" LONG, GROUP				1	DTD323A	C	
9528	13/Q1912	PIPE, BOMB DOORS CLOSED, FROM TEE-PIECE TO RELEASE VALVE IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{8}$ " o/d x 5' 5" LONG, GROUP				1	DTD323A	C	
	112Q1912	PIPE, ESCAPE DOOR JACK, N.R.V. TO TEE-PIECE IN LINE TO AIR RELEASE VALVE, GROUP				1	DTD323A		
	108Q1912	PIPE, BOMB DOOR CLOSE, TEE-PIECE TO N.R.V., IN NOSEWHEEL BAY, STARBOARD, GROUP				1	DTD323A		

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SERVICES  
EMERGENCY AIR

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
9529	15/Q1912	PIPE, UNDERCARRIAGE, FROM MANIFOLD TO RELEASE VALVE IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 4' 11" LONG, GROUP				1	DTD323A	C	
9530	16/Q1912	PIPE, UNDERCARRIAGE, FROM MANIFOLD TO JETTISON VALVE IN U/C PIPE-LINE IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 1' 10" LONG, GRP.				1	DTD323A	C	
9531	17/Q1912	PIPE, UNDERCARRIAGE, FROM TEE-PIECE TO FLANGED ADAPTOR IN U/C PIPE-LINE, FORWARD OF FORMER "B" IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 10", GROUP				1	DTD323A	C	
	21/Q1912	PIPE, FROM AIR RELEASE VALVE, BOMB DOORS OPEN TO FLANGED ADAPTOR IN FLOOR, TO FLIGHT ENGINEER'S PANEL, $\frac{1}{2}$ " o/d x 22G x 4' 8" LONG, GROUP				1	DTD323A		
	22/Q1912	PIPE, FLAPS, FROM MANIFOLD TO GAUGE, FORMER "B", $\frac{1}{4}$ " x 22G x 1' 4" LONG, GROUP				1	DTD323A		
	23/Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE, AT FRONT SPAR, ABOVE FLOOR TO ADAPTOR, $\frac{1}{2}$ " o/d x 22G x 2' 9" LONG, GROUP				1	DTD323A		
	24/Q1912	PIPE, UNDERCARRIAGE, FROM ADAPTOR IN FLOOR TO AIR RELEASE VALVE, FLIGHT ENGINEER'S PANEL, $\frac{3}{8}$ " x 22G x 4' 9" LONG, GROUP				1	DTD323A		
9532	25/Q1912	PIPE, FLAPS AND U/C, FROM UNION TO MANIFOLD, FORMER "B" IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 5' 4" LONG, GROUP				1	DTD323A	C	
	26/Q1912	PIPE, UNDERCARRIAGE, FROM U/C AIR RELEASE VALVE TO NON-RETURN VALVE, FLIGHT ENGINEER'S PANEL, $\frac{1}{2}$ " x 22G x 1' 0" LONG, GROUP				1	DTD323A		
	27/Q1912	PIPE, BOMB DOORS CLOSE, FROM B/D CLOSE AIR RELEASE VALVE, TO FLANGED ADAPTOR IN FLOOR, FOR FLIGHT ENGINEER'S PANEL, $\frac{1}{2}$ " o/d x 22G x 4' 6" LONG, GROUP				1	DTD232A		
	201Q1912	PIPE, BOMB DOORS OPEN, SHUTTLE VALVE TO TEE-PIECE, GROUP				1	DTD323A		
	107Q1912	PIPE, BOMB DOOR CLOSE, TEE-PIECE TO TEE-PIECE, IN LINE TO DOOR JACK, GROUP				1	DTD323A		
	200Q1910	PIPE, BOMB DOORS OPEN, MANIFOLD TO TEE-PIECE, IN CENTRE PORTION, GROUP				1	DTD323A		

SERVICES  
EMERGENCY AIR

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	28Q1912	PIPE, BOMB DOORS OPEN, FROM B/D OPEN AIR RELEASE VALVE TO FLANGED ADAPTOR IN FLOOR, FOR FLIGHT ENGINEER'S PANEL, $\frac{3}{16}$ " o/d x 22G x 5' 0" LONG, GROUP				1	DTD323A		
	30Q1912	PIPE, FLAPS, FROM FLAPS RELEASE VALVE TO MANIFOLD, FOR FLIGHT ENGINEER'S PANEL, $\frac{3}{16}$ " o/d x 22G x 1' 1" LONG, GROUP				1	DTD323A		
	32Q1912	PIPE, FLAPS, FROM ADAPTOR TO UNION, IN FLAPS PIPE-LINE, REAR CENTRE PORTION, BOMB BAY, $\frac{3}{16}$ " o/d x 22G x 3' 5" LONG, GROUP				1	DTD323A		
	33Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE AT FRONT SPAR TO FLANGED ADAPTOR AT FUSELAGE SIDE, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 3' 10" LONG, GROUP				1	DTD323A		
	34Q1912	PIPE, MAIN UNDERCARRIAGE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO ADAPTOR, FRONT SPAR, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 9' 6" LONG, GROUP				1	DTD323A		
10518	36Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE TO DOWN LOCK, BETWEEN FRONT AND REAR SPAR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 6' 3" LONG, GROUP				1	DTD323A	C	
10538	37Q1912	PIPE, MAIN U/C DOORS, FROM TEE-PIECE TO U/C DOOR JACK O/B, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 4' 5" LONG, GROUP				1	DTD323A	C	
10555	38Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE TO UP LOCK, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A	C	
10519	39Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE U/C DOOR JACK, CONNECTION TO TEE-PIECE, UP LOCK CONNECTION, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 1' 4" LONG, GROUP				1	DTD323A	C	

**SERVICES**  
**EMERGENCY AIR**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
10539	40Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE TO 1/B U/C DOOR JACK, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 5' 7" LONG, GROUP				1	DTD323A	C	
10520	41Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE TO JETTISON VALVE, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 10' LONG, GROUP				1	DTD323A	C	
	42Q1912	PIPE, BOMB DOOR CLOSE, FROM TEE-PIECE SHUTTLE VALVE CONNECTION, TO JETTISON VALVE UNDER FLOOR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 3' 9" LONG, GROUP				1	DTD323A		
	43Q1912	PIPE, BOMB DOORS OPEN, FROM TEE-PIECE TO SHUTTLE VALVE UNDER FLOOR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, GROUP				1	DTD323A		
	44Q1912	PIPE, BOMB DOORS OPEN, FROM TEE-PIECE, SHUTTLE VALVE CONNECTION TO SHUT OFF VALVE UNDER FLOOR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 1' 6" LONG, GROUP				1	DTD323A		
	45Q1912	PIPE, BOMB DOORS OPEN, FROM TEE-PIECE TO JETTISON VALVE UNDER FLOOR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A		
	46Q1912	PIPE, FLAPS, FROM TEE-PIECE, FLAP VALVE CONNECTION TO JETTISON VALVE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 1' 2", LONG, GROUP				1	DTD323A		
	47Q1912	PIPE, SCANNER, FROM SHUTTLE VALVE TO JETTISON VALVE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 1' 3" LONG, GROUP				1	DTD323A		
	48Q1912	PIPE, SCANNER, FROM UNION TO JETTISON VALVE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 7' 9" LONG, GROUP				1	DTD323A		
	49Q1912	PIPE, SCANNER, FROM ADAPTOR AT FORMER 12 TO ADAPTOR AT FORMER 22, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 12' 1" LONG, GROUP				1	DTD323A		

SERVICES  
EMERGENCY AIR

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	50Q1912	PIPE, SCANNER, FROM MANIFOLD AT REAR SPAR TO ADAPTOR AT FORMER 12, UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 13" LONG, GROUP				1	DTD323A		
	51Q1912	PIPE, FLAPS, FROM TEE-PIECE TO NON-RETURN VALVE, REAR CENTRE PORTION BOMB BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 5" LONG, GROUP				1	DTD323A		
	55Q1912	PIPE, BOMB DOORS CLOSE, FROM TEE-PIECE TO SHUTTLE VALVE, UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 1' 5" LONG, GROUP				1	DTD323A		
	56Q1912	PIPE, BOMB DOORS OPEN, FROM TEE-PIECE, JETTISON VALVE CONNECTION TO TEE-PIECE, SHUTTLE VALVE CONNECTION, UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 1' 6" LONG, GROUP				1	DTD323A		
	57Q1912	PIPE, FLAPS, FROM NON-RETURN VALVE TO FLAP VALVE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{16}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A		
	58Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE AT FRONT SPAR TO FLANGED ADAPTOR AT FUSELAGE SIDE, PORT, $\frac{3}{16}$ " o/d x 22G x 5' 3" LONG, GROUP				1	DTD323A		
	62Q1912	PIPE, SCANNER, FROM ADAPTOR TO UNION IN PIPE LINE TO JETTISON VALVE, REAR CENTRE PORTION, BOMB BAY, $\frac{3}{16}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	63Q1912	PIPE, UNDERCARRIAGE, FROM TEE-PIECE TO TEE-PIECE IN N/W DOOR JACK, PIPE-LINE, NOSEWHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	64Q1912	PIPE, UNDERCARRIAGE, FROM TEE-PIECE TO NOSEWHEEL DOOR JACK, IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 8" LONG, GROUP				1	DTD323A		
10507	65Q1912	PIPE, UNDERCARRIAGE, FROM MANIFOLD TO N/W DOOR JACK IN NOSEWHEEL BAY, PORT, $\frac{3}{16}$ " o/d x 22G x 3' 9" LONG, GROUP				1	DTD323A	C	

**SERVICES**  
**EMERGENCY AIR**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
	66Q1912	PIPE, MAIN UNDERCARRIAGE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO MANIFOLD AT FRONT SPAR, PORT, $\frac{3}{16}$ " o/d x 22G x 8' 5" LONG, GROUP				1	DTD323A		
	67Q1912	PIPE, SCANNER, FROM ADAPTOR AT FRONT SPAR TO MANIFOLD AT REAR SPAR, UNDER FLOOR, C/PORION FUSELAGE, $\frac{3}{16}$ " o/d x 22G x 7' 8" LONG, GROUP				1	DTD323A		
	68Q1912	PIPE, MAIN UNDERCARRIAGE, FROM ADAPTOR IN HEATER BAY, TO ADAPTOR AFT OF FORMER "5", BELOW FLOOR, FRONT CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 10' 0" LONG, GROUP				1	DTD323A		
	69Q1912	PIPE, BOMB DOORS CLOSE, FROM ADAPTOR FORWARD OF FRONT SPAR, TO TEE-PIECE AT SHUTTLE VALVE CONNECTION UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 4' 11" LONG, GROUP				1	DTD323A		
	70Q1912	PIPE, BOMB DOORS OPEN, FROM ADAPTOR FORWARD OF FRONT SPAR, TO TEE-PIECE AT JETTISON VALVE CONNECTION, UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 6' 11" LONG, GROUP				1	DTD323A		
	71Q1912	PIPE, FLAPS, FROM ADAPTOR AT FRONT SPAR TO ADAPTOR BETWEEN SPARS IN FLAPS, PIPE LINE UNDER FLOOR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 11' 1" LONG, GROUP				1	DTD323A		
	72Q1912	PIPE, SCANNER, FROM ADAPTOR IN HEATER BAY, TO ADAPTOR AT FORMER 6, BELOW FLOOR, FRONT CENTRE PORTION, PORT, $\frac{3}{16}$ " o/d x 22G x 10' 11" LONG, GROUP				1	DTD323A		
	73Q1912	PIPE, UNDERCARRIAGE, FROM TEE-PIECE TO NOSEWHEEL JACK IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 2' 5" LONG, GROUP				1	DTD323A		
	74Q1912	PIPE, BOMB DOOR CLOSE, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AT FORMER 6, BELOW FLOOR, FRONT CENTRE PORTION, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 12' 1" LONG, GROUP				1	DTD323A		

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**SERVICES**  
**EMERGENCY AIR**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
10476	75Q1912	PIPE, BOMB DOOR OPEN, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AFT OF FORMER 5, BELOW FLOOR, FRONT CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 11' 5" LONG, GROUP				1	DTD323A		
	76Q1912	PIPE, FLAPS, FROM ADAPTOR IN HEATER BAY TO ADAPTOR FORWARD OF FORMER 5, BELOW FLOOR, FRONT CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 11' 2" LONG, GROUP				1	DTD323A		
	204Q1912	PIPE, SCANNER, FROM UNION TO AIR RELEASE VALVE AT FORMER 12, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, GROUP (Mod. 772)				1	DTD323A		
	205Q1912	PIPE, SCANNER, FROM UNION TO AIR RELEASE VALVE, AT FORMER 12, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 2' 10" LONG, GROUP (Mod. 772)				1	DTD323A		
	80Q1912	PIPE, SCANNER, FROM ADAPTOR AT FORMER "B" TO ADAPTOR IN NOSEWHEEL BAY, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 6" LONG, GROUP				1	DTD323A	C	
	111Q1912	PIPE, ESCAPE DOOR JACK, FROM TEE-PIECE TO AIR RELEASE VALVE AT FORMER "B," NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G, GROUP				1	DTD323A	C	
	83Q1912	PIPE, ESCAPE DOOR JACKS, FROM AIR RELEASE VALVE TO MANIFOLD AT FORMER "B," BELOW FLOOR, FRONT C/PORION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 3" LONG, GRP.				1	DTD323A		
	86Q1912	PIPE, ESCAPE DOOR JACKS, FROM MANIFOLD TO ADAPTOR AT FORMER "B," BELOW FLOOR, FRONT CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 5" LONG, GROUP				1	DTD323A		
10093	87Q1912	PIPE, ESCAPE DOOR JACKS, FROM MANIFOLD TO ADAPTOR AT FORMER "B," BELOW FLOOR, FRONT CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 22G x 2' 10" LONG, GROUP				1	DTD323A		
	88Q1912	PIPE, UNDERCARRIAGE, FROM TEE-PIECE AT N/W JACK CONNECTION TO JETTISON VALVE IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A	C	
	110Q1912	PIPE, ESCAPE DOOR JACKS, N.R.V. TO TEE-PIECE, IN LINE TO AIR RELEASE VALVE, GROUP				1	DTD323A		

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**EMERGENCY AIR**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
10540	90Q1912	PIPE, MAIN UNDERCARRIAGE, FROM TEE-PIECE TO TEE-PIECE IN U/C DOOR JACK, PIPE-LINE, BETWEEN FRONT AND REAR SPAR, $\frac{3}{8}$ " o/d x 22G x 10' LONG, GROUP				1	DTD323A	C	
	91Q1912	PIPE, SCANNER, FROM ADAPTOR AT FORMER 22 TO UNION IN REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 3' 9" LONG, GROUP				1	DTD323A		
	92Q1912	PIPE, FLAPS, FROM MANIFOLD TO ADAPTOR IN FLOOR, TO FLIGHT ENGINEER'S PANEL, $\frac{3}{8}$ " o/d x 22G x 3' 0" LONG, GROUP				1	DTD323A		
	93Q1912	PIPE, FLAPS, FROM UNION TO TEE-PIECE IN FLAPS VALVE PIPE, IN REAR CENTRE PORTION BOMB BAY, 2' 3" LONG, GROUP				1	DTD323A		
	94Q1912	PIPE, NOSEWHEEL DOOR JACK, FROM MANIFOLD TO TEE-PIECE IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 1" LONG, GROUP				1	DTD323A		
10551	95Q1912	PIPE, MAIN UNDERCARRIAGE, FROM MANIFOLD AT FRONT SPAR TO JET-TISON VALVE BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 6' 11" LONG, GROUP				1	DTD323A	C	
	98Q1912	PIPE, BOMB DOORS CLOSE, FROM AIR RELEASE VALVE TO ADAPTOR IN FLOOR TO FLIGHT ENGINEER'S PANEL, $\frac{3}{8}$ " o/d x 22G x 4' 11" LONG, GRP.				1	DTD323A		
	99Q1912	PIPE, FLAPS, FROM AIR RELEASE VALVE TO ADAPTOR IN FLOOR TO FLIGHT ENGINEER'S PANEL, $\frac{3}{8}$ " o/d x 22G x 4' 5" LONG, GROUP				1	DTD323A		
	100Q1912	PIPE, SCANNER, FROM UNION TO ADAPTOR, AFT OF FORMER 22, IN REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d 22G x 2' 9" LONG, GROUP				1	DTD323A		
	101Q1912	PIPE, BOMB DOORS CLOSE, FROM TEE-PIECE TO ADAPTOR IN SCANNER PIPE-LINE, NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 2" LONG, GRP.				1	DTD323A		
	109Q1912	PIPE, BOMB DOOR CLOSE, N.R.V. TO TEE-PIECE, IN LINE TO JACK, GROUP				1	DTD323A		
	202Q1912	PIPE, BOMB DOORS OPEN, TEE-PIECE TO TEE-PIECE IN LINE TO MANIFOLD, GROUP				1	DTD323A		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	102Q1912	PIPE, SCANNER, FROM MANIFOLD TO COUPLING, BANJO, IN AIR RELEASE VALVE PIPE, UNDER FLOOR, CENTRE PORTION, FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 2' 1" LONG, GROUP				1	DTD323A		
	103Q1912	PIPE, SCANNING, FROM MANIFOLD TO COUPLING, BANJO, IN AIR RELEASE VALVE PIPE, UNDER FLOOR, CENTRE PORTION, FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 2' 1" LONG, GROUP				1	DTD323A		
	104Q1912	PIPE, SCANNER, FROM FLANGED ADAPTOR AT FLOOR TO UNION IN AIR RELEASE VALVE PIPE AT FORMER 12, CENTRE PORTION, FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 3' 2" LONG, GROUP				1	DTD323A		
	105Q1912	PIPE, SCANNER, FROM FLANGED ADAPTOR AT FLOOR TO UNION IN AIR RELEASE VALVE PIPE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 3' 3" LONG, GROUP				1	DTD323A		
28F/10782	AGS1118/A	Tee-piece, $\frac{1}{8}$ " B.S.P.				14	—	C	
28F/9703	AGS1102/A	Union				3	—	C	
28F/10509	AGS1107/A	Union				2	—	C	
27Q/	DOWTY C9955Mk.E	Valve, air release				5	—		
27Q/	DOWTY D127Y	Valve, non-return				2	—		
27Q/1261	DOWTY C7037Y	Valve, air release				1	—	A	

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate
		1	2	3	4			St.	and
								M.R.	Illust'n
									No.

SERVICES—EMERGENCY AIR  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
6A	2691	4	28D	10168	1	28F	11852	2
			28D	12531	16	28F	12047	9
						28F	12048	2
						28F	14528	9
6D	1459	3						
6D	1459/H	3	28D	18309	1	28R	6340	1
26DD	10573	6	28F	9703	3			
						28W	6316	8
			28F	9838	5			
27Q	C9955MKE	13	28F	10491	14			
27Q	D127Y	2	28F	10509	2			
27Q	1261	1	28F	10782	14			
27VA	4547	2	28F	10783	14			



SHACKLETON Mk. 3

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE AND HAND FIRE EXTINGUISHERS</b>							
		Spares for :—							
27N/85	—	Bracket, type 1357E, for hand extinguisher ...				4	—	A	
27N/84	—	Extinguisher, Mk.25 ... ..				4	—	A	
		<b>FIRE PROTECTION, METHYL BROMIDE, PIPES AND FLAME CORDS, IN NOSE (Z8015) (P3103)</b>							
		Spares for :—							
	2Z8015	<b>BLOCK, DISTRIBUTOR, GROUP ...</b>				1	—		
		Consisting of :—							
28F/11170	AGS1129/D	Banjo, coupling, 1/2" BSP ... ..				2	—	C	
28F/9746	AGS1135/D	Bolt, banjo, 1/2" BSP ... ..				2	—	C	
	2aZ8015	Block ... ..				1	DTD130		
28F/11538	AGS1105/F	Coupling, pipe, 3/4" BSP ... ..				1	—	C	
28F/9708	AGS1104/B	Coupling, pipe, 1/2" BSP ... ..				1	—	C	
28F/12049	AGS1186/F	Washer, sealing, 3/4" BSP ... ..				1	—	C	
28F/11581	AGS1186/D	Washer, sealing, 1/2" BSP ... ..				4	—	C	
28F/12048	AGS1186/B	Washer, sealing, 1/2" BSP ... ..				1	—	C	
	3Z8015	<b>BLOCK, DISTRIBUTOR, GROUP ...</b>				1	—		
		Consisting of :—							
28F/11170	AGS1129/D	Banjo, coupling, 1/2" BSP ... ..				2	—	C	
28F/10798	AGS1129/B	Banjo, coupling, 1/2" BSP ... ..				1	—	C	
28F/9746	AGS1135/D	Bolt, banjo, 1/2" BSP ... ..				2	—	C	
28F/10018	AGS1135/B	Bolt, banjo, 1/2" BSP ... ..				1	—	C	
	3aZ8015	Block ... ..				1	DTD130		
28F/11581	AGS1186/D	Washer, sealing, 1/2" BSP ... ..				4	—	C	
28F/12048	AGS1186/B	Washer, sealing, 1/2" BSP ... ..				2	—	C	
9684	1SS2868	Clip, for pipes ... ..				16	—	C	
	3SS2868	Clip, for pipes ... ..				3	—		
2721	2SS3859	Clip, for pipes ... ..				1	—	C	
	6SS3859	Clip, for pipes ... ..				10	—		
13424	10SS3859	Clip, for pipes ... ..				6	—	C	
10043	5Z8015	Clip, flame cord, made from 27N/52 ...				3	—	C	
10044	6Z8015	Clip, flame cord, made from 27N/52 ...				25	—	C	
27N/100	—	Extinguisher, fire, 6 lb. ... ..				2	—	A	
12859	233P3103	<b>PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO COUPLING IN No. 2 HEATER PIPE-LINE, 3/4" o/d x 20G x 4' 6" LONG, GROUP</b>				1	DTD323A	C	
12360	234P3103	<b>PIPE, FEED, COUPLING TO CROSS-PIECE IN No. 2 HEATER PIPE-LINE, 3/4" o/d x 20G x 2' 2" LONG, GROUP</b>				1	DTD323A	C	
9671	96P3103	<b>PIPE, SPRAY, CROSS-PIECE TO HEATER No. 2, RH., 1/2" o/d x 20G x 5' 0" LONG, GROUP</b>				1	DTD253A	C	
9673	97P3103	<b>PIPE, SPRAY, CROSS-PIECE TO HEATER No. 2, LH., 1/2" o/d x 20G x 2' 9" LONG, GROUP</b>				1	DTD253A	C	

SHACKLETON Mk. 3

Page QF. 2

**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE PIPES AND FLAME CORDS, IN NOSE (Z8015) (P2103)</b>							
9672	98P3103					1	DTD253A	C	
9676	103P3103					1	DTD253A	C	
10073	166P3103					1	DTD323A	C	
10074	167P3103					1	DTD323A	C	
	249P3103					1	DTD323A		
27N/61	—					2	—	A	
		<b>FIRE PROTECTION, METHYL BROMIDE, IN CENTRE PORTION, PORT AND STARBOARD (Z8017) (Z8018) (P3103)</b>							
		Spares for :—							
1671	87P2433					3	—	C	
27N/100	—					3	—	A	
27N/99	—					1	—	A	
27N/87	—					3	—	B	
1672	1Z3936					1	—		
		<b>BRACKET, MOUNTING, 12 lb. EXTINGUISHER, GROUP</b>							
		Spares for :—							
1673	6Z3936					2	S1	C	
	2Z3936					1	DTD610A		
1674	4Z3936					4	—	C	
1722	74P2433					18	S3	C	
	4SS3859					12	—		
	6SS3859					10	—		
6535	32SS3264					1	—	C	
13457	4SS3742					7	Rubber	C	
	276P3103					1	DTD323A		
		<b>PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO FRONT SPRAY PIPES No. 1 TANK IN CENTRE PORTION, STARBOARD, ½" o/d x 20G x 6' 6" LONG, GROUP</b>							

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE IN CENTRE PORTION, PORT AND STARBOARD (Z8017) (Z8018) (P3103)</b>							
	210P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO REAR SPRAY PIPES, No. 1 TANK IN CENTRE PORTION, PORT, $\frac{1}{2}$ " o/d x 20G x 1' 10" LONG, GRP.				1	DTD323A		
	211P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO COUPLING IN PIPE LINE TO REAR SPRAY No. 1 TANK, IN CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 1' 10" LONG, GROUP				1	DTD323A		
	212P3103	PIPE, FEED, FRONT SPAR TO BULKHEAD, INBOARD ENGINE, PORT, $\frac{3}{4}$ " o/d x 20G x 3' 0" LONG, GROUP				1	DTD323A		
	213P3103	PIPE, FEED, BOTTLE, 12 lb. EXTINGUISHER TO FRONT SPAR, PORT, $\frac{3}{4}$ " o/d x 20G x 4' 4" LONG, GROUP				1	DTD323A		
	214P3103	PIPE, FEED, FRONT SPAR TO BULKHEAD, INBOARD ENGINE, STARBOARD, $\frac{3}{4}$ " o/d x 20G x 2' 8" LONG, GROUP				1	DTD323A		
	215P3103	PIPE, FEED, ELBOW TO BULKHEAD, INBOARD ENGINE, PORT & STARBOARD, $\frac{1}{2}$ " o/d x 20G x 3' 1" LONG, GROUP				1	DTD323A		
	216P3103	PIPE, SPRAY, JOINT, RUBBER, TO TEE-PIECE AT No. 1 TANK, CENTRE PORTION, PORT AND STARBOARD, $\frac{3}{8}$ " o/d x 20G x 6" LONG, GROUP				1	DTD323A		
	217P3103	PIPE, SPRAY, FROM "Y" PIECE TO No. 1 TANK, RH. IN CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 1" LONG, GROUP				1	DTD323A		
	218P3103	PIPE, SPRAY, FROM "Y" PIECE TO JOINT AT No. 1 TANK, FRONT IN CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 20G x 1' 0" LONG, GROUP				1	DTD323A		
	219P3103	PIPE, SPRAY, FROM "Y" PIECE TO JOINT AT No. 1 TANK, FRONT IN CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 11" LONG, GROUP				1	DTD323A		
	220P3103	PIPE, SPRAY, JOINT RUBBER TO BLANK END, RH. SIDE No. 1 TANK CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 20G x 4' 8" LONG, GROUP				1	DTD323A		

**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, IN CENTRE PORTION, PORT &amp; STARBOARD (Z8017) (Z8018) (P3103) (Cont'd)</b>							
	221P3103	PIPE, SPRAY, JOINT RUBBER TO BLANK END, LH. SIDE, No. 1 TANK CENTRE SECTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 10" LONG, GROUP				1	DTD323A		
	222P3103	PIPE, SPRAY, JOINT RUBBER TO BLANK END, LH. SIDE, No. 1 TANK, CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 20G x 4' 1" LONG, GROUP				1	DTD323A		
	239P3103	PIPE, FEED, UNION TO ELBOW IN FEED PIPE, TO BULKHEAD INBOARD ENGINE CENTRE PORTION, PORT, $\frac{1}{8}$ " o/d x 20G x 6' 2" LONG, GROUP				1	DTD323A		
	240P3103	PIPE, FEED, UNION TO UNION IN FEED, PIPE TO BULKHEAD INBOARD ENGINE, CENTRE PORTION, STBD., $\frac{1}{2}$ " o/d x 20G x 3' 9" LONG, GROUP				1	DTD323A		
	241P3103	PIPE, SPRAY, JOINT RUBBER TO JOINT RUBBER No. 1 TANK, FRONT END, PORT AND STARBOARD, $\frac{3}{8}$ " o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A		
	242P3103	PIPE, SPRAY, JOINT RUBBER TO JOINT RUBBER No. 1 TANK, REAR END, PORT AND STARBOARD, $\frac{3}{8}$ " o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A		
	243P3103	PIPE, FEED, BOTTLE, 12 lb. EXTINGUISHER TO FRONT SPAR, CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 10" LONG, GROUP				1	DTD323A		
	244P3103	PIPE, FEED, TEE-PIECE TO COUPLING IN FEED PIPE TO No. 1 TANK, REAR END, CENTRE PORTION, PORT & STARBOARD, $\frac{1}{2}$ " o/d x 20G x 3' 2" LONG APPROX., GROUP				1	DTD323A		
	245P3103	PIPE, SPRAY, TEE-PIECE TO BLANK END, No. 1 TANK, RH. SIDE, CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 2" LONG, GROUP				1	DTD323A		
	246P3103	PIPE, SPRAY, TEE-PIECE TO BLANK END, No. 1 TANK, LH. SIDE, CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 20G x 4' 2" LONG, GROUP				1	DTD323A		

SHACKLETON Mk. 3

SERVICES

FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, IN CENTRE PORTION, PORT AND STARBOARD (Z8017) (Z8018) (P3103) (Cont'd)</b>							
	247P3103	PIPE, SPRAY, JOINT RUBBER TO BLANK END, No. 1 TANK LH. SIDE, CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 6" LONG, GROUP				1	DTD323A		
	248P3103	PIPE, SPRAY, JOINT RUBBER TO BLANK END, No. 1 TANK, RH. SIDE, CENTRE PORTION, PORT, $\frac{3}{8}$ " o/d x 20G x 4' 5" LONG, GROUP				1	DTD323A		
	250P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO UNION IN PIPE-LINE TO FRONT SPAR, INBOARD ENGINE, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 2' 8" LONG, GROUP				1	DTD323A		
	251P3103	PIPE, FEED, UNION TO ADAPTOR IN 6 lb. EXTINGUISHER PIPE-LINE TO FRONT SPAR, INBOARD ENGINE, CENTRE PORTION, PORT, $\frac{1}{2}$ " o/d x 20G x 3' 1" LONG, GROUP				1	DTD323A		
	252P3103	PIPE, FEED, UNION TO UNION IN 6 lb. EXTINGUISHER PIPE-LINE TO FRONT SPAR, INBOARD ENGINE, CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 1' 11" LONG, GROUP				1	DTD323A		
	253P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO "Y" PIECE AT No. 1 TANK FRONT, IN CENTRE PORTION, PORT, $\frac{1}{2}$ " o/d x 20G x 5' 2" LONG, GROUP				1	DTD323A		
	261P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO UNION IN FEED PIPE-LINE TO FRONT SPAR, INBOARD ENGINE, CENTRE PORTION, PORT, 2' 9" LONG, GROUP				1	DTD323A		
		<b>FIRE PROTECTION, METHYL BROMIDE, FOR FUEL TANKS, CENTRE PORTION INNER MAINPLANE, PORT &amp; STARBOARD (24 &amp; 25Z8019) (P3103)</b>							
		Spares for :—							
1720	145P2433	Body, flanged union, at pipe joint, between nose ribs 10A-11				1	DTD423	C	
28D/14194	A25/4C	Bolt, 2 BA, hex.hd. x 0.50" long				6	—	C	
28D/12528	A25/1B	Bolt, 4 BA, hex.hd. x 0.55" long				120	—	C	
28D/12512	A25/1C	Bolt, 2 BA, hex.hd. x 0.55" long				127	—	C	
28D/12707	A25/1E	Bolt, $\frac{1}{4}$ " BSF, hex.hd. x 0.6" long				4	—	C	

## FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>FIRE PROTECTION, METHYL BROMIDE, FOR FUEL TANKS, CENTRE PORTION INNER MAINPLANE, PORT AND STARBOARD (3 &amp; 4Z8019) (P3103)</b>									
<b>(Cont'd)</b>									
28D/12513	A25/2C	Bolt,	2	BA,	hex.hd. x 0.65" long	48	—	C	
28D/12531	A25/3C	Bolt,	2	BA,	hex.hd. x 0.75" long	16	—	C	
28D/12533	A25/5C	Bolt,	2	BA,	hex.hd. x 0.95" long	8	—	C	
28D/12566	A25/6C	Bolt,	2	BA,	hex.hd. x 1.05" long	4	—	C	
28D/12514	A25/7C	Bolt,	2	BA,	hex.hd. x 1.15" long	6	—	C	
28D/12629	A25/8C	Bolt,	2	BA,	hex.hd. x 1.25" long	6	—	C	
28D/12534	A25/9C	Bolt,	2	BA,	hex.hd. x 1.35" long	24	—	C	
28D/12515	A25/10C	Bolt,	2	BA,	hex.hd. x 1.45" long	12	—	C	
28D/12516	A25/11C	Bolt,	2	BA,	hex.hd. x 1.55" long	3	—	C	
28D/12535	A25/12C	Bolt,	2	BA,	hex.hd. x 1.65" long	2	—	C	
28D/12537	A25/14C	Bolt,	2	BA,	hex.hd. x 1.85" long	4	—	C	
28D/12538	A25/15C	Bolt,	2	BA,	hex.hd. x 1.95" long	184	—	C	
28D/12539	A25/16C	Bolt,	2	BA,	hex.hd. x 2.05" long	15	—	C	
28D/12517	A25/17C	Bolt,	2	BA,	hex.hd. x 2.15" long	26	—	C	
28D/12540	A25/18C	Bolt,	2	BA,	hex.hd. x 2.25" long	12	—	C	
28D/12630	A25/19C	Bolt,	2	BA,	hex.hd. x 2.35" long	4	—	C	
28D/13447	A25/21C	Bolt,	2	BA,	hex.hd. x 2.55" long	7	—	C	
28D/12568	A25/22C	Bolt,	2	BA,	hex.hd. x 2.65" long	4	—	C	
28D/12631	A25/23C	Bolt,	2	BA,	hex.hd. x 2.75" long	4	—	C	
28D/12536	A25/13C	Bolt,	2	BA,	hex.hd. x 1.75" long	2	—	C	
28D/11937	AS1246/1B	Bolt,	4	BA,	rd.hd. x .45" long	24	—	C	
28D/11564	AS1246/1C	Bolt,	2	BA,	rd.hd. x .5" long...	15	—	C	
28D/11210	AS1246/3C	Bolt,	2	BA,	rd.hd. x .7" long...	6	—	C	
1722	74P2433	Clip,			tube, spray pipes	60	S3	C	
	148P2433	Clip,			pipe, T.E. rib 8	1	S3		
	6SS3512	Clip,			pipe	2	—		
13910	6SS3266	Clip,			pipe	1	—	C	
13401	14SS3859	Clip,			pipe	4	—	C	
13457	4SS3859	Clip,			pipe, starboard	5	—	C	
28F/9878	AGS1116/D	Elbow,			cone	4	—	C	
26DC/5253	2SS1585	Lug,			for joint	4	—	C	
1725	147P2433	Nipple,			adaptor	2	—	C	
28F/9619	AGS1142/C	Nipple,			adaptor	5	—	C	
28F/9620	AGS1142/D	Nipple,			adaptor	14	—	C	
28F/8235	AGS1142/F	Nipple,			adaptor	6	—	C	
28M/10287	AGS2001/B/1	Nut,			stiff	120	—		
28M/10288	AGS2001/C/1	Nut,			stiff, 2 BA	16	—		
28M/10290	AGS2001/E/1	Nut,			stiff	20	—		
1726	4SS3860	Packing,			bonding clip...	60	F50	C	
	10SS3860	Packing				5	—		
28M/11491	AGS1115/B	Plate,			washer	2	—	C	
28F/10801	AGS1143/C	Plug,			cone	12	—	C	
	177P2433	PIPE,			FEED, COUPLING TO ADAPTOR AT RIB No. 1, REAR SPAR, PORT, 3/4" o/d x 20G x 1' 0" LONG, GROUP	1	DTD323A		
	205P2433	PIPE,			SPRAY, FROM FORWARD COUPLING BETWEEN RIBS 1 & 2, GROUP	1	DTD323A		
	206P2433	PIPE,			SPRAY, FROM AFT COUPLING BETWEEN RIBS 1 & 2, GROUP	1	DTD323A		

SHACKLETON Mk. 3

**SERVICES**  
**FIRE PROTECTION**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, FOR FUEL TANKS, CENTRE PORTION INNER MAINPLANE, PORT &amp; STARBOARD (3 &amp; 4Z8019) (P3103) (Cont'd)</b>							
	178P2433	PIPE, FEED, COUPLING TO ADAPTOR AT RIB No. 1, REAR SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 2' 0" LONG, GROUP				1	DTD323A		
7793	179P2433	PIPE, FEED, COUPLING TO ADAPTOR, AT RIB No. 1, REAR SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 1' 7" LONG, GRP.				1	DTD323A		
7794	180P2433	PIPE, FEED, COUPLING TO ADAPTOR AT RIB No. 1, REAR SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 1' 7" LONG, GRP.				1	DTD323A		
	181P2433	PIPE, FEED, COUPLING TO COUPLING BETWEEN RIBS 10A-11, $\frac{3}{8}$ " o/d x 20G x 10" LONG, GROUP				1	DTD323A		
12382	189P2433	PIPE, SPRAY, BETWEEN RIBS 1-5, AT REAR SPAR, $\frac{3}{8}$ " o/d x 20G x 5' 8" LONG, GROUP				1	DTD323A	C	
12383	190P2433	PIPE, SPRAY, BETWEEN RIBS 5-7A AT REAR SPAR, $\frac{3}{8}$ " o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A	C	
12384	191P2433	PIPE, SPRAY, BETWEEN RIBS 8-13, AT REAR SPAR, $\frac{3}{8}$ " o/d x 20G x 7' 8" LONG, GROUP				1	DTD323A	C	
12385	192P2433	PIPE, SPRAY, BETWEEN RIBS 13-17A, AT REAR SPAR, $\frac{3}{8}$ " o/d x 20G x 8' 0" LONG, GROUP				1	DTD323A	C	
12386	195P2433	PIPE, SPRAY, BETWEEN RIBS 13A-17A, FRONT SPAR, $\frac{3}{8}$ " o/d x 20G x 6' 7" LONG, GROUP				1	DTD323A	C	
12387	196P2433	PIPE, SPRAY, BETWEEN RIBS 11-13A, FRONT SPAR, $\frac{3}{8}$ " o/d x 20G x 5' 1" LONG, GROUP				1	DTD323A	C	
12388	197P2433	PIPE, SPRAY, BETWEEN RIBS 7A-10, FRONT SPAR, $\frac{3}{8}$ " o/d x 20G x 5' 7" LONG, GROUP				1	DTD323A	C	
12389	198P2433	PIPE, SPRAY, BETWEEN RIBS 7B-7A, FRONT SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 7" LONG, GROUP				1	DTD323A	C	

**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
		<b>FIRE PROTECTION, METHYL BROMIDE, FOR FUEL TANKS, CENTRE PORTION INNER MAINPLANE, PORT &amp; STARBOARD (3 &amp; 4Z8019) (P3103) (Cont'd)</b>				
7290	199P2433	PIPE, SPRAY, BETWEEN RIBS 7B-7A, FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 10" LONG, GROUP	1	DTD323A		
7291	200P2433	PIPE, SPRAY, BETWEEN RIBS 6A-7B, FRONT SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 10" LONG, GROUP	1	DTD323A		
7292	201P2433	PIPE, SPRAY, BETWEEN RIBS 6A-7B, FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 10" LONG, GROUP	1	DTD323A		
7293	202P2433	PIPE, SPRAY, BETWEEN RIBS 1-2, FRONT SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 1' 6" LONG, GROUP	1	DTD323A		
7294	203P2433	PIPE, SPRAY, BETWEEN RIBS 1-2, FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 1' 6" LONG, GROUP	1	DTD323A		
7295	204P2433	PIPE, SPRAY, BETWEEN RIBS 2-6A, FRONT SPAR, $\frac{3}{8}$ " o/d x 20G x 8' 0" LONG, GROUP	1	DTD323A		
7296	212P2433	PIPE, FEED, BETWEEN RIBS 8-10A, FRONT SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 4' 3" LONG, GROUP	1	DTD323A		
7297	213P2433	PIPE, FEED, BETWEEN RIBS 8-10A, FRONT SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 4' 3" LONG, GROUP	1	DTD323A		
12390	216P2433	PIPE, FEED, BETWEEN RIBS 7A-7C, AT REAR SPAR, PORT, $\frac{3}{8}$ " o/d x 20G x 2' 0" LONG, GROUP	1	DTD323A		
12391	217P2433	PIPE, FEED, BETWEEN RIBS 7A-7C, AT REAR SPAR, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 2' 0" LONG, GROUP	1	DTD323A		
12392	219P2433	PIPE, FEED, FROM ADAPTOR TO COUPLING, BETWEEN RIBS 7-7B, PORT, $\frac{3}{8}$ " o/d x 20G x 1' 2" LONG, GRP.	1	DTD323A		
12393	220P2433	PIPE, FEED, FROM ADAPTOR TO COUPLING BETWEEN RIBS 7-7B, STARBOARD, $\frac{3}{8}$ " o/d x 20G x 1' 2" LONG, GROUP	1	DTD323A		
	256P3103	PIPE, FEED, ADAPTOR TO 6LB BOTTLE BETWEEN RIBS 7 & 7B, PORT, GROUP	1	DTD323A		

SHACKLETON Mk. 3

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, FOR FUEL TANKS, CENTRE PORTION INNER MAINPLANE, PORT &amp; STARBOARD (3 &amp; 4Z8019) (P3103) (Cont'd)</b>							
12373	259P3105	PIPE, FEED, FROM COUPLING TO COUPLING FOR OUTER WING AT REAR SPAR, PORT, 3/4" o/d x 20G x 1' 11" LONG, GROUP				1	DTD323A		
12374	260P3103	PIPE, FEED, FROM COUPLING TO COUPLING FOR OUTER WING AT REAR SPAR, STARBOARD, 3/4" o/d x 20G x 1' 11" LONG, GROUP				1	DTD323A		
28S/14005	A32/B14	Screw, rd.hd, 4 BA ... ..				52	—	C	
	148P2433	Sleeve, inner, port ... ..				2	—		
1872	146P2433	Sleeve, inner, starboard ... ..				2	—	C	
26DC/9418	4SS3318	Strip, bonding ... ..				60	—		
	10SS3318	Strip, bonding ... ..				5	—		
28F/9718	AGS1119/F	Tee ... ..				2	—	C	
28F/9724	AGS1120/10	Tee, cone ... ..				2	—	C	
28F/9705	AGS1102/C	Union, cone, 3/8" BSP ... ..				9	—	C	
28F/9876	AGS1103/F	Union, adaptor ... ..				1	—	C	
28F/11232	AGS1112/F	Union, bulkhead ... ..				2	—	C	
28F/10380	AGS1167/F	Union, elbow, 3/4" ... ..				2	—	C	
1873	149P2433	Union, reducing ... ..				1	—	C	
28W/9419402	SP/13C	Washer ... ..				167	—	C	
28W/9418921	SP/13E	Washer ... ..				11	—	C	
28W/9418474	SP/15B	Washer ... ..				120	—	C	
28W/9419404	SP/16C	Washer ... ..				6	—	C	
		<b>FIRE PROTECTION, METHYL BROMIDE, TRAILING EDGE, INNER MAINPLANE, PORT &amp; STBD. (5 &amp; 6Z8019) (P3103)</b>							
		Spares for :—							
27N/100	—	Bottle, fire extinguisher ... ..				1	—	A	
	GRAVINER LTD.								
	262E	Bracket, mounting ... ..				1	—		
13424	10SS3859	Clip, for pipes ... ..				10	—		
		<b>MOUNTING, FIRE EXTINGUISHER BOTTLE, PORT AND STARBOARD (3 &amp; 4Z5222)</b>							
		Spares for :—							
1724	12Z5222	Bracket ... ..				1	DTD310A		
	6SS3512	Clip, pipe ... ..				1	DTD310A		
12375	269P3103	PIPE, FEED, BETWEEN UNIONS, IN-BOARD OF RIB 16B, GROUP				1	DTD323A		
12376	270P3103	PIPE, FEED, BETWEEN UNIONS, IN-BOARD OF RIBS 16A & 16B, PORT, GROUP				1	DTD323A		
12377	271P3103	PIPE, FEED, BETWEEN UNIONS, IN-BOARD OF RIBS 16A & 16B, STARBOARD, GROUP				1	DTD323A		

SHACKLETON Mk. 3

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**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Place and Illustr'n No.
					St.	
		1 2 3 4			M.R.	
12841	205P3103	PIPE, FEED, COUPLING TO UNION AT T.E. RIB 8, STARBOARD, GROUP	1	DTD323A	C	
12380	275P3103	PIPE, FEED, UNION AT RIB 18 TO UNION AT RIB 19, STARBOARD, GROUP	1	DTD323A	C	
12379	273P3103	PIPE, FEED, UNION AT RIB 19 TO TEE-PIECE AT No. 5 TANK, STARBOARD, GROUP	1	DTD323A	C	
12381	274P103	PIPE, FEED, UNION AT RIB 18 TO UNION AT RIB 19, PORT, GROUP	1	DTD323A	C	
12378	272P3103	PIPE, FEED, UNION AT RIB 19 TO TEE-PIECE AT No. 5 TANK, PORT, GROUP	1	DTD323A	C	
12362	236P3103	PIPE, FEED, BETWEEN RIBS 8-11, $\frac{3}{4}$ " o/d x 20G x 4' 4" LONG, GROUP	1	DTD323A	C	
12363	237P3103	PIPE, FEED, BETWEEN T.E. RIB 10 AND HINGE RIB 12, $\frac{3}{4}$ " o/d x 20G x 2' 5" LONG, GROUP	1	DTD323A	C	
12364	238P3103	PIPE, FEED, FROM HINGE RIB 12 TO RIB 15; $\frac{3}{4}$ " o/d x 20G x 5' 10" LONG, GROUP	1	DTD323A	C	
12371	257P3103	PIPE, FEED, COUPLING TO OUTER WING AT RIB No. 1, PORT, $\frac{3}{4}$ " o/d x 20G x 1' 6" LONG, GROUP	1	DTD323A	C	
12372	258P3103	PIPE, FEED, COUPLING TO OUTER WING AT RIB No. 1, STARBOARD, $\frac{3}{4}$ " o/d x 20G x 1' 6" LONG, GROUP	1	DTD323A	C	
		<b>FIRE PROTECTION, METHYL BROMIDE, PIPES AND FLAME CORD, IN REAR CENTRE PORTION (Z8016) (P3103)</b>				
		Spares for:—				
	3Z8016	<b>BLOCK, DISTRIBUTOR, GROUP ...</b>	1	—		
		Consisting of:—				
28F/10798	AGS1129/B	Banjo, coupling, $\frac{1}{2}$ " BSP ... ..	1	—	C	
28F/11170	AGS1129/D	Banjo, coupling, $\frac{1}{2}$ " BSP ... ..	1	—	C	
	3aZ8016	Block ... ..	1	DTD130		
28F/10018	AGS1135/B	Bolt, banjo, $\frac{1}{4}$ " BSP ... ..	1	—	C	
28F/9746	AGS1135/D	Bolt, banjo, $\frac{1}{4}$ " BSP ... ..	1	—	C	
27N/87	—	Bracket, extinguisher mounting ...	1	—	C	
28F/9709	AGS1104/D	Coupling, pipe, $\frac{1}{2}$ " BSP ... ..	1	—	C	
28F/11538	AGS1105/F	Coupling, pipe, $\frac{3}{4}$ " BSP ... ..	1	—	C	
	9Z8021	<b>CLIP, GROUP ... ..</b>	2	—		

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, PIPES AND FLAME CORD IN REAR CENTRE PORTION (Z8016) (P3103)</b> (Contd)							
10045	7Z8016	Clip, flame cord	...	...	...	6	—	C	
10046	8Z8016	Clip, flame cord	...	...	...	7	—	C	
9684	1SS2868	Clip, for pipes	...	...	...	8	—	C	
	6SS3859	Clip, for pipes	...	...	...	6	—		
	10SS3859	Clip, for pipes	...	...	...	1	—		
27N/100	—	Extinguisher, fire, 6 lb.	...	...	...	1	—	A	
	235P3103	PIPE, FEED, BOTTLE 6 lb. EXTINGUISHER TO CROSS-PIECE IN No. 3 HEATER PIPE LINE, 3/8" o/d x 20G x 2' 9" LONG, GROUP				1	DTD323A		
9680	100P3103	PIPE, SPRAY, TEE-PIECE TO No. 3 HEATER, 1/2" o/d x 20G x 4' 0" LONG, GROUP				1	DTD253A	C	
9681	101P3103	PIPE, SPRAY, TEE-PIECE TO No. 3 HEATER, 1/2" o/d x 20G x 4' 1" LONG, GROUP				1	DTD253A	C	
9683	104P3103	PIPE, FEED, TEE-PIECE TO No. 3 HEATER, 1/2" o/d x 20G x 1' 5" LONG, GROUP				1	DTD253A	C	
27N/61	—	Switch, flame	...	...	...	1	—	A	
		<b>FIRE PROTECTION, METHYL BROMIDE, OUTER MAINPLANE, PORT &amp; STARBOARD (1 &amp; 2Z8020) (P3103)</b> Spares for :—							
13910	6SS3266	Clip, pipe, port	...	...	...	1	L72	C	
	6SS3512	Clip, pipe, starboard	...	...	...	1	L72		
	4SS3859	CLIP, PIPE, GROUP	...	...	...	7	—		
1722	74P2433	Clip, pipe	...	...	...	34	S3	C	
	10SS3859	Clip, pipe	...	...	...	3	—		
	4SS3360	Packing, for clips	...	...	...	34	Novatex		
	10SS3860	Packing	...	...	...	1	Novatex		
	223P3103	PIPE, SPRAY, COUPLING TO COUPLING AT RIB 19, PORT, 3/8" o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A		
	224P3103	PIPE, SPRAY, COUPLING TO COUPLING AT RIB 19, STARBOARD, 3/8" o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A		
	225P3103	PIPE, SPRAY, COUPLING TO COUPLING AT RIB 37, PORT, 3/8" o/d x 20G x 4' 2" LONG, GROUP				1	DTD323A		

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, OUTER MAINPLANE, PORT &amp; STARBOARD (1 &amp; 2Z8020) (P3103) (Cont'd)</b>							
	226P3103	PIPE, SPRAY, COUPLING TO COUPLING, STARBOARD, 3/8" o/d x 20G x 4' 3" LONG, GROUP				1	DTD323A		
	227P3103	PIPE, SPRAY, REAR SPAR RIB 19-23, 3/8" o/d x 20G x 2' 3" LONG, GROUP				1	DTD323A		
	228P3103	PIPE, SPRAY, REAR SPAR, RIB 23-27, 3/8" o/d x 20G x 3' 11" LONG, GROUP				1	DTD323A		
	229P3103	PIPE, SPRAY, REAR SPAR, RIB 27-37, 3/8" o/d x 20G x 6' 11" LONG, GROUP				1	DTD323A		
	230P3103	PIPE, SPRAY, FRONT SPAR, RIB 27-37, 3/8" o/d x 20G x 6' 10" LONG, GROUP				1	DTD323A		
	231P3103	PIPE, SPRAY, FRONT SPAR, RIB 19-27, 3/8" o/d x 20G x 6' 3" LONG, GROUP				1	DTD323A		
	10SS3318	Strip, bonding, for clip ... ..				1	L4	C	
	4SS3318	Strip, bonding, for clip ... ..				34	L4	C	
	8SS3550	Union, cone, 3/8" ... ..				1	DTD423	C	
		<b>FIRE PROTECTION, METHYL BROMIDE, IN OUTBOARD NACELLE, PORT &amp; STARBOARD (Z8021) (Z8022) (P3103)</b>							
		Spares for :—							
	87P2433	Adaptor ... ..				2	—	C	
	—	Bottle, 12 lb. engine extinguisher ... ..				1	—	A	
	—	Bottle, 6 lb. extinguisher ... ..				7	—	A	
	—	Bracket, mounting, 6 lb. extinguisher ... ..				7	—	B	
	16Z5468	Bracket, clips, 6 lb. extinguisher ... ..				4	—		
	97P2433	Bracket, clip ... ..				P6	S3	C	
						S8			
	1Z7997	Bracket, mounting, bottle ... ..				1	L72		
	2Z7997	Bracket, mounting, bottle ... ..				1	L72		
	AU5/SS4234	Clip, half, for pipes ... ..				8	—		
	AU9/SS4234	Clip, half, port, for pipes ... ..				2	—		
	AM5/SS4234	Clip, half, for pipes ... ..				4	—		
	10SS3316	Clip, for pipes ... ..				7	—	C	
	4SS3316	Clip, for pipes ... ..				S6	—	C	
						P10			

26DC/9481  
13142

1671  
27N/99  
27N/100  
27N/87

1721

SHACKLETON Mk. 3

SERVICES  
FIRE PROTECTION

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Ref. No.	Part No.	Description				No. off	Mater. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>FIRE PROTECTION, METHYL BROMIDE, IN OUTBOARD NACELLE, PORT &amp; STBD. (Z8021) (Z8022) (P3103) (Cont'd)</b>									
1704	15SS1862	Clip, half, for pipes	...	...	...	1	—	C	
3929	33SS1863	Clip, half, for pipes	...	...	...	1	—	C	
13711	10SS1861	Clip, starboard, for pipes	...	...	...	1	—	C	
26DD/13359	14SS2819	Clip, for pipes	...	...	...	1	—	C	
	AM11/SS4234	Clip, half, starboard, for pipes	...	...	...	2	—	C	
26DC/4439	24SS3863	Clip, for pipes	...	...	...	1	—	C	
13420	10SS3859	Clip, starboard, for pipes	...	...	...	2	—	C	
13183	24SS3264	Clip, starboard, for pipes	...	...	...	2	—	C	
	30SS3264	Clip, for pipes	...	...	...	2	—	C	
27N/52	—	Clip, for pipes	...	...	...	16	—	C	
	9Z8021	Clip, water methanol system...	...	...	...	1	—	C	
10762	17P3093	Clip, No. 5 tank feed pipes	...	...	...	8	—	C	
	147P2437	Clip, water methanol system, port	...	...	...	1	—	C	
	4aSS3742	Hose, connection, water methanol system,	3/8" i/d x 5/8" o/d x 1 1/2" long			1	—	C	
12829	185P3103	PIPE, FEED, UNION TO ADAPTOR, BULKHEAD, 12 lb. EXTINGUISHER, STARBOARD, 3/4" o/d x 20G x 4' 9" LONG, GROUP				1	DTD323A	C	
12830	186P3103	PIPE, FEED, BOTTLE, 12 lb. EXTINGUISHER TO UNION, STARBOARD, 3/4" o/d x 20G x 2' 0" LONG, GROUP				1	DTD323A	C	
	187P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER TO BULKHEAD, PORT, 1/2" o/d x 20G x 3' 1" LONG, GROUP				1	DTD323A	C	
	188P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER, TO BULKHEAD, STBD., 1/2" o/d x 20G x 9" LONG, GROUP				1	DTD323A	C	
12831	189P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER, ALONG ENGINE SUB-FRAME FRONT TO FIRE EXTINGUISHER, No. 4 TANK, PORT, 3/4" o/d x 20G x 3' 6" LONG, GROUP				1	DTD323A	C	
12832	190P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER, ALONG ENGINE SUB-FRAME TO FIRE EXTINGUISHER, No. 4 TANK, STARBOARD, 3/4" o/d x 20G x 3' 7" LONG, GROUP				1	DTD323A	C	
12833	191P3103	PIPE, FEED, BOTTLE, 6 lb. EXTINGUISHER ALONG ENGINE SUB-FRAME TO FIRE EXTINGUISHER, No. 4 TANK, REAR PORT, 3/4" o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A	C	

SHACKLETON MK. 3

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**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>FIRE PROTECTION, METHYL BROMIDE, IN OUTBOARD NACELLE, PORT &amp; STBD. (Z8021) (Z8022) (P3103) (Cont'd)</b>									
12834	192P3103					1	DTD323A	C	
	193P3103					1	DTD323A		
	194P3103					1	DTD323A		
	195P3103					1	DTD323A		
	196P3103					1	DTD323A		
	197P3103					1	DTD323A		
	198P3103					1	DTD323A		
12835	199P3103					1	DTD323A	C	
12836	200P3103						DTD323A	C	
12837	201P3103						DTD323A	C	

SHACKLETON Mk. 3

SERVICES  
FIRE PROTECTION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FIRE PROTECTION, METHYL BROMIDE, IN OUTBOARD NACELLE, PORT &amp; STARBOARD (Z8021) (Z8022) (P2103) (Cont'd)</b>							
	202P3103	PIPE, FEED, TEE-PIECE, BOTTLE CONNECTION TO COUPLING IN No. 5 TANK REAR PIPE-LINE, PORT, 3/4" o/d x 20G x 2' 10" LONG, GROUP				1	DTD323A		
	203P3103	PIPE, FEED, TEE-PIECE, BOTTLE CONNECTION TO COUPLING IN No. 5 TANK REAR PIPE-LINE, STARBOARD, 3/4" o/d x 20G x 2' 9" LONG, GROUP				1	DTD3323A		
	232P3103	PIPE, FEED, BOTTLE, 12 lb. EXTINGUISHER, TO BULKHEAD, PORT, 3/4" o/d x 20G x 3' 8" LONG, GROUP				1	DTD54 23A		
27N/61	102P2433	Piece, distance ... ..				8	L		
	—	Switch, flame ... ..				1	—	A	
	GRAVINER 972E8	Tee-piece, adaptor ... ..				1	—		
	8SS3550	Union, pipe ... ..				1	—		
		<b>MOUNTING OF FLAME CORDS AND SWITCHES, No. 1 TANK IN CENTRE PORTION, PORT AND STARBOARD (Z8081)</b>							
		Spares for :—							
13800 27N/52	1Z5213	Bracket, for flame switch ... ..				4	L72		
	6SS3859	Clip ... ..				1	—	C	
	—	Clip, for cord ... ..				50	—	C	
	3Z8081	CONDUIT, PORT, GROUP ... ..				1	—		
	4Z8081	CONDUIT, STARBOARD, GROUP ...				1	—		
	5Z8081	CONDUIT, GROUP ... ..				1	—		
27N/61	6Z8081	Fairlead, 1-8" x .9" x 1/4" thick ... ..				4	BSS972		
	—	Switch, body ... ..				4	—	A	
		<b>MOUNTING OF FLAME CORDS AND SWITCHES, No. 5 TANK, IN OUTER WING, PORT AND STARBOARD (1 &amp; 2Z8082)</b>							
		Spares for :—							
1727	5Z5213	Bracket, for flame switch ... ..				2	L72	C	
	5Z8082	Bracket ... ..				2	L72		
27N/52 27N/61	AQ5/SS4234	Clip, half ... ..				2	—		
	AQ8/SS4234	Clip, half ... ..				2	—		
	—	Clip, for cord ... ..				46	—	C	
	—	Switch, flame ... ..				4	—	A	

**SERVICES**  
**FIRE PROTECTION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MOUNTING OF FLAME CORDS AND SWITCHES IN INNER WING, PORT AND STARBOARD (1 &amp; 2Z5213)</b>							
		Spares for :—							
27N/52	5Z5213	Bracket, for flame switch	...	...	...	6	L72	C	
	—	Clip, flame cord	...	...	...	79	—		
	3Z5213	CONDUIT TUBE, GROUP	...	...	...	2	—		
	4Z5213	CONDUIT TUBE, GROUP	...	...	...	2	—		
	5Z5222	MOUNTING, SWITCH, AT RIB 1, GROUP	...	...	...	1	—		
		Consisting of :—							
	8Z5222	Fairlead, complete	...	...	...	1	—	C C C A	
	9Z5222	Fairlead, complete	...	...	...	1	—		
28M/12	AGS2007/E/1	Nut, anchor	...	...	...	4	—		
28Q/10432	AS2230/304	Rivet, csk.hd, $\frac{3}{8}$ " dia.	...	...	...	8	—		
28Q/6638	AS2227/404	Rivet, sn.hd, $\frac{1}{8}$ " dia.	...	...	...	4	—		
27N/61	—	Switch, flame	...	...	...	6	—		

SERVICES—FIRE PROTECTION & HAND EXTINGUISHER

SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
26DD	13359	1	28D	12707	4	28Q	6638	4
			28D	13447	7	28Q	10432	8
			28D	14194	6			
						28S	14005	52
27IY	52	253						
27N	61	12						
27N	62	4	28M	10287	306			
27N	63	9	28M	10288	307	28W	12252	167
27N	71	4	28M	10290	20	28W	12253	11
27N	84	4	28M	11491	2	28W	12306	298
27N	85	4	28M	12249	4	28W	12355	6
27N	87	11						
27N	99	2						
27N	100	14						
			28F	8235	32			
			28F	9619	16			
28D	11564	15	28F	9620	32			
28D	11937	24	28F	9705	28			
28D	12512	178	28F	9708	1			
28D	12513	48	28F	9709	1			
28D	12514	6	28F	9718	2			
28D	12515	12	28F	9724	2			
28D	12516	3	28F	9746	5			
28D	12517	26	28F	9876	1			
28D	12528	178	28F	9878	4			
28D	12531	20	28F	10018	2			
28D	12533	8	28F	10380	1			
28D	12534	24	28F	10798	2			
28D	12536	2	28F	10801	12			
28D	12537	4	28F	11170	5			
28D	12538	184	28F	11232	6			
28D	12539	15	28F	11538	2			
28D	12540	12	28F	11581	8			
28D	12368	4	28F	12048	3			
28D	12629	6	28F	12049	1			
28D	12630	4						



SHACKLETON Mk. 3

SERVICES

FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<p><b>FUEL INSTALLATION ASSEMBLIES, COMPLETE (P3053)</b></p> <p><b>FUEL SYSTEM, CENTRE PORTION, MAINPLANE, PORT AND STARBOARD (124 &amp; 131P3053)</b></p> <p>Spares for :—</p>									
	25P2437					1	L72		
	26P2437					5	L72		
28D/12513	A25/2/C					7	—	C	
28E/8183 13424	AGS605/1 10SS3859					4	—	C	
						5	—	C	
<p><b>DRAIN, FILLER, No. 1 TANK, PORT AND STARBOARD (10 &amp; 18P3102)</b></p> <p>Spares for :—</p>									
28E/8183	AGS605/1					2	—	C	
	8P2453					1	DTD625A Type 1		
	5P3102					1	L56		
<p><b>PIPE, DRAIN, FIXED BETWEEN JOINTS, PORT AND STARBOARD (15 &amp; 16P3102)</b></p> <p>Consisting of :—</p>									
28D/12512	A25/1C					3	—	C	
28E/8183 13421	AGS605/1 13/SS/3859 8P2453					2	—	C	
						3	—	C	
						1	DTD625A Type 1		
28M/10288 12480	AGS2001/C1 12P3102					3	—	C	
						1	DTD323A	C	
12481	13P3102					1	DTD323A	C	
12482	14P3102					1	DTD323A	C	
28W/9419475	SP15C					2	—	C	
	120P3053					3	—		
<p><b>FAIRLEAD, FOR 3/4" o/d PIPES ALONG RIB 31, STARBOARD, GROUP</b></p>									
	247P3053					2	DTD625A Type 1		
	245P3053					2	DTD625A Type 1		
<p><b>INSTALLATION, No. 1 FUEL TANK, PORT AND STARBOARD (P3105)</b></p> <p>Spares for :—</p>									
28D/8342 4724	AS1248/2C 3P2932					6	—	C	
						1	—	C	

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**FUEL INSTALLATION**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St.	and
		1 2 3 4			M.R.	Illust'n No.
<b>INSTALLATION, No. 1 FUEL TANK, PORT AND STARBOARD (P3105) (Cont'd)</b>						
<b>INSTALLATION, No. 1 FUEL PUMP (26P2911)</b>						
Spares for :—						
28D/12518	A25/2/E	Bolt, hex.hd, $\frac{1}{4}$ " BSF x .7" long, attachment of pump to bracket	2	—	C	
5019	13P2911	Bolt, special, 2 BA x $2\frac{7}{8}$ " long, attachment of pump	4	S96	C	
5021	15P2911	Bolt, special, 2 BA x $1\frac{3}{4}$ " long, attachment of pump	8	S96	C	
7976	22P2911	PIPE, DRAIN, $\frac{1}{2}$ " o/d x 22G, FROM PUMP, GROUP	1	DTD310	C	
5UE/4986	—	Pump, pulsometer, type FB6 Mk. 3, aft engine bulkhead	1	—	A	
28F/10504	AGS1109/G	Union, reducing, $1\frac{1}{2}$ " BSP to 1" BSP on feed pipe to pump	1	—	C	
4575	7P2911	Washer, special, $1\frac{1}{2}$ " o/d x $\frac{3}{8}$ " i/d, pump body to base	4	L40	C	
4576	15P2915	Washer, sealing, 4" i/d x $5\frac{1}{4}$ " o/d, pump body to base	1	DTD219A	C	
28W/9419454	SP/10/C	Washer, thin, 2 BA. ... ..	4	—	C	
28W/9418920	SP/10/E	Washer, thin, $\frac{1}{4}$ " BSF. ... ..	4	—	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA. ... ..	16	—	C	
10694	11P3150	PIPE, FUEL FEED, 1" x $14\frac{1}{2}$ " LONG, PUMP TO ACTUATOR, GROUP	1	Flylite	B	
8073	1P3613	TANK, FUEL, No. 1, PORT, GROUP (Mod. 859) (Pre-Mod. 1100)	1	—	A	
8095	1P3785	TANK, FUEL, No. 1, PORT, GROUP (Mod. 1100)	1	—	A	
8074	2P3613	TANK, FUEL, No. 1, STARBOARD, GROUP (Mod. 859) (Pre-Mod. 1100)	1	—	A	
8096	2P3785	TANK, FUEL, No. 1, STARBOARD, GROUP (Mod. 1100) (See :—Tanks—Fuel)	1	—	A	
28W/9419475	SP15C	Washer, 2 BA. ... ..	16	—	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA. ... ..	1	—	C	
12446	181P3053	PIPE, FUEL, FEED, $\frac{3}{4}$ " o/d x 20G JOINT, AFT FRONT SPAR, ALONG RIB 31 TO JOINT, PORT, GROUP	1	DTD323A	C	
12447	182P3053	PIPE, FUEL, FEED, $\frac{3}{4}$ " o/d x 20G JOINT AFT FRONT SPAR, ALONG RIB 31 TO JOINT, STARBOARD, GROUP	1	DTD323A	C	
12448	183P3053	Pipe, fuel, feed, $\frac{3}{4}$ " o/d x 20G joint at tank to joint o/b faces of rib 31, port	1	DTD323A	C	

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**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>FUEL SYSTEM, CENTRE PORTION MAINPLANE, PORT AND STARBOARD (3 &amp; 4P3053) (Cont'd)</b>									
12449	184P3053					1	DTD323A	C	
12437	172P3053					1	DTD323A		
12438	173P3053					1	DTD323A		
12439	174P3053					1	DTD323A	C	
<b>PIPES VENT IN MAINPLANE CENTRE PORTION (15 &amp; 16P3151)</b>									
Spares for :—									
	12P3151					1	L72		
13897	1SS3867					1	DTD275	C	
28D/9436920	A25/1/C					3	—	C	
28D/11210	AS1246/3/C					4	—	C	
13898	22SS3859					3	—	C	
28E/8183	AGS605/1					2	—	C	
28E/9429610	AGS605/2					10	—	C	
	14P3151					2	BS972		
	244P3053						DTD625A Type 1		
	245P3053					1	DTD625A Type 1		
	249P3053					2	DTD625A Type 1		
28M/10288	AGS2001/C/1					6	—	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Ct. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
		<b>PIPES, VENT, IN MAINPLANE CENTRE PORTION (P3151) (Cont'd)</b>				
9046	3P3151	PIPE, VENT, 1½" x 20G x 14" LONG VENT ELBOW TO I/B ENGINE RIB, PORT, GROUP	1	L54	C	
9047	4P3151	PIPE, VENT, WITH STUB 1½" x 14" WITH STUB PIPE 1" x 20G x 2½" LONG VENT ELBOW TO I/B ENGINE RIB, STBD., GROUP	1	L54	C	
9048	5P3151	PIPE, VENT, 1½" x 20G x 12" I/B ENGINE RIB TO JOINT AT INTERMEDIATE RIB, PORT, GROUP	1	L54	C	
9049	6P3151	PIPE, VENT, WITH STUB 1½" x 20G x 12" STUB PIPE ¾" x 22G x 2½" I/B ENGINE RIB TO JOINT AT I/B INTERMEDIATE RIB, STARBOARD, GROUP	1	L54	C	
9051	7P3151	PIPE, VENT, ANGLED 90° WITH STUB 1½" x 20G STUB PIPE ¾" x 22G x 2½" LONG O/B ENGINE RIB TO JOINT, OUTBOARD, PORT, GRP.	1	L54	C	
9052	8P3151	PIPE, VENT, ANGLED 90° 1½" x 20G x 4" O/B ENGINE RIB TO JOINT, OUTBOARD, STARBOARD, GRP.	1	L54	C	
12478	46P3151	PIPE, VENT, 1½" x 20G x 36" BETWEEN I/B AND O/B INTERMEDIATE ENGINE RIBS, GROUP	1	DTD323A	C	
	47P3151	PIPE, VENT, ¾" x 22G x 30" STUB PIPE TO FRONT SPAR, STARBOARD, GROUP	1	DTD323A		
	48P3151	PIPE, VENT, ¾" x 22G x 30" STUB PIPE TO FRONT SPAR, PORT, GROUP	1	DTD323A		
28W/9419475	SP15/C	Washer, thin, 2 BA	1	—	C	
		<b>FUEL SYSTEM TO OVERLOAD TANK IN FUSELAGE CENTRE PORTION (123P3053) (Mod. 654)</b>				
		Spares for :—				
13421	14SS3859	Clip, pipe, 1" for rubber hose 1⅜" o/d to 1" pipe joints	2	—	C	
27F/2151	AIRCRAFTINGS 2032Q	Cock, 3-way, complete with handle No. 1252/2	1	—	A	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FUEL SYSTEM TO OVERLOAD TANK IN FUSELAGE CENTRE PORTION (17P3053) (Cont'd)</b>							
27ZA/14	EXTRACTOR CONTROL CO. 5916	Coupling, 3/4" on fuel pipes below fuselage floor				1	—	A	
27ZA/15	EXTRACTOR CONTROL CO. 5919	Coupling, 1" on vent pipe below fuselage floor				1	—	A	
28F/10380	AGS1167/F	Elbow, 90° on 1/2" fuel pipes ... ..				1	—	C	
12440	175P3053	PIPE, FEED, 3/4" o/d x 20G FUEL COUPLING TO NON-RETURN VALVE, GROUP				1	DTD323A	C	
12441	176P3053	PIPE, FUEL, 3/4" o/d x 20G NRV. TO 3-WAY COCK, GROUP				1	DTD323A	C	
12442	177P3053	PIPE, FUEL, 3/4" o/d x 20G FUEL COCK TO UNION, PORT, GROUP				1	DTD323A	C	
12443	178P3053	PIPE, FUEL, 3/4" o/d x 20G FUEL COCK TO UNION, STARBOARD, GROUP				1	DTD323A	C	
12444	179P3053	PIPE, FUEL, 3/4" o/d x 20G UNION TO ADAPTOR, PORT, GROUP				1	DTD323A	C	
	231P3053	PIPE, FUEL, 3/4" o/d x 20G UNION TO ADAPTOR, STARBOARD, GROUP				1	DTD323A		
12452	187P3053	PIPE, FUEL, 3/4" o/d x 20G BETWEEN UNIONS, IN LINE FROM FUEL COCK, STARBOARD, GROUP				1	DTD323A	C	
9084	63P3053	PIPE, VENT, 1" o/d x 20G COUPLING TO UNION, STARBOARD, GROUP				1	L54	C	
12435	170P3053	PIPE, VENT, 1" o/d x 20G BETWEEN UNIONS, STARBOARD, GROUP				1	DTD323A		
12436	171P3053	PIPE, VENT, 1" o/d x 20G UNION TO JOINT AT RIB 31, STBD., GROUP				1	DTD323A		
28F/9876	AGS1103/F	Union, 3/4" on fuel pipe below fuselage floor				3	—	C	
28F/9707	AGS1103/H	Union, 1" vent pipe below fuselage floor ...				2	—	C	
	SELF PRIMING PUMP & ENG. Co. Ltd.								
27F/2155	P22A.MK2	Valve, non-return 3/4" ... ..				1	—	A	
28W/9419405	SP15E	Washer, 1/2" BSF x 18G ... ..				8	—	C	

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**FUEL INSTALLATION**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
		<b>FUEL SYSTEM IN FUSELAGE REAR CENTRE PORTION (122P3053)</b>				
		Spares for :—				
		<b>GUARD, FOR FUEL BALANCE PIPE IN REAR CENTRE PORTION FUSELAGE, GROUP (P3129)</b>				
		Consisting of :—				
28D/12568	A25/22C	Bolt, hex.hd, 2 BA x 2.65" long, attachment of half clips to bracket	6	—	C	
28D/9588	AS1248/3C	Bolt, mush.hd, 2 BA x .7" long, attachment of tube to skin	8	—	C	
9044	8P3129	Bracket, support, 4.12" x 2.25", for guard	3	L72	C	
9045	15/SS/4234/B1	Clip, half, 2½" dia. x 1.5" lug, for guard ...	3	—	C	
	5/SS4234/B1	Clip, half, 2½" dia. x .5" lug, for guard...	3	—	C	
	10P3129	Fairlead, 3.12" x 3.02" for attachment of 2½" pipe to skin	2	BSS972		
28M/10298	AGS2001/C1	Nut, stiff, 2 BA ... ..	8	—	C	
28Q/6638	AS2227/404	Rivet, ½" dia. x ½" long ... ..	6	—	C	
11524	7P3129	Tube, guard, for fuel pipe along rear spar	1	L56 or L54		
	9P3129	Washer, rubber ... ..	2	—		
28W/9419454	SP10C	Washer, thin, 2 BA ... ..	6	—	C	
28W/9419402	SP13C	Washer, thin, 2 BA mild steel ... ..	8	—	C	
9041	3P3150	<b>PIPE, FUEL, FLEXIBLE BALANCE MANIFOLD, PORT SIDE TO ACTUATOR STARBOARD SIDE, GROUP</b>	1	Flylite	B	
		<b>FUEL SYSTEM INNER MAINPLANE, PORT AND STARBOARD (125 &amp; 132P3053)</b>				
		Spares for :—				
28D/11210	AS1246/3C	Bolt, rd.hd, 2 BA x .7" long attachment of clips to nose ribs 1-7	6	—	C	
28D/12513	A25/2C	Bolt, hex.hd, 2 BA x .75" long attachment of clips to ribs	21	—	C	
	25P2437	Bracket, pipe clip ... ..	21	—		
13421	14SS3859	Clip, pipe to nose ribs ... ..	12	—	C	
28E/10154	AGS605/00	Clip, pipe, type J at pipe joints .. ..	4	—	C	
1723	22SS3859	Clip, pipe, 1½" dia. securing pipe to nose rib No. 1-7	12	—	C	
	246P3053	Hose, pipe, joint ½" i/d x ½" o/d x 2" (Make from Ref. 32C/407)	1	DTD625A Type 1		
	245P3053	Hose, pipe, joint 1" i/d x 1½" o/d x 2½" (Make from Ref. 32C/376)	4	DTD625A Type 1		
	244P3053	Hose, pipe, 1½" bore x 2½" long between ribs 13 and 13A, etc.	8	DTD625A		
	249P3053	Hose, pipe, 1½" bore x 2½" long at ribs 17-17B	2	DTD625A		
12460	195P3053	<b>PIPE, FEED, 1" o/d x 20G x 60" LONG FROM TIP TANK, PORT, GROUP</b>	1	DTD323A	C	
12461	196P3053	<b>PIPE, FEED, 1" o/d x 20G x 60" LONG FROM TIP TANK, STBD., GROUP</b>	1	DTD323A	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
<b>FUEL SYSTEM, INNER MAINPLANE, PORT AND STARBOARD (5 &amp; 6P3053) (Cont'd)</b>									
12432	164P3053	Pipe, feed, 1" o/d x 20G x 120" long from tip tank				1	DTD323A	C	
12433	165P3053	Pipe, feed, 1" o/d x 20G x 34" long between rib No. 7A and elbow				1	DTD323A	C	
	154P3053	<b>PIPE, FUEL, 3/8" o/d x 22G x 38" LONG, UNION TO FRONT SPAR, PORT, GROUP</b>				1	DTD323A		
	155P3053	<b>PIPE, FUEL, 1/4" o/d x 22G x 15" LONG, FRONT SPAR TO VENT STUB PIPE, GROUP</b>				1	DTD323A		
9054	21P3053	<b>PIPE, VENT, C/W STUB PIPES BETWEEN RIBS 6 &amp; 6A, PORT, GROUP</b>				1	L54	C	
9055	22P3053	<b>PIPE, VENT, 1 1/2" o/d x 20G x 20-75" LONG, BETWEEN RIBS 6 &amp; 6A, STARBOARD, GROUP</b>				1	L54	C	
	166P3053	Pipe, feed, from tip tank, between ribs 13 & 17A, port, 1" o/d x 20G x 82" long				1	DTD323A		
12427	160P3053	Pipe, vent, 1 1/2" o/d x 20G x 80" long between ribs 13-17				1	DTD323A	C	
12451	186P3053	Pipe, vent, 1 1/2" o/d x 20G x 62" long approx. between ribs 10 & 13A				1	DTD323A	C	
12450	185P3053	Pipe, vent, 1 1/2" o/d x 20G x 57" long approx. between ribs 7B & 10A				1	DTD323A	C	
12457	192P3053	Pipe, vent, 1 1/2" o/d x 20G x 15 1/2" long between ribs 17 & 18				1	DTD323A	C	
12458	193P3053	Pipe, vent, 1 1/2" o/d x 20G x 14 1/2" long between ribs 17 & 19				1	DTD323A	C	
7309	520P2437	Pipe, vent, 1 1/2" o/d x 17G x 27" long from rib 2 to fairlead port				1	DTD323A	C	
7315	524P2437	Pipe, vent, 1 1/2" o/d x 17G x 97" long between ribs 2A & 6A starboard				1	DTD323A	C	
12548	87P3053	Pipe, vent, C/W stub pipe between ribs 10 & 10A				1	L54		
27F/2843	A5426 Mk.A	Valve, non-return, aft of o/b engine bulkhead				1	—	A	
<b>VENT &amp; DRAIN, No. 2 TANK, PORT &amp; STARBOARD (10 &amp; 11P2920)</b>									
Spare for :—									
28D/12512	A25/1C	Bolt, hex.hd, 2 BA x 1" plain ... ..				2	—	C	
28E/8183	AGS605/1	Clip, hose, type J for pipe joints ... ..				8	—	C	
13421	145S3859	Clip, pipe, for 1" dia. pipes ... ..				2	—	C	
	245P3053	Hose, pipe, joint 1" i/d x 1 1/2" o/d x 2 1/4" (Make from Ref. 32C/376)				4	DTD625A Type 1		
28M/10288	AGS2001/C1	Nut, stiff, 2BA ... ..				2	—		
7313	521P2437	Pipe, drain, 1" o/d x 17G x 42" long ... ..				1	DTD323A		
7314	522P2437	Pipe, drain, 1" o/d x 17G x 45" long ... ..				1	DTD323A		
	137P2437	Pipe, drain, 1" o/d x 20G port ... ..				1	—		
	5P2920	Pipe, drain, 1" o/d x 20G, starboard ... ..				1	DTD323A		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illustr'n No.
		1	2	3	4			M.R.	
		<b>FUEL SYSTEM IN FUSELAGE CENTRE PORTION TRAILING EDGE, PORT &amp; STARBOARD (126 &amp; 133P3053)</b>							
		Spares for :—							
28D/12630	A25/19/C	<b>Bolt, 2 BA x 2.3" long for attachment of angle bracket</b>				8	—	C	
28D/12531	A25/3/C	<b>Bolt, 2 BA x .7" long for attachment of angle bracket</b>				16	—	C	
	28P2909	<b>Bracket, angle</b> ... ..				4	L72		
26DC/1628	253SS4095	<b>Clip, half, 2 1/8" dia. x 1.3" lug on ribs 25 &amp; 31</b>				1	—	C	
1704	15SS1862	<b>Clip, half, 2 1/8" dia. x 1 1/8" lug on ribs 25 &amp; 31</b>				1	S3	C	
7499	213SS4095	<b>Clip, half, 1 7/8" dia. x 1.3" lug on rib 25</b> ...				1	—	C	
1640	11SS1862	<b>Clip, half, 1 7/8" dia. x 1/2" lug on rib 25</b> ...				1	S3	C	
	20P2895	<b>FAIRLEAD, FOR PIPE ON RIB 24, PORT, GROUP</b>				1	BSS668		
	25P2895	<b>FAIRLEAD, FOR PIPE ON RIB 24, STARBOARD, GROUP</b>					BSS668		
		<b>FUEL SYSTEM BETWEEN RIBS 27 &amp; 30, PORT &amp; STARBOARD (384P3117)</b>							
		Spares for :—							
4385	13SS3564	<b>Adaptor, reducing 1" to 1 1/4" below actuator fuel cock</b>				1	L40	C	
28D/9436920	A25/1/C	<b>Bolt, 2 BA x .55" long attachment of brackets to rear spar &amp; intercostal</b>				42	—	C	
4386	17P2909	<b>Bolt, special attachment of fuel cock to bracket on rear spar</b>				6	S96	C	
28D/12528	A25/1/B	<b>Bolt, 4 BA x .5" long attachment of bracket to intercostal between ribs 28 &amp; 29</b>				6	—	C	
	35P2926	<b>BRACKET, MOUNTING, FUEL-COCK, PORT, GROUP</b>				1	L72		
	34P2926	<b>BRACKET, MOUNTING, FUEL-COCK, STARBOARD, GROUP</b>				1	L72		
	49P2926	<b>BRACKET, ATTACHMENT ON RIB 30, STARBOARD, GROUP</b>				1	L72		
	36P2926	<b>Bracket, 3.5" x 3.2" x 18G between ribs 28 &amp; 29</b>				1	L72		
	40P2926	<b>Bracket, 5.11" x 2.25" x 18G on intercostal between ribs 28 &amp; 29</b>				1	L72		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FUEL SYSTEM BETWEEN RIBS 27 &amp; 30, PORT &amp; STARBOARD (384P3117)</b> (Cont'd)							
	43P2926	Bracket, 2.25" x 1.95" x 18G attachment of manifold to rear spar				1	L72		
	44P2926	Bracket, 2.25" x 1.95" x 18G attachment of manifold to rear spar				1	L72		
	48P2926	Clip, special, 1 1/4" BSP for fuel pipe on rib 30				1	L72		
	VICKERS A5172.MKJ	<b>COCK, FUEL, 1 1/4" C/W ACTUATOR</b> Consisting of:—				1	—		
27F/2234	A5192J	Cock, fuel				1	—	A	
27F/2236	A5172/23	Coupling				1	—	C	
5W/297	A5172/25	Actuator, Plessey CZ54709/5A				1	—	A	
	VICKERS A5172MK.K	<b>COCK, FUEL, 1 1/2" C/W ACTUATOR</b> Consisting of:—				1	—		
27F/2235	A5192K	Cock, fuel				1	—	A	
27F/2236	A5172/23	Coupling				1	—	C	
5W/297	A5172/25	Actuator, Plessey CZ54709/5A				1	—	A	
	33P2926	<b>FAIRLEAD, FOR PIPES FEED 1 1/4" BORE ON RIB 27, PORT, GROUP</b>				1	BSS668		
	38P2926	<b>FAIRLEAD, FOR PIPES FEED 1 1/4" ON RIB 27, STARBOARD, GROUP</b>				1	BSS668		
	39P2926	<b>FAIRLEAD, FOR PIPES FUEL ON RIB 28, GROUP</b>				1	BSS668		
	47P2926	Fairlead, half, 2.5" x .25" on i/b face of rib 29				2	BSS668		
	18P2909	Fairlead, half, 3" x 1.5" x .25" on i/b face of rib 29				2	BSS668		
	29P2926	Intercostal, 18G between ribs 28 & 29				1	L72		
4882	1P3010	<b>MANIFOLD, FUEL, BETWEEN RIBS 29 &amp; 30, PORT, GROUP</b>				1	—	C	
4883	2P3010	<b>MANIFOLD, FUEL, BETWEEN RIBS 29 &amp; 30, STARBOARD, GROUP</b> Consisting of:—				1	—	C	
28F/12747 10700	AGS1105/J	Adaptor, union, 1 1/4" BSP				2	—	C	
	5P3010	Coupling, pipe				1	—	C	
	3P3010	Manifold, fuel, port				1	L33		
	4P3010	Manifold, fuel, starboard				1	L33		
28F/9655	AGS1138/J	Washer, jointing				3	—		

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SERVICES  
FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FUEL SYSTEM BETWEEN RIBS 27 &amp; 30, PORT &amp; STARBOARD (384P3117)</b> (Cont'd)							
4687	1P3008	<b>MANIFOLD, FUEL, ON REAR SPAR BETWEEN RIBS 28 &amp; 29, PORT, GROUP</b>				1	—	C	
4688	2P3008	<b>MANIFOLD, FUEL, ON REAR SPAR BETWEEN RIBS 28 &amp; 29, STARBOARD, GROUP</b>				1	—	C	
		Consisting of:—							
28F/12747	AGS1105/J	Adaptor, union 1½" BSP ... ..				3	—	C	
28F/12193	AGS1105/K	Adaptor, union 1½" BSP ... ..				1	—	C	
	3P3008	Body, manifold, port ... ..				1	L33		
	4P3008	Body, manifold, starboard ... ..				1	L33		
	11P2911	Bolt, hex.hd. 2 BA ... ..				8	S96		
	5P3008	Coupling, pipe ... ..				1	—		
28Y/11843	AGS/2573	Valve, drain ... ..				1	—	C	
28F/9655	AGS/1138/J	Washer, jointing, 1½" BSP ... ..				3	—	C	
28F/10500	AGS/1138/K	Washer, jointing, 1½" BSP ... ..				2	—	C	
28W/9419402	SP/13/C	Washer, thin, 2 BA ... ..				8	—	C	
28M/10287	AGS2001/B/1	Nut, stiff, 4 BA ... ..				3	—	C	
7583	15P3150	<b>PIPE, FUEL, FLEXIBLE 1½" BORE BETWEEN MANIFOLDS, PORT, GROUP (Mod. 787)</b>				1	—	B	
7474	16P3150	<b>PIPE, FUEL, FLEXIBLE 1½" BORE, ACTUATOR TO MANIFOLD, STARBOARD, GROUP (Mod. 787)</b>				1	—	B	
4379	8P2910	<b>PIPE, FUEL, FLEXIBLE 1½" BORE TEE PIECE AFT O/B ENGINE BULKHEAD TO PRIMING PUMP, STARBOARD, GROUP</b>				1	—	B	
	9P2910	<b>PIPE, FUEL, FLEXIBLE 1½" BORE, BRANCH PIPE, TO JUNCTION BOX ON REAR SPAR, PORT, GROUP</b>				1	—		
14213	26P2910	<b>PIPE, FUEL, FLEXIBLE 1½" BORE, JOINT TO FUEL MANIFOLD, GROUP</b>				1	—		
5339	36P2910	<b>PIPE, FUEL, FLEXIBLE 1½" BORE, BETWEEN MANIFOLDS, STARBOARD, GROUP</b>				1	—	B	
9030	4P3150	<b>PIPE, FUEL, FLEXIBLE 1½" BORE, MANIFOLD INT/ETO ACTUATOR IN O/B NACELLE, PORT, GROUP</b>				1	—	C	

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**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>FUEL SYSTEM, BETWEEN RIBS 27 &amp; 30 PORT &amp; STBD. (P3117) (Cont'd)</b>							
11172	12P3150	PIPE, FUEL, FLEXIBLE, 1½" BORE, MANIFOLD TO ACTUATOR AT RIB 30, STARBOARD, GROUP				1	FLYLITE		
9029	5P3150	PIPE, FUEL, FLEXIBLE 1½" BORE MANIFOLD IN T/E TO ACTUATOR IN O/B NACELLE, STARBOARD, GROUP				1	FLYLITE	C	
12454	189P3053	PIPE, FEED, 1½" o/d x 20G x 6' NON-RETURN VALVE TO MANIFOLD, GROUP				1	DTD323A		
4718	45P2926	PIPE, FUEL, BRANCH, BETWEEN RIB 27 AND UNION O/B OF RIB 28, PORT, GROUP				1	—	C	
4719	46P2926	PIPE, FUEL, BRANCH, BETWEEN RIB 27 AND UNION O/B OF RIB 28, STARBOARD, GROUP				1	—	C	
27F/2152	S.P.E. P24A/Mk.2	Valve, non-return (Pre-Mod. 785) ...				3	—	A	
27F/	S.P.E. P24A/Mk.3	Valve, non-return (Mod. 785) ...				3	—	A	
		<b>FUEL SYSTEM, INNER MAINPLANE TRAILING EDGE, PORT &amp; STARBOARD (127 &amp; 134P3053)</b>							
		Spares for :—							
28D/9436920	A25/1/C	Bolt, 2BA x .55" long for attachment of ¾" pipe clips to rib 1				8	—	C	
28D/12513	A25/2/C	Bolt, 2BA x .65" long for attachment of pipe bracket to rib 1				11	—	C	
	229P2437	Bracket, attachment, 2½" x 10" x 16G on ribs 8, 9 and 10				3	L72		
	230P2437	Bracket, attachment, 2½" x 8½" x 16G on rib 11				1	L72		
	25P2437	Bracket, attachment, for 1" fuel pipes on rib 1 port				5	L72		
	26P2437	Bracket, attachment, for 1" fuel pipes on rib 1 starboard				1	L72		
2483	10SS3859	Clip, pipe, ¾" securing fuel pipe to rib 8 ...				10	—	C	
28E/8183	AGS605/1	Clip, hose, type J at 1" pipe joints ...				10	—	C	
	245P3053	Hose, rubber, ¾" i/d x 2½" long at ¾" pipe joints (Make from Ref. 32C/375)				5	DTD625A Type 1		
	247P3053	Hose, rubber, 1" i/d x 2½" long at 1" pipe joint (Make from Ref. 32C/376)				1	DTD625A Type 1		
28M/10288	AGS2001/C1	Nuts, stiff, 2BA ...				19	—	C	

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**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>FUEL SYSTEM, INNER MAINPLANE TRAILING EDGE, PORT AND STARBOARD (9 &amp; 10P3053) (Cont'd)</b>							
9067	53P3053	<b>PIPE, FEED, 1" o/d x 20G, FROM TIP TANK BETWEEN RIBS 17B &amp; 19, PORT, GROUP</b>				1	T58	C	
9068	54P3053	<b>PIPE, FEED, 1" o/d x 20G, FROM TIP TANK BETWEEN RIBS 17B &amp; 19, STARBOARD, GROUP</b>				1	T58	C	
		<b>PIPES, FUEL, INNER MAINPLANE TRAILING EDGE (P3110)</b>							
		Spares for :—							
	85SS3553	<b>Adaptor, special, 1 1/4" BSP, NRV to actuator fuel cock</b>				1	DTD423		
	129SS3553	<b>Adaptor, special, 1 1/4" BSF, fuel pipe to fuel cock</b>				1	DTD423		
	13P2909	<b>Angle, attachment, bracket to intercostal</b>				1	L72		
	14P2909	<b>Angle, attachment, bracket to intercostal</b>				1	L72		
	54P2909	<b>Angle, support, bracket to rear spar, port</b>				1	L72		
	55P2909	<b>Angle, support, bracket to rear spar, starboard</b>				1	L72		
28D/1010658	A25/1/B	<b>Bolt, 4 BA x .5" long, attachment of bracket to manifold</b>				2	—	C	
28D/1011013	A25/13/B	<b>Bolt, 4 BA x 1.3" long, attachment of bracket to manifold</b>				2	—	C	
28D/1200119	A25/4/C	<b>Bolt, 2 BA x .85" long, attachment of fairlead to rib</b>				2	—	C	
28D/12515	A25/10/C	<b>Bolt, 2 BA x 1.4" long, attachment of half clips to brackets on ribs 7 &amp; 8</b>				2	—	C	
28D/1011022	A25/18/C	<b>Bolt, 2 BA x 2.25" long, attachment of half clips to brackets on rib 3</b>				4	—	C	
	28P2909	<b>Bracket, angle, for half clips on rib 3 ...</b>				2	L72		
	7P3110	<b>Bracket, mounting, on rib 7, port ...</b>				1	L72		
	8P3110	<b>Bracket, mounting, on rib 7, starboard</b>				1	L72		
	5P3110	<b>Bracket, mounting, pipe manifold, port</b>				1	L72		
	36P3110	<b>Bracket, mounting, pipe manifold, starboard</b>				1	L72		
	47P2909	<b>Bracket, mounting, diagonal between intercostals, port (Pre-Mod. 877)</b>				1	L72		
	48P2909	<b>Bracket, mounting, diagonal between intercostals, starboard (Pre-Mod. 877)</b>				1	L72		

SERVICES

FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, FUEL, INNER MAINPLANE TRAILING EDGE (P3110) (Cont'd)</b>							
	58P2909	<b>BRACKET, PIPE, ON INTER-COSTAL GROUP (Pre-Mod. 877)</b>				1	—		
	13P3110	<b>BRACKET, PIPE, ON INTER-COSTAL GROUP (Mod. 877)</b>							
10702	AW/5/SS/4234	Clip, half, 1 1/8" dia. x 1/2" lug, between ribs 7 & 8				1	—		
10703	BA/6/SS/4234	Clip, half, 2 1/8" dia. x .6" lug, for pipe on rib 3				1	—		
10704	BA/12/SS/4234	Clip, half, 2 1/8" dia. x 1.2" lug, for pipe on rib 3				1	—		
	VICKERS A5172 MK.J	<b>COCK, FUEL, 1 1/4" C/W ACTUATOR</b> Consisting of :—				3	—		
27F/2234	A5192J	Cock, fuel ... ..				1	—	A	
27F/2236	A5172/23	Coupling ... ..				1	—	C	
5W/297	A5172/25	Actuator, Plessey CZ54709/5A ...				1	—	A	
	45aP2909	Fairlead, half, split, inboard face of rib 2				1	BSS668		
	45bP2909	Fairlead, half, split, outboard face of rib 1				1	BSS668		
	56P2909	Fairlead, half, inboard face of rib 1 ...				1	BSS668		
	57P2909	Fairlead, half, outboard face of rib 1 ...				1	BSS668		
	18P2909	Fairlead, half, at rib 4 ... ..				1	BSS668		
	19P2909	Fairlead, half, at rib 6 ... ..				1	BSS668		
10114	1SS1585	<b>Lug, special, for 4 BA bolt on intercostal between ribs 1 &amp; 2</b>				1	B6	C	
10698	11P3110	<b>MANIFOLD, FUEL, BETWEEN RIBS 1 &amp; 2, PORT, GROUP</b>				1	—	C	
10699	12P3110	<b>MANIFOLD, FUEL, BETWEEN RIBS 1 &amp; 2, STARBOARD, GROUP</b>				1	—	C	
10700	5P3010	Spares for :— <b>COUPLING, PIPE, 1 1/4" BSP, GROUP</b>				1	S110	C	
9032	6P3110	<b>COUPLING, PIPE, 1 1/4" BSP, GROUP</b>				1	S110	C	
	3P3011	Manifold, fuel, port ... ..				1	L33		
	4P3011	Manifold, fuel, starboard ... ..				1	L33		
28F/12193	AGS1105/K	Union, adaptor, 1 1/2" BSP ... ..				1	—	C	
28F/9655	AGS1138/J	Washer, jointing, 1.66" i/d. ... ..				2	—	C	
28F/10500	AGS1138/K	Washer, jointing, 1.89" i/d. ... ..				1	—	C	
28M/10287	AGS2001/B1	Nut, stiff, 4 BA. ... ..				5	—	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, FUEL, INNER MAINPLANE TRAILING EDGE (P3110) (Cont'd)</b>							
9035	2P2910					1	Flylite	C	
		<b>PIPE, FUEL, FLEXIBLE, 1½" BORE, BRANCH TO JOINT ON REAR SPAR, GROUP</b>							
9033	29P2910					1	Flylite	C	
		<b>PIPE, FUEL, FLEXIBLE, 1½" BORE, No. 2 TANK PUMP TO ACTUATOR, GROUP</b>							
9034	30P2910					1	Flylite	C	
		<b>PIPE, FUEL, FLEXIBLE, 1½" BORE, No. 3 TANK PUMP TO ACTUATOR, GROUP</b>							
4386	17P2909 SELF PRIMING PUMP & ENG. P24A/Mk.2					9	S96	C	
27F/2152	P24A/Mk.2					1	—	C	
		<b>Valve, non-return, on manifold (Pre-Mod. 785)</b>							
27F/ 28F/9655	P24A/Mk.3					1	—	C	
		<b>Valve, non-return (Mod. 785) ... ..</b>							
28W/9419401	AGS1138/J					2	—	C	
		<b>Washer, jointing, aluminium ... ..</b>							
28W/9419454	SP/10/B					4	—	C	
		<b>Washer, thin, 4 BA. ... ..</b>							
28W/9419475	SP/10/C					24	—	C	
		<b>Washer, thin, 2 BA. ... ..</b>							
						19	—	C	
		<b>FUEL SYSTEM, INBOARD NACELLE, PORT AND STARBOARD (128 &amp; 135P3053)</b>							
		Spares for :—							
		<b>PIPES, FUEL, AFT INBOARD ENGINE BULKHEAD, PORT AND STARBOARD (P3108 &amp; P3109)</b>							
		Spares for :—							
28F/12425	AGS1109/K					1	—	C	
		<b>Adaptor, reducing ½" to ¾", non-return valve to priming pipe</b>							
28F/9708	AGS1104/B					1	—	C	
		<b>Adaptor, cone ½" BSP, feed pipe to priming valve</b>							
3909	155P2315					1	—	C	
		<b>Block, clamp for filter ... ..</b>							
28D/9436920	A25/1/C					20	—	C	
		<b>Bolt, 2 BA x .55" long, attachment of clips to bulkhead</b>							
28D/12513	A25/2/C					6	—	C	
		<b>Bolt, 2 BA x .65" long, attachment of clips to subframe</b>							
28D/12714	A25/29/C					2	—	C	
		<b>Bolt, 2 BA x 3.35" long, attachment of clamping block to priming valve</b>							
	8P3109					1	L72		
	32SS3264					2	DTD275 or DTD390		
		<b>Clip, pipe, 2½" dia., securing pipes to subframe</b>							

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SERVICES  
FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>PIPES, FUEL, AFT INBOARD ENGINE BULKHEAD, PORT AND STARBOARD (P3108 &amp; P3109) (Cont'd)</b>									
2721	2SS3859					2	—	C	
9027	4P3109					2	—	C	
1487	5E2560					1	—	C	
3920	398P2437					1	L40	C	
28J/12806	AS3250					1	—	A	
28F/11471	AGS1167/B					1	—	C	
<b>MOUNTING, FUEL FILTER ON INBOARD ENGINE BULKHEAD (P27B6)</b>									
Spares for :—									
28D/12536	A25/13C					2	—	C	
28D/12512	A25/1C					3	—	C	
	3P2515					1	L72		
	3P2783					1	—		
28M/10288	AGS2001/C/1					5	—	C	
28W/3071	AGS160/C					5	—	C	
28M/10288	AGS2001/C/1					6	—	C	
	152P3053					1	DTD323A		
	167P3053					1	DTD323A		
9026	23P3053					1	Flylite	C	
<b>ROLLS ROYCE</b>									
36HH/12823	GN23885					1	—	A	
28W/9419454	SP10/C					6	—	C	
28W/9419402	SP13/C					2	—	C	
28W/9419475	SP15/C					29	—	C	
28W/9418920	SP10/E					6	—	C	
28W/6770	AGS568/E					2	—	C	
28F/8215	AGS1138/B					10	—	C	
28F/11339	AGS1139/A					10	—	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.					Description	No. off	Matl. Spec.	Cl. of	Plate and Illustr'n No.
		1	2	3	4				St. M.R.	
					<b>FUEL SYSTEM, INBOARD NACELLE, PORT AND STARBOARD (11 &amp; 12P3053)</b> (Cont'd)					
					<b>PIPES, FUEL, IN INBOARD ENGINE NACELLE, PORT AND STARBOARD (1 &amp; 2P3112)</b>					
					Spares for :—					
4400	15SS3564				Adaptor, tee, $\frac{3}{8}$ " to $1\frac{1}{4}$ " bore, pipes on rear bulkhead	2	L40	C		
3840	316P2437				Block, packing, pipe clip to valance ...	2	BSS668	C		
28D/12513	A25/2C				Bolt, 2 BA x .65", attachment of $\frac{1}{8}$ " and $1\frac{1}{4}$ " pipe clips to $1\frac{1}{8}$ " pipe clip	8	—	C		
28D/12512	A25/1C				Bolt, 2 BA x .55", attachment of $1\frac{1}{8}$ " pipe clips to formers	4	—	C		
28D/12531	A25/3C				Bolt, 2 BA x .75", attachment of half fairlead to rear bulkhead	20	—	C		
28D/12515	A25/10C				Bolt, 2 BA x 1.45", attachment of fuel cock to rear bulkhead	6	—	C		
28D/12517	A25/17C				Bolt, 2 BA x 2.15", attachment of clips to formers J, H & M	8	—	C		
28D/13447	A25/21C				Bolt, 2 BA x 2.55", attachment of $1\frac{1}{8}$ " clips to former J	2	—	C		
13109	10SS3264				Clip, pipe, $\frac{1}{8}$ ", port... ..	5	DTD275 or DTD390	C		
13112	12SS3264				Clip, pipe, 1", starboard ... ..	5	DTD275 or DTD390	C		
13569	26SS3264				Clip, pipe, $1\frac{1}{8}$ ", dia. ... ..	5	DTD275 or DTD390	C		
	11SS1861				Clip, single, long, at former J ... ..	2	S3			
	7P3112				<b>CLIP, SINGLE, LONG, AT FORMERS H &amp; M, GROUP</b>	2	—			
	VICKERS A5172 Mk.J				<b>COCK, FUEL, <math>1\frac{1}{4}</math>", C/W ACTUATOR, GROUP</b>	1	—			
					Consisting of :—					
27F/2234	A5192J				Cock, fuel ... ..	1	—	A		
27F/2236	A5172/23				Coupling ... ..	1	—	C		
5W/297	A5172/25				Actuator, Plessey (CZ51709/5A) ... ..	1	—	A		
	5P3112				<b>FAIRLEAD, FOR <math>1\frac{1}{4}</math>" AND <math>\frac{3}{8}</math>" BORE PIPES BETWEEN FORMERS F &amp; G, PORT, GROUP</b>	1	BSS668			
	6P3112				<b>FAIRLEAD, FOR <math>1\frac{1}{4}</math>" AND <math>\frac{3}{8}</math>" BORE PIPES BETWEEN FORMERS F &amp; G, STARBOARD, GROUP</b>	1	BSS668			
	3P3112				Fairlead, 1.7" x 1.7" half, for $\frac{7}{8}$ " flexible pipe through rear bulkhead, port	2	BSS668			

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**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, FUEL, IN INBOARD ENGINE NACELLE, PORT AND STARBOARD (P3112) (Cont'd)</b>							
	4P3112				Fairlead, half, 1" o/d, flexible pipe through rear bulkhead, starboard	1	BSS668		
28F/8216	AGS1142/J				Nipple, adaptor, 1 1/4" o/d pipes, on fuel pipe elbow at rear bulkhead	4	—	C	
28M/10288	AGS2001/C1 13P3150				Nut, stiff, 2 BA, M/S	17	—	C	
	14P3150				Pipe, main feed, flexible 1 1/4" bore, rear bulkhead to former F	1	—		
9038	8P3150				Pipe, priming feed, flexible 3/8" bore, rear bulkhead to priming pump, port	1	Flylite		
					Pipe, priming feed, flexible 1/2" bore, rear bulkhead to priming pump, starboard	1	Flylite		
9039	9P3112				Pipe, elbow, fuel, 1 1/4" bore, adaptor tee to rear bulkhead	1	TE8		
	10P3112				Tube, distance, 5/16" o/d x 3/8" long x 17G M/S, fuel cock to bulkhead	3	—		
28W/12296	SP15/C				Washer, thin, 2 BA.	17	—	C	
		<b>FUEL SYSTEM, OUTBOARD NACELLE, PORT &amp; STARBOARD (129 &amp; 136P3053)</b>							
		Spares for :—							
		<b>PIPES, AFT ENGINE BULKHEAD, PORT AND STARBOARD (P3113 &amp; P3114)</b>							
		Spares for :—							
4698	400P2437				Adaptor, pipe, 3/8" BSP to 5/8" BSP pipes to filters	8	L40	C	
4399	14SS3564				Adaptor, reducing, 1 1/2" to 1" BSP at bulkhead filter	1	—	C	
9145	6P3114				Block, clamping, 3-34" x 2-95", for solenoid valve	1	BSS972	C	
28D/12512	A25/1C				Bolt, 2 BA x .5", attachment of 3/4" pipe clips to bulkhead	6	—	C	
28D/12513	A25/2C				Bolt, 2 BA x .7", attachment of 2 1/8" and 1 1/2" pipe clips to sub-frame	6	—	C	
10760	2P3114				Bracket, mounting Avery coupling	1	—	C	
10715	16P3114				<b>BRACKET, MOUNTING, 4-25" x 4" PRESSURE RELIEF VALVE TO STRUT, STARBOARD, GROUP</b>	1	S3	C	
10716	17P3114				<b>BRACKET, MOUNTING, 4-25" x 4" PRESSURE RELIEF VALVE TO STRUT, PORT, GROUP</b>	1	S3	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, AFT ENGINE BULKHEAD, PORT AND STARBOARD (P3113 &amp; P3114) (Cont'd)</b>							
28E/8182	AGS605/C				Clip, hose, Mk. 0, fastening of rubber hose at $\frac{3}{4}$ " pipe joints	4	—	C	
28E /8183	AGS605/1				Clip, hose, Mk. 1, attachment of rubber hose at $1\frac{1}{8}$ " pipe joints	4	—	C	
13711	10SS1861				Clip, pipe, single, long, $1\frac{3}{4}$ " dia. attachment of pressure, relief valve bracket to sub-frame	3	S3	C	
13327	10SS1862				Clip, pipe, half, long, $1\frac{3}{4}$ " dia., attachment of pressure, relief valve bracket to sub-frame	2	S3	C	
1704	15SS1862				Clip, pipe, half, $2\frac{1}{4}$ " dia., attachment of filter mounting bracket to sub-frame	2	S3	C	
2721	2SS3859				Clip, pipe, $\frac{1}{2}$ ", attachment of $\frac{1}{2}$ " pipes to bulkhead	4	—	C	
	16SS3863				Clip, pipe, $1\frac{1}{2}$ ", attachment of $1\frac{1}{2}$ " pipes to rear bearer tube	2	—		
	26SS3863				Clip, pipe, $1\frac{7}{8}$ ", attachment of $1\frac{7}{8}$ " pipes to sub-frame and bearer tube	10	—		
	30SS3863				Clip, pipe, $2\frac{1}{2}$ ", attachment of $2\frac{1}{2}$ " pipes to sub-frame	2	—		
	8SS3264				Clip, pipe, $\frac{3}{4}$ ", attachment of $\frac{3}{4}$ " pipes to sub-frame	2	—	C	
	252SS4095				Clip, pipe, half, $2\frac{1}{4}$ " dia., attachment of filter mounting to sub-frame	2	—		
	30SS3264				Clip, strut, $\frac{3}{4}$ " dia., attachment of $\frac{3}{4}$ " pipes to sub-frame strut	4	DTD275 or DTD390		
	LOCKHEED, AVERY AVA50F				<b>COUPLING, AVERY, SELF SEALING AT BULKHEAD, GROUP</b> Consisting of:—	1	—		
27M/8752	AVA55/F				Coupling, flanged, half... ..	1	—	C	
27M/8754	AVA54/F				Coupling, flanged, half... ..	1	—	C	
27M/8770	AVA62/F				Nut, union ... ..	1	—	C	
	12P3113				<b>FAIRLEAD, 2.75" x 1", FOR <math>\frac{5}{16}</math>" AND <math>\frac{3}{8}</math>" PIPES ON SUB-FRAME, PORT, GROUP</b>	1	BSS972		
28J/12806	AS3250				Filter, fuel, shallow sump, on sub-frame at bulkhead	2	—	A	

SHACKLETON Mk. 3

SERVICES

FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, AFT ENGINE BULKHEAD, PORT AND STARBOARD (P3113 &amp; P3114) (Cont'd)</b>							
	AS3220					4	—		
	7P3114					2	DTD625A		
	8P3114					2	DTD625A		
						1	—		
		<b>MOUNTING, FILTER ON SUB-FRAME AT BULKHEAD, PORT AND STARBOARD, GROUP (P2786)</b>							
		Consisting of:—							
						4	—	C	
						4	—	C	
						2	L72		
						2	—	C	
						2	—		
		<b>CLIP, ATTACHMENT, PORT, GROUP</b>							
						10	—	C	
						6	—	C	
						1	—		
						1	—		
						2	—		
						1	DTD310		
						1	T7	C	
						1	T7	C	
						1	Flylite	C	
						1	Flylite	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>PIPES, AFT ENGINE BULKHEAD, PORT AND STARBOARD (P3113 &amp; P3114) (Cont'd)</b>							
	163P3053	<b>PIPE, VENT, <math>\frac{3}{4}</math>" o/d x 22G x 39' LONG, VENT VALVE TO MAIN VENT LINE, STARBOARD, GROUP</b>				1	DTD323A	C	
		<b>TANK, METHANOL WATER (1 &amp; 2P3094) (See :—Tanks—Methanol Water)</b>							
28F/12425	AGS1109/K	<b>Union, reducing, <math>\frac{1}{2}</math>" to <math>\frac{3}{8}</math>" on non-return valve</b>				1	—	C	
2455	SAUNDERS N1002	<b>Valve, non-return, from priming valve ...</b>				1	—	C	
28W/9419454	476P2437	<b>Valve, pressure reducing ...</b>				1	—	B	
28W/9419402	SP10/C	<b>Washer, thin, 2 BA ...</b>				12	—	C	
	SP13/C	<b>Washer, thin, 2 BA ...</b>				24	—	C	
		<b>FUEL SYSTEM, MAIN PLANE OUTER, PORT AND STARBOARD (15 &amp; 16P3053)</b>							
		Spares for :—							
28F/10018	AGS1135B	<b>Bolt, banjo, on <math>\frac{1}{2}</math>" pipe to pressure warning indicator</b>				1	—	C	
28D/12512	A25/1C	<b>Bolt, 2 BA x .55" long, for attachment of <math>\frac{3}{4}</math>" clips to ribs</b>				10	—	C	
28D/12513	A25/2C	<b>Bolt, 2 BA x .65" long, attachment of pipe bracket to ribs</b>				48	—	C	
	25P2437	<b>Bracket, pipe clip, at ribs 19, 23, 27, 31 and 35, port</b>				16	L72		
	26P2437	<b>Bracket, pipe clip, at ribs 19, 23, 27, 31 and 35, starboard</b>				18	L72		
	100P3053	<b>Bracket, pipe clip, <math>2\frac{1}{2}</math>" x <math>1\frac{1}{2}</math>" x 18G, for 1" pipe on rib 30</b>				1	L72		
28E/8183	AGS605/1	<b>Clip, hose, type J. Mk. 1, attachment of <math>1\frac{1}{8}</math>" o/d rubber hose to <math>\frac{3}{4}</math>" pipe joints</b>				8	—	C	
28E/9429610	AGS605/2	<b>Clip, hose, type J. Mk. 2, attachment of <math>1\frac{1}{8}</math>" o/d rubber hose to <math>1\frac{1}{4}</math>" pipe joints</b>				12	—	C	
2483	10SS3859	<b>Clip, pipe, <math>\frac{3}{4}</math>" at T/E ribs 27, 30 and 34 ...</b>				24	—	C	
3610	14SS3859	<b>Clip, pipe, 1", attachment of 1" pipe to rib 37</b>				18	—	C	
1723	22SS3859	<b>Clip, pipe, <math>1\frac{1}{2}</math>" on ribs 19, 23, 27, 31 and 35</b>				5	—	C	
		<b>FILLER, DRAIN ASSEMBLY, No. 5 TANK, PORT AND STARBOARD (9 &amp; 10P3104)</b>							
		Spares for :—							
	8P3104	<b>Angle, attachment, 1-2" x 1" x 18G attachment of bonding strip to filler cap basin</b>				2	L72		

SHACKLETON Mk. 3

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — M.R.	Plate and Illust'n No.
		1	2	3	4				
<b>FILLER, DRAIN, ASSEMBLY, NO. 5 TANK, PORT AND STARBOARD (1 &amp; 2P3104) (Cont'd)</b>									
28D/1007982	AS1248/1C					2	—	C	
	5P3104					2	S3		
28E/9128961	AGS605/1					4	—	C	
	7P3104					2	BSS6F7		
	3P3104					1	L56		
	4P3104					1	L56		
28M/10288	AGS2001/C1					10	—	C	
	6P3104					2	L72		
28W/9419475	SP15C					10	—	C	
	15P3002					1	DTD625A Type 1		
	149P2437					1	DTD625A Type 1		
	249P3053					1	DTD625A Type 1		
	244P3053					1	DTD625A Type 1		
	3P3143					1	DTD625A Type 1		
6A/1912	—					1	—	A	
28M/10288	AGS2001/C1					66	—	C	
9095	37P3053					1	L54	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and illust'n No.
		1	2	3	4				
		<b>FUEL SYSTEM, MAINPLANE OUTER, PORT &amp; STARBOARD (15 &amp; 16P3053)</b> (Cont'd)							
9096	38P3053	PIPE, FEED 1" x 20G TIP TANK TO JOINT BETWEEN RIBS 34 & 35 STARBOARD, GROUP				1	L54	C	
12428	161P3053	PIPE, FEED 1" x 20G RIB 19 TO PRESSURE WARNING INDICATOR, PORT, GROUP				1	DTD323A	C	
12431	162P3053	PIPE, FEED 1" x 20G RIB 19 TO PRESSURE WARNING INDICATOR, STARBOARD, GROUP				1	DTD323A	C	
12455	190P3053	PIPE, FEED 1" x 20G PRESSURE WARNING INDICATOR TO JOINT BETWEEN RIBS 34 & 35				1	DTD323A	C	
9098	35P3053	PIPE, FEED 1½" x 20G TO ATMOSPHERE, PORT, GROUP				1	L54	C	
9099	36P3053	PIPE, VENT 1½" x 20G TO ATMOSPHERE, STARBOARD, GROUP				1	L54	C	
12596	232P3053	PIPE, VENT 1½" x 20G, RIB 26 TO ATMOSPHERE, GROUP				1	DTD323A	C	
12459	194P3053	Pipe, vent 1½" o/d x 20G joint at rib 19 to hometric valve				1	DTD323A	C	
		<b>PIPES, FUEL AT RIB NO. 37, PORT AND STARBOARD (14 &amp; 15P3143)</b>							
	9P3143	Spares for :— Adaptor, plate 4½" x 3" x 16G attachment of low pressure electro-matic tap to rib 37				2	L72		
28D/9436920	A25/1C	Bolt, 2BA x .55" long attachment of 1" clip to bracket on rear spar				12	—	C	
28D/9133011	A25/2C	Bolt, 2BA x .65" long attachment of bonding clips to pipe joints				8	—	C	
28D/12531	A25/3C	Bolt, 2BA x .75" long securing adaptor plate to rib 37				4	—	C	
28D/12534	A25/9C	Bolt, 2BA x 1.35" long securing adaptor plate to rib 37				4	—	C	
28D/12515	A25/10C	Bolt, 2BA x 1.45" long attachment of actuator to mounting bracket				6	—	C	

SHACKLETON Mk. 3

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>PIPES, FUEL AT RIB NO. 37, PORT AND STARBOARD (P3143) (Cont'd)</b>									
28D/9419397	A25/12C	<b>Bolt, 2BA x 1-65" long attachment of <math>\frac{3}{4}</math>" clips to actuator mounting</b>				2	—	C	
	13P3143	<b>Bracket, mounting 2" x 1" x 16G actuator to rib 37</b>				2	L72		
28E/9128961	AGS605/1	<b>Clip, hose attachment of <math>1\frac{1}{8}</math>" o/d hose to 1" pipe joints</b>				8	—	C	
28E/15226	AGS605/1A	<b>Clip, hose attachment of 1" o/d hose to <math>\frac{3}{8}</math>" pipe joints</b>				4	—	C	
28E/9129092	AGS605/2	<b>Clip, hose attachment of 2" o/d hose to <math>1\frac{1}{8}</math>" pipe joints</b>				8	—	C	
2483	10SS3859	<b>Clip, pipe 1" attachment of 1" pipe to bracket on rear spar</b>				4	—	C	
	VICKERS A5172J	<b>COCK, FUEL, C/W ACTUATOR, ON RIB 37</b>				2	—		
		Consisting of:—							
5W/2974	A5172/25	<b>Actuator, (Plessey CZ54709/5/A) ...</b>				1	—	A	
27F/2234	A5192/J	<b>Cock, fuel ...</b>				1	—	A	
27F/2236	A5172/23	<b>Coupling ...</b>				1	—	C	
	17P3143	<b>Hose, rubber <math>\frac{7}{8}</math>" o/d x <math>\frac{3}{8}</math>" i/d x <math>2\frac{1}{4}</math>" long at <math>\frac{3}{8}</math>" pipe joints (Make from Ref. 32C/409)</b>				3	DTD625A Type 1		
	14P3154	<b>Hose, rubber <math>1\frac{1}{8}</math>" o/d x <math>\frac{3}{4}</math>" i/d x <math>2\frac{1}{4}</math>" long at <math>\frac{3}{8}</math>" pipe joints (Make from Ref. 32C/375)</b>				2	DTD625A Type 1		
	245P3053	<b>Hose, rubber <math>1\frac{3}{8}</math>" o/d x 1" i/d x <math>2\frac{1}{4}</math>" long at 1" pipe joints (Make from Ref. 32C/376)</b>				1	DTD625A Type 1		
	248P3053	<b>Hose, rubber 2" o/d x <math>1\frac{1}{8}</math>" i/d x <math>2\frac{1}{4}</math>" long at <math>1\frac{1}{8}</math>" pipe joints (Make from Ref. 32C/411)</b>				4	DTD625A Type 1		
28M/10288	AGS2001/C1	<b>Nut, stiff 2BA ...</b>				12	—	C	
12464	199P3053	<b>PIPE, FUEL FEED 1" o/d x 20G x 36" LONG SPECIAL ADAPTOR ON ACTUATOR PUMP TO ELBOW, GROUP</b>				1	DTD323A	C	
9103	39P3053	<b>PIPE, FUEL FEED 1" o/d x 20G x 15" LONG ACTUATOR TO COUPLING AT REAR SPAR, PORT, GROUP</b>				1	T45	C	
9104	40P3053	<b>PIPE, FUEL FEED 1" o/d x 20G x 00" LONG APPROX. ACTUATOR TO COUPLING AT REAR SPAR, STARBOARD, GROUP</b>				1	T45	C	

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**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Mach. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPES, FUEL AT RIB NO. 37, PORT &amp; STARBOARD (P3143) (Cont'd)</b>							
14702	215P3053	PIPE, FUEL VENT $\frac{3}{8}$ " o/d x 20G x 18 $\frac{1}{2}$ " OVERALL LENGTH ALONG FRONT SPAR BETWEEN RIBS 36 & 37, STARBOARD, GROUP				1	DTD323A	C	
14703	216P3053	PIPE, FUEL VENT $\frac{3}{8}$ " o/d x 20G x 00" LONG APPROX. ALONG FRONT SPAR BETWEEN RIBS 36 & 37 STARBOARD, GROUP				1	DTD323A	C	
	219P3053	PIPE, VENT $\frac{3}{8}$ " o/d x 20G x 10 $\frac{1}{2}$ " LONG APPROX. ALONG RIB 37, PORT, GROUP				1	DTD323A		
	220P3053	PIPE, VENT $\frac{3}{8}$ " o/d x 20G x 10 $\frac{1}{2}$ " LONG APPROX. ALONG RIB 37, STARBOARD, GROUP				1	DTD323A		
12467	202P3053	PIPE, VENT $\frac{3}{8}$ " o/d x 20G x 00" LONG APPROX. JOINT ON FRONT SPAR, TO JOINT AT STUB PIPE ON RIB 37, GROUP				1	DTD323A	C	
27VA/4945	DUNLOP ACM18008	Tap, twin, low pressure electromatic on O/B side rib 37				1	—	A	
	6P3143	Tube, distance 56" x $\frac{3}{16}$ " dia. x 17G between actuator and bracket				3	—	C	
9119	140SS3557	Union, tee, special, aft front spar				1	DTD423B	C	
		<b>VENT VALVES IN OUTER MAIN-PLANE TRAILING EDGE, PORT &amp; STARBOARD (1 &amp; 2P3582) (Mod. 769)</b>							
		Spares for :—							
	9P3154	Angle, attachment fairlead to ribs 25 and 26, port				2	L72		
	32P3582	Angle, fairlead attachment, port (Mod. 772)				1	L72		
	33P3582	Angle, fairlead attachment, starboard (Mod. 772)				1	L72		
	11P3154	FAIRLEAD, FOR 1 $\frac{1}{2}$ " PIPES ON RIBS 25 & 26, GROUP				2	—		
	31P3582	FAIRLEAD, ON RIB 25, GROUP (Mod. 772)				1	—		
	7P3154	Hose, P.R. $\frac{7}{8}$ " i/d x 1 $\frac{1}{2}$ " o/d x 2" ...				1	DTD625A		
	8P3154	Hose, P.R. 1 $\frac{3}{8}$ " i/d x 2" o/d x 2 $\frac{1}{2}$ " ...				1	DTD625A		
	13P3582	Hose, P.R. $\frac{7}{8}$ " i/d x 1 $\frac{1}{2}$ " o/d x 0-94" ...				8	DTD625A		
	25P3582	Hose, P.R. 1 $\frac{3}{8}$ " i/d x 2" o/d x 2 $\frac{1}{2}$ " ...				1	DTD625A		
	7P3104	Hose, P.R. $\frac{3}{4}$ " i/d x 1 $\frac{1}{2}$ " o/d x 2 $\frac{1}{2}$ " ...				2	DTD625A		

SHACKLETON Mk.

SERVICES

FUEL INSTALLATION

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate
		1	2	3	4			St.	and
								M.R.	Illust'n
									No.
<b>VENT VALVES IN OUTER MAIN-PLANE TRAILING EDGE, PORT &amp; STARBOARD (1 &amp; 2P3582) (Cont'd)</b>									
12597	5P3582	Manifold, top, port ... ..				1	L54, L59	C	
12599	6P3582	Manifold, top, starboard ... ..				1	L54, L59	C	
12598	7P3582	Manifold, bottom, port ... ..				1	L54, L59	C	
12600	8P3582	Manifold, bottom, starboard ... ..				1	L54, L59	C	
	24P3582	Pipe, vent, 3/8" o/d x 22G x 5 1/2" ... ..				1	L56		
	27P3582	<b>VENT, MANIFOLD FUEL, BETWEEN RIBS 25 AND 26, PORT, GROUP</b>				1	—		
	29P3582	<b>VENT, MANIFOLD FUEL, BETWEEN RIBS 25 AND 26, STARBOARD, GROUP</b>				1	—		
<b>INSTALLATION OF NO. 2, 3 &amp; 4 FUEL TANKS IN INNER WING PORT &amp; STARBOARD (1 &amp; 2P3086)</b>									
Spares for :—									
28D/1007982	AS1248/1C	Bolt, mush.hd, 2BA x .50" long attachment of diaphragm on rib 7				36	—	C	
28D/8342	AS1248/2C	Bolt, mush.hd, 2BA x .60" long for straps ...				4	—	C	
28D/9436920	A25/1C	Bolt, hex.hd, 2BA x .55" long for diaphragm and attachment of drain cock				4	—	C	
28D/9133011	A25/2C	Bolt, hex.hd, 2BA x .65" long for straps ...				4	—	C	
	9P3086	Bracket, angle 2 3/8" x 2 1/2" x 14G ...				2	L72		
	5P3086	Bracket, attachment, port on rib 10A ...				1	L72		
	6P3086	Bracket, attachment starboard on rib 10A				1	L72		
	8P3086	Bracket, plate 2 3/8" x 2 1/2" x 14G ...				2	L72		
28E/9130219	AGS605/4	Clip, hose type J on transfer pipes ...				16	—	C	
11279	14/SS/4234/BG	Clip, half 2 1/2" dia. at transfer... ..				2	—	C	
11280	5/SS/4234/BG	Clip, half 2 1/2" dia. at transfer, for connections				2	—	C	
4724	3P2932	Cock, drain 1/4" BSP on rib 10A & rib 1 ...				2	—	C	
	10P3086	Cord, lacing 1/8" dia. x 8 ft. long at rib 10A ...				2	BSSF35		
<b>INSTALLATION OF NO. 2, 3 &amp; 4 FUEL PUMPS, PORT &amp; STARBOARD (P2911)</b>									
Consisting of :—									
28D/9436920	A25/1C	Bolt, hex.hd, 2BA x .55" long attachment of clip to sub-frame				6	—	C	
5018	12P2911	Bolt, special 2BA x 2 1/4" long attachment of No. 3 pump				2	S96	C	
5019	13P2911	Bolt, special 2BA x 2 3/8" long attachment of No. 2 pump				2	S96	C	
5020	14P2911	Bolt, special 2BA x 3 1/2" long attachment of No. 3 pump				2	S96	C	
5021	15P2911	Bolt, special 2BA x 1 3/4" long attachment of No. 2 pump				2	S96	C	
28M/10288	AGS2001/C1	Nut, stiff 2BA ... ..				6	—	C	
5075	14P2915	Packer, for pump No. 3 Tank ... ..				1	DTD363A	C	

**SERVICES**  
**FUEL INSTALLATION**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>INSTALLATION OF NO. 2, 3 &amp; 4 FUEL PUMPS, PORT &amp; STARBOARD (P2911) (Cont'd)</b>							
4574	2P2911					2	DTD310	C	
		PIPE, FUEL, DRAIN PUMP NO. 2, ½" o/d x 22G, TANK, GROUP							
4577	5P2911					2	DTD310	C	
		PIPE, FUEL, DRAIN PUMP NO. 3, ½" o/d x 22G, TANK, GROUP							
4597	10P2911					2	DTD310	C	
		PIPE, FUEL, DRAIN PUMP NO. 3, ½" o/d x 22G, TANK, GROUP							
5UE/4986	—					6	—	A	
28F/11096	AGS1105/H					2	—	C	
28F/10504	AGS1109/G					6	—	C	
		Pump, pulsometer type F36, Mk. 3 ...							
		Union, adaptor 1" BSP No. 2 Pump ...							
		Union, reducing 1½" BSP to 1" BSP No. 3 & 4 pumps							
		SELF PRIMING ENG. CO.							
27F/2152	P24A					6	—	C	
4575	7P2911					12	DTD364A	C	
28F/9439	AGS1138/H					6	—	C	
28W/9419454	SP10C					24	—	C	
28W/9418920	SP10E					6	—	C	
		Valve, non-return pump to main fuel line							
		Washer, sealing "Langite" ...							
		Washer, jointing 1-31" i/d x 1-56" o/d ...							
		Washer, thin 2BA ...							
		Washer, thin ½" BSF ...							
28M/10288	AGS2001/C/1					4	—	C	
	12P2319					4	DTD625A		
		Nut, stiff 2BA ...							
		Pipe, transfer 5¼" long x 2½" i/d between tanks 3 & 4							
8075	1P3614					1	—	A	
		TANK, FUEL, No. 2, PORT, GROUP (Mod. 859) (Pre-Mod. 1100)							
8097	1P3786					1	—	A	
		TANK, FUEL, No. 2, PORT, GROUP (Mod. 1100)							
8076	2P3614					1	—	A	
		TANK, FUEL, No. 2, STARBOARD, GROUP (Mod. 859) (Pre-Mod. 1100)							
8098	2P3786					1	—	A	
		TANK, FUEL, No. 2, STARBOARD, GROUP (Mod. 1100)							
8077	1P3615					1	—	A	
		TANK, FUEL, No. 3, PORT, GROUP (Mod. 859) (Pre-Mod. 1100)							
8099	1P3787					1	—	A	
		TANK, FUEL, No. 3, PORT, GROUP (Mod. 1100)							
8078	2P3615					1	—	A	
		TANK, FUEL, No. 3, STARBOARD, GROUP (Mod. 859) (Pre-Mod. 1100)							
8100	2P3787					1	—	A	
		TANK, FUEL, No. 3, STARBOARD, GROUP (Mod. 1100)							
8079	1P3616					1	—	A	
		TANK, FUEL, No. 4, PORT, GROUP (Mod. 859) (Pre-Mod. 1100)							
8101	1P3788					1	—	A	
		TANK, FUEL, No. 4, PORT, GROUP (Mod. 1100)							
8080	2P3616					1	—	A	
		TANK, FUEL, No. 4, STARBOARD, GROUP (Mod. 859) (Pre-Mod. 1100)							
8102	2P3788					1	—	A	
		TANK, FUEL, No. 4, STARBOARD, GROUP (Mod. 1100)							
		(See :—Tanks—Fuel)							
		FLIGHT RE-FUELLING LTD. C3601080							
		Valve, transfer (Pre-Mod. 745) ...							
		FLIGHT RE-FUELLING LTD. C3601080/E							
		Valve, transfer (Mod. 745) ...							

SHACKLETON Mk.

SERVICES  
FUEL INSTALLATION

Ref. No.	Part No.	Description	No. off				Matl. Spec.	Cl. of St.	Plate and Illust'n No.
			1	2	3	4		M.R.	
<b>INSTALLATION OF NO. 5 FUEL TANK PORT &amp; STARBOARD (1 &amp; 2P3098)</b>									
Spares for :—									
28D/9133011	A25/2/C	Bolt, 2BA x .65" long attachment of brackets on rib 37 & brackets to rib 19	8	—	—	—	—	C	
28D/8341	A1248/1/C	Bolt, 2BA x .50" long attachment of filler basin to filler panel	12	—	—	—	—	C	
11279	14/SS/4234/BG	Clip, half 2 1/4" dia. on bracket 1/2" face of rib 19	2	—	—	—	—	C	
11280	5/SS/4234/BG	Clip, half 2 1/4" dia. on bracket i/b face of rib 19	2	—	—	—	—	C	
28M/10288	AGS2001/C/1	Nut, stiff 2BA ... ..	10	—	—	—	—	C	
<b>PIPE TRANSFER NO. 5 TO NO. 4 TANK, PORT &amp; STARBOARD, GROUP (1 &amp; 2P3116)</b>									
Consisting of :—									
28D/9436920	A25/1/C	Bolt, 2BA x .55" long attachment of clips to ribs 18 & 19	6	—	—	—	—	C	
11277	6P3116	Clip, pipe 2 1/4" on ribs 18 & 19, starboard	2	—	L59	—	—	C	
11276	5P3116	Clip, pipe 2 1/4" on ribs 18 & 19, port	2	—	L59	—	—	C	
28E/9129562	AGS605/3	Clip, hose type J attachment of 2 1/4" o/d pipe to tank	8	—	—	—	—	C	
11278	AGS1661/L 4P3116	Clip, bonding ... ..	4	—	—	—	—	—	
11275	3P3116	Hose, pipe 2.25" i/d at transfer pipe to tank joint	4	—	—	—	—	C	
28W/9419475	SP/15/C	Pipe, fuel transfer 2.25" o/d x 20G	1	—	L56	—	—	C	
		Washer, thin 2BA ... ..	6	—	—	—	—	C	
8081	1P3617	<b>TANK, FUEL NO. 5 OUTBOARD, PORT, GROUP (Mod. 859) (Pre-Mod. 1100)</b> (See :—Tanks—Fuel)	1	—	—	—	—	A	
8082	2P3617	<b>TANK, FUEL NO. 5 OUTBOARD, STARBOARD, GROUP (Mod. 859) (Pre-Mod. 1100)</b> (See :—Tanks—Fuel)	1	—	—	—	—	A	
8103	1P3789	<b>TANK, FUEL, No. 5, PORT, GROUP (Mod. 1100)</b> (See :—Tanks—Fuel)	1	—	—	—	—	A	
8104	2P3789	<b>TANK, FUEL, No. 5, STARBOARD, GROUP (Mod. 1100)</b> (See :—Tanks—Fuel)	1	—	—	—	—	A	



SERVICES—FUEL INSTALLATION  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
5UE	272	2	28D	12513	35	28F	10018	2
5UE	4344	1	28D	12515	14	28F	10154	4
5UE	4986	7	28D	12516	4	28F	10380	1
5UE	5057	4	28D	12517	8	28F	10498	3
5UE	5648	1	28D	12518	2	28F	10500	3
			28D	12525	10	28F	10504	6
			28D	12528	19	28F	10610	3
			28D	12531	56	28F	10762	2
5W	297	4	28D	12532	2	28F	11096	2
5W	2974	1	28D	12534	5	28F	11339	10
			28D	12535	8	28F	11471	1
			28D	12536	8	28F	11855	2
			28D	12537	16	28F	12193	1
6A	1912	2	28D	12538	8	28F	12194	1
6A	2683	4	28D	12540	4	28F	12382	1
6A	2691	1	28D	12543	12	28F	12425	2
			28D	12567	6	28F	12747	5
			28D	12568	10			
			28D	12630	8			
6D	223	1	28D	12714	2	28J	12806	3
6D	427	1	28D	12810	2			
6D	574	1	28D	12855	2			
6D	575	1	28D	13447	2			
6D	808	2	28D	14522	2	28M	8752	2
6D	858	11	28D	14750	2	28M	8754	2
						28M	8770	2
						28M	10287	8
						28M	10288	298
27F	2152	6	28E	2151	1	28M	10290	12
27F	2155	1	28E	8182	4	28M	10298	8
27F	2234	1	28E	8183	47	28M	12296	8
27F	2236	1	28E	8184	20	28M	12305	3
			28E	8185	8	28M	13534	4
			28E	8186	16			
			28E	12526	4			
27U	553	3	28E	21521	1	28Q	6638	2
27U	554	2						
			28F	2234	3			
27V	2854	5	28F	2235	5	28W	3071	14
			28F	2236	1	28W	6770	2
			28F	8184	10	28W	12245	88
			28F	8215	14	28W	12252	56
27ZA	14	1	28F	8216	4	28W	12296	252
27ZA	15	1	28F	8294	6	28W	12346	7
			28F	9435	6	28W	12352	20
			28F	9439	6	28W	12355	20
			28F	9501	10	28W	12496	8
28D	8341	61	28F	9533	7	28W	15296	10
28D	8342	10	28F	9655	13			
28D	9588	8	28F	9704	10			
28D	11210	6	28F	9707	2			
28D	12510	4	28F	9708	5	28Y	10145	5
28D	12512	87	28F	9735	5	28Y	11843	3

SHACKLETON MK. 3

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	

FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>BOOST AND PRIMER INSTALLATION, PORT AND STARBOARD (P3085)</b>							
		Spares for :—							
28F/11855	AGS1113/A	Adaptor, bulkhead, $\frac{1}{8}$ " , boost pipes to flexible pipes				2	—	C	
26EA/12636	AASS3451	Adaptor, bulkhead, $\frac{3}{8}$ " , boost pipes to bulkheads				2	—	C	
	2SS3602	Adaptor, $\frac{1}{4}$ " , N.R.V. to priming valve ...				2	L40		
28F/10762	AGS1137/B	Bolt, banjo, $\frac{1}{4}$ " , on fuel pressure switch on inboard engine bulkhead				2	—	C	
28D/12512	A25/1/C	Bolt, 2 BA x .55" long, attachment of $\frac{3}{8}$ " pipe				8	—	C	
28D/12143	AS1246/2E	Bolt, $\frac{1}{4}$ " BSF x .65" long, attachment of priming pumps to bulkhead				6	—	C	
2453	1SS3859	Clip, pipe, $\frac{3}{8}$ " dia., for securing $\frac{3}{8}$ " pipes to bulkheads				8	—	C	
		<b>COVER, PUMP, PRIMING, ON I/B ENGINE BULKHEAD (P3157)</b>							
		Spares for :—							
28D/12528	A25/1/B	Bolt, 4 BA x .5" long, attachment of cover plate				3	—	C	
	3P3157	Bracket, RH., 3.75" x 3" x 22G ...				1	L72		
	4P3157	Bracket, LH., 3.75" x 3" x 22G ...				1	L72		
9129	2P3157	<b>COVER, PUMP, PRIMING, GROUP</b>				1	L72	C	
	5P3157	Plate, cover, 1 $\frac{3}{8}$ " radius x 20G ...				1	L72		
28W/12305	SP13/B	Washer, thin, 4 BA. ...				3	—	C	
	14P3109	<b>FAIRLEAD, FOR <math>\frac{1}{2}</math>" BOOST PIPE, BETWEEN HEATER PUMP AND TEE-PIECE ON I/B ENGINE BULKHEAD, GROUP</b>				1	—		
6A/2683	—	Gauge, fuel pressure, in fuselage ...				4	—	A	
28F/9735	AGS1142/A	Nipple, adaptor, $\frac{3}{8}$ " , boost pipes to bulkhead adaptors				5	—	C	
28F/9501	AGS1142/B	Nipple, adaptor, $\frac{1}{4}$ " , N.R.V. to primer pipes ...				10	—	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ...				8	—	C	
28M/10290	AGS2001/E/1	Nut, stiff, $\frac{1}{4}$ " BSF ...				6	—	C	
1840	64SS3557	Piece, tee, $\frac{1}{8}$ " BSF, between formers "D" and "E", below fuselage floor, port side				2	L40	C	
4402	99SS3557	Piece, tee, $\frac{3}{8}$ " BSF, aft inboard engine bulkheads				1	L40	C	
	144SS3557	Piece, tee, $\frac{1}{4}$ " BSF, below priming valve, aft inboard engine bulkhead				1	—		
3917	364P2437	Piece, tee, restrictor, $\frac{1}{4}$ " BSF, aft outboard engine bulkheads				1	—	C	
9136	46P3085	<b>PIPE, BOOST, <math>\frac{3}{8}</math>" o/d x 22G x 2' 10" LONG APPROX., ADAPTOR ON BULKHEAD IN O/B NACELLE TO UNION ON FRONT SPAR, PORT, GROUP</b>				1	T7	C	

## FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
9308	49P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 2' 7" LONG APPROX., ADAPTOR ON I/B ENGINE BULKHEAD TO JUNCTION BLOCK ON FRONT SPAR, PORT, GROUP	1	T7	C	
	106P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 1" LONG, O/B UNION AT FORMER "B" TO O/B UNION AT FORMER 6, BELOW FUSELAGE FLOOR, PORT, GROUP	1	DTD323A		
	107P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 9' 5" LONG, I/B UNION AT FORMER "B" TO I/B UNION AT FORMER 6, BELOW FUSELAGE FLOOR, PORT, GROUP	1	DTD323A		
	108P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 2' 4" LONG, I/B UNION AT FORMER "B" TO TEE-PIECE AT FORMER "E", BELOW FUSELAGE FLOOR, PORT, GROUP	1	DTD323A		
	109P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 2' 6" LONG, O/B UNION AT FORMER "B" TO O/B TEE-PIECE, BELOW FUSELAGE FLOOR, PORT, GROUP	1	DTD323A		
	110P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 10" LONG, I/B UNION AT FORMER "B" TO I/B UNION MANIFOLD BELOW FUSELAGE FLOOR, STARBOARD, GROUP	1	DTD323A		
	111P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 1' 11" LONG, PORT MANIFOLD TO I/B TEE-PIECE, BELOW FUSELAGE FLOOR, GROUP	1	DTD323A		
	112P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 1' 8" LONG, PORT MANIFOLD TO O/B TEE-PIECE, BELOW FUSELAGE FLOOR, GROUP	1	DTD323A		
	114P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 5' 2" LONG, O/B UNION ABOVE 2nd PILOT'S FLOOR TO FLEXIBLE PIPE ON O/B FUEL PRESSURE GAUGE, GROUP	1	DTD323A		
	115P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 6" LONG, O/B UNION ABOVE 2nd PILOT'S FLOOR TO ADAPTOR AT FORMER "E", BELOW FUSELAGE FLOOR, STARBOARD, GROUP	1	DTD323A		
	116P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 5' 2" LONG, I/B UNION ABOVE 2nd PILOT'S FLOOR TO FLEXIBLE PIPE AT I/B FUEL PRESSURE GAUGE, STARBOARD, GROUP	1	DTD333A		

## SERVICES

## FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
	117P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 4' 9" LONG, I/B UNION ABOVE 2nd PILOT'S FLOOR TO ADAPTOR AT FORMER "E" BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	118P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 5' 1" LONG, O/B UNION ABOVE 1st PILOT'S FLOOR TO FLEXIBLE PIPE AT O/B FUEL PRESSURE GAUGE, PORT, GROUP				1	DTD323A		
	119P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 5' 5" LONG, I/B UNION ABOVE 1st PILOT'S FLOOR TO FLEXIBLE PIPE AT I/B FUEL PRESSURE GAUGE, PORT, GROUP				1	DTD323A		
	82P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, I/B ADAPTOR AT FORMER "E" TO PORT MANIFOLD BELOW FUSELAGE FLOOR, GROUP				1	DTD323A		
	83P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 2' 8" LONG, O/B ADAPTOR AT FORMER "E" TO PORT MANIFOLD, BELOW FUSELAGE FLOOR, GROUP				1	DTD323A		
	84P3085	PIPE, BOOST, $\frac{1}{2}$ " o/d x 22G x 2' 0" LONG, I/B MANIFOLD AT FORMER "E", BELOW FUSELAGE FLOOR TO O/B WATER METHANOL SWITCH, STARBOARD, GROUP				1	DTD323A		
	85P3085	PIPE, BOOST, $\frac{1}{2}$ " o/d x 22G x 2' 4" LONG, O/B MANIFOLD TO BELOW FUSELAGE FLOOR TO I/B WATER METHANOL SWITCH, STARBOARD, GROUP				1	DTD323A		
	86P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 3' 1" LONG, ADAPTOR AT FORMER "E" TO I/B MANIFOLD BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	87P3085	PIPE, BOOST, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, ADAPTOR AT FORMER "E" TO OUTBOARD MANIFOLD, BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	88P3085	PIPE, BOOST, $\frac{1}{2}$ " o/d x 22G x 2' 9" LONG, I/B TEE-PIECE AT FORMER "E" BELOW FUSELAGE FLOOR TO O/B WATER METHANOL SWITCH, PORT, GROUP				1	DTD323A		

## SERVICES

## FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
	89P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 6" LONG, I/B UNION ABOVE 1st PILOT'S FLOOR TO PORT MANIFOLD BELOW FUSELAGE FLOOR, GROUP				1	DTD323A		
	90P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 6" LONG, O/B UNION ABOVE 1st PILOT'S FLOOR TO PORT MANIFOLD BELOW FUSELAGE FLOOR, GROUP				1	DTD323A		
	91P3085	PIPE, BOOST, $\frac{1}{4}$ " o/d x 22G x 2' 1" LONG, O/B TEE-PIECE AT FORMER BELOW FUSELAGE FLOOR TO I/B WATER METHANOL SWITCH, PORT, GROUP				1	DTD323A		
	92P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 5" LONG, MANIFOLD TO O/B UNION AT FORMER "B" BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	93P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 1" LONG, O/B UNION AT FORMER "B" TO O/B UNION AT FORMER 6 BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	94P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 8" LONG, I/B UNION AT FORMER "B" TO I/B UNION AT FORMER 6 BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
9126	20P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 2' 3" LONG, ADAPTOR ON I/B BULKHEAD TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	T7	C	
9137	25P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 4' 6" LONG, ADAPTOR ON O/B ENGINE BULKHEAD TO UNION ON FRONT SPAR, STARBOARD, GROUP				1	T7	C	
	96P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 4" LONG, UNION BETWEEN RIBS 6 AND 6A TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	DTD323A		
	97P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 2" LONG, REAR ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	DTD323A		

## SERVICES

## FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Place and Illust'n No.
		1	2	3	4			M.R.	
	98P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 2" LONG, FORWARD ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	DTD323A		
	99P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 7' 8" LONG, ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO UNION BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	100P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 7' 1" LONG, REAR ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO ADAPTOR BELOW FUSELAGE FLOOR, STARBOARD, GROUP				1	DTD323A		
	101P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 6' 8" LONG, FORWARD ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO ADAPTOR BELOW FUSELAGE FLOOR, PORT, GROUP				1	DTD323A		
	102P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 7' 1" LONG, REAR ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO ADAPTOR BELOW FUSELAGE FLOOR, PORT, GROUP				1	DTD323A		
	103P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 7' 1" LONG, FORWARD ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO JUNCTION BLOCK ON FRONT SPAR, PORT, GROUP				1	DTD323A		
	104P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 10' 9" LONG, REAR ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO PIPE BRACKET ON FRONT SPAR, PORT, GROUP				1	DTD323A		
	105P3085	PIPE, BOOST, $\frac{3}{16}$ " o/d x 22G x 9' 8" LONG, UNION AT PIPE BRACKET ON FRONT SPAR TO UNION, BETWEEN RIBS 6 AND 6A, PORT, GROUP				1	DTD323A		
	DUNLOP DC300B/11-5	PIPE, FLEXIBLE, $\frac{1}{2}$ " BORE, FUEL PRESSURE GAUGE TO UNION, BELOW FUSELAGE FLOOR, GROUP				4	—		

## FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
9128	17P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 5' LONG, I/B ENGINE PRIMING PUMP ON BULKHEAD TO TEE-PIECE, STARBOARD, GROUP				1	T7	C	
10713	18P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 2' 3" LONG, I/B ENGINE PRIMING PUMP TO TEE-PIECE ON PRIMING VALVE, STARBOARD, GROUP				1	T7	C	
9127	19P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 1' 9" LONG, ADAPTOR ON I/B ENGINE BULKHEAD TO N.R.V., STARBOARD, GROUP				1	T7	C	
	95P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 9' 7" LONG, UNION BETWEEN RIBS 6 AND 6A TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	DTD323A		
9132	23P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 2' 2" LONG, PRIMING VALVE, AFT O/B ENGINE BULKHEAD TO RESTRICTOR TEE-PIECE, STARBOARD, GROUP				1	T7	C	
9134	24P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 1' 9" LONG, ADAPTOR ON O/B ENGINE BULKHEAD TO N.R.V., STARBOARD, GROUP				1	T7	C	
9138	26P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 5' 5" LONG, RESTRICTOR TEE-PIECE TO UNION ON FRONT SPAR, STARBOARD, GROUP				1	T7	C	
9123	29P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 3' 7" LONG, FROM TEE-PIECE ON N.R.V. AFT I/B ENGINE BULKHEAD TO JUNCTION BLOCK ON FRONT SPAR, STARBOARD, GROUP				1	T7	C	
10712	30P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 10" LONG, HEATER PUMP TO TEE-PIECE ON I/B ENGINE BULKHEAD, STARBOARD, GROUP				1	T7	C	
10729	40P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 8' 10" LONG, FROM UNION BETWEEN RIBS 6 AND 6A TO UNION AFT I/B ENGINE BULKHEAD, PORT, GROUP				1	T7	C	
10051	43P3085	PIPE, PRIMER, $\frac{1}{4}$ " o/d x 22G x 1' 0" LONG, TEE-PIECE, BELOW PRIMING VALVE TO PRIMING PUMP ON I/B ENGINE BULKHEAD, PORT, GROUP				1	T7	C	

SERVICES

FUEL INSTALLATION—BOOST AND PRIMER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
9135	44P3085	PIPE, PRIMER, 1/2" o/d x 22G x 2' 3" LONG, TEE-PIECE, AFT O/B ENGINE BULKHEAD TO UNION BETWEEN RIBS 6 AND 6A, PORT, GROUP				1	T7	C	
9131	45P3085	PIPE, PRIMER, 1/2" o/d x 22G x 4' 10" LONG, PRIMING VALVE, AFT O/B ENGINE BULKHEAD TO TEE-PIECE ON FRONT SPAR, PORT, GROUP				1	T7	C	
9133	47P3085	PIPE, PRIMER, 1/2" o/d x 22G x 2' 10" LONG, N.R.V. ON PRIMING VALVE TO ADAPTOR ON O/B ENGINE BULKHEAD, PORT, GROUP				1	T7	C	
9122	67P3085	PIPE, PRIMER, 1/2" o/d x 22G x 4' 7" LONG, TEE-PIECE, BELOW PRIMING VALVE ON I/B ENGINE BULKHEAD TO UNION ON FRONT SPAR, PORT, GROUP				1	T7	C	
10730	79P3085	PIPE, PRIMER, 1/2" o/d x 22G x 3' 7" LONG, ADAPTOR ON I/B ENGINE BULKHEAD TO N.R.V. ON PRIMING VALVE, PORT, GROUP				1	T7	C	
	113P3085	PIPE, PRIMER, DRAIN, 3/8" o/d x 22G x 3' 3" LONG, FROM PRIMING PUMP ON I/B ENGINE BULKHEAD TO OUTLET, GROUP				1	DTD323A		
5UE/5057	—	Pump, priming, aft inboard engine bulkhead...				1	—	A	
	SMITHS INSTRUMENTS 157/1/PG	Switch, fuel pressure, aft inboard engine bulkhead				1	—		
5UE/4344	—	Valve, priming, aft inboard and outboard engine bulkheads				2	—	A	
	SAUNDERS CO., LTD. 702/AA/02	Valve, non-return, on primer pipe from pump to adaptor on inboard and outboard bulkheads				2	—		
28W/12296	SP/15/C	Washer, thin, 2 BA ... ..				8	—	C	

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Place and Illust'n No.
		1	2	3	4			M.R.	

SERVICES  
FUEL INSTALLATION  
HEATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HEATER, FUEL INSTALLATION (P3111)</b>							
		Spares for :—							
28F/9533	AGS1145/B	Adaptor, cone, $\frac{1}{4}$ " BSP, for $\frac{1}{4}$ " heater fuel pipes				6	—	C	
28D/12512	A25/1/C	Bolt, 2 BA x .55" long, attachment of pipe clips to inboard engine bulkhead, starboard				4	—	C	
28D/12855	A25/27/C	Bolt, 2 BA x 3.15" long, attachment of filter mounting to inboard bulkhead, starboard				2	—	C	
28D/12543	A25/6/E	Bolt, $\frac{1}{4}$ " BSF x 1.1" long, attachment of heater fuel pump to inboard engine bulkhead, starboard				6	—	C	
2453	1/SS3859	Clip, pipe, securing, $\frac{1}{4}$ ", heater drain pipe to inboard engine bulkhead, starboard				4	—	C	
	121/SS3557	Coupling, tee, $\frac{3}{8}$ " BSP, in heater bays ... ..				2	—		
	5P3109	<b>FAIRLEAD, FOR <math>\frac{1}{4}</math>" HEATER FUEL PIPES ON I/B ENGINE SUBFRAME, PORT, GROUP</b>				3	—		
	6P3109	Mounting, block, $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{3}{4}$ " thick, for filter on inboard engine bulkhead, starboard				1	BSS668		
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ... ..				4	—	C	
28M/10290	AGS2001/E/1	Nut, stiff, $\frac{1}{4}$ " BSF ... ..				6	—	C	
	3P3108	Piece, packing, $\frac{3}{8}$ " o/d x 17G x $\frac{1}{2}$ " long, for heater fuel pump				2	L54		
28F/10610	AGS1118/B	Piece, tee, $\frac{1}{4}$ " BSF, at former "D", between formers "B" and "C", and at front spar				3	—	C	
	71P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{2}$ " o/d x 22G x 12' LONG APPROX., REAR CONTROL UNIT TO 4-WAY PIECE, PORT, GROUP				1	DTD253A		
	72P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{2}$ " o/d x 22G x 25' LONG, REAR HEATER TO 4-WAY PIECE, PORT, GROUP				1	DTD253A		
	73P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{2}$ " o/d x 22G x 8" LONG, REAR HEATER TO 4-WAY PIECE, PORT, GROUP				1	DTD253A		
	74P3111	PIPE, DRAIN, HEATER FUEL, 4-WAY PIECE, PORT, TO OUTLET, STARBOARD, GROUP				1	DTD253A		
	76P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{2}$ " o/d x 22G x 21' LONG, RATED FLOW VALVE TO UNION BETWEEN FORMERS 8 AND 9, STARBOARD, GROUP				1	DTD253A		

**SERVICES**  
**FUEL INSTALLATION**  
**HEATER**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
	77P3111	PIPE, DRAIN, HEATER FUEL, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, UNION BETWEEN FORMERS 8 AND 9 TO OUTLET, STARBOARD, GROUP				1	DTD253A		
	78P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 11" LONG, CONTROL UNIT TO ADAPTOR AT FORMER 30, STARBOARD, GROUP				1	DTD253A		
	68P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 4" LONG, O/B COUPLING TO HEATER, PORT, GROUP				1	DTD253A		
	67P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 30" LONG, O/B COUPLING TO HEATER, PORT, GROUP				1	DTD253A		
	82P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 26" LONG, O/B COUPLING TO HEATER, STARBOARD, GROUP				1	DTD253A		
	83P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 5" LONG, O/B COUPLING TO HEATER, STARBOARD, GROUP				1	DTD253A		
	84P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 15" LONG, BETWEEN TEE COUPLINGS, STARBOARD, GROUP				1	DTD253A		
	85P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 5" LONG, O/B COUPLINGS TO HEATER, STARBOARD, GROUP				1	DTD253A		
	86P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 14" LONG, O/B COUPLING TO CONTROL UNIT, STARBOARD, GROUP				1	DTD253A		
	87P3111	PIPE, DRAIN, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 14" LONG APPROX., O/B COUPLING TO CONTROL UNIT, PORT, GROUP				1	DTD253A		
10733	2P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 10' 0" LONG, UNION FORMER "B" TO RATED FLOW VALVE BETWEEN FORMERS 4 AND 5, STARBOARD, GROUP				1	DTD253A	C	
	75P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 6' 1" LONG, TEE-PIECE TO ADAPTOR AT MAINPLANE AND FUSELAGE INTERSECTION, STARBOARD, GROUP				1	DTD253A		

**SERVICES**  
**FUEL INSTALLATION**  
**HEATER**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
10735	6P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 2' 5" LONG, SOLENOID VALVE TO TEE-PIECE ON FRONT SPAR, STARBOARD, GROUP	1	DTD253A	C	
10736	8P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 5' 0" LONG, RATED FLOW VALVE TO UNION, STARBOARD, GROUP	1	DTD253A	C	
10737	9P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 7' 5" LONG, UNION ON FRONT SPAR TO ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION, STARBOARD, GROUP	1	DTD253A	C	
10708	10P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 52" LONG, FILTER TO UNION AFT I/B ENGINE BULKHEAD, STARBOARD, GROUP	1	DTD253A	C	
10707	11P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 1' 4" LONG, HEATER FUEL PUMP TO SOLENOID PRIMING VALVE, AFT I/B ENGINE BULKHEAD, STARBOARD, GROUP	1	DTD253A	C	
	12P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 17" LONG, SOLENOID VALVE TO CONTROL UNIT, PORT, GROUP	1	DTD253A		
	70P3111	PIPE, FEED, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 27" LONG, HEATER FUEL PUMP, AFT I/B ENGINE BULKHEAD TO OUTLET, STARBOARD, GROUP	1	DTD253A		
10738	14P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 12' 9" LONG, UNION TO ADAPTOR AT FORMER 22, STARBOARD, GROUP	1	DTD253A	C	
10739	16P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 20" LONG, UNION TO TEE-PIECE AT FORMER "B", BELOW FUSELAGE FLOOR, STARBOARD, GROUP	1	DTD253A	C	
10740	17P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 19" LONG, TEE-PIECE AT FORMER "D" I/B TO ADAPTOR, BELOW FUSELAGE FLOOR, STARBOARD, GROUP	1	DTD253A	C	
	226P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 23" LONG, ADAPTOR AT FORMER "D" O/B TO TEE-PIECE, BELOW FUSELAGE FLOOR, PORT, GROUP	1	DTD253A		

**SERVICES**  
**FUEL INSTALLATION**  
**HEATER**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
10742	19P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 35" LONG, SOLENOID VALVE TO UNION AT FORMER "D", PORT, GROUP	1	DTD253A	C	
10743	20P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 46" LONG, HEATER TO CONTROL UNIT, PORT, GROUP	1	DTD253A	C	
10744	21P3111	PIPE, FEED, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 32" LONG, HEATER TO CONTROL UNIT, PORT, GROUP	1	DTD253A	C	
10745	22P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 38" LONG, SOLENOID VALVE TO CONTROL UNIT, STARBOARD, GROUP	1	DTD253A	C	
10746	23P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 22" LONG, HEATER TO CONTROL UNIT, STARBOARD, GROUP	1	DTD253A	C	
10747	24P3111	PIPE, FEED, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 23" LONG, O/B COUPLING TO HEATER, STARBOARD, GROUP	1	DTD253A	C	
10748	25P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 90" LONG, UNION AT FORMER 24 TO UNION BETWEEN FORMERS 27 AND 28, STARBOARD, GROUP	1	DTD253A	C	
10749	26P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 38" LONG, UNION BETWEEN FORMERS 27 AND 28 TO UNION AT FORMER 30, STARBOARD, GROUP	1	DTD253A	C	
10750	27P3111	PIPE, FEED, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 43" LONG, REAR HEATER TO CONTROL UNIT AT FORMER 30, GROUP	1	DTD253A	C	
10751	28P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 33" LONG, REAR HEATER TO CONTROL UNIT AT FORMER 30, GROUP	1	DTD253A	C	
10752	29P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 28" LONG, BETWEEN UNION AND ADAPTOR ON FORMER 30, BELOW FUSELAGE FLOOR, STARBOARD, GROUP	1	DTD253A	C	
10753	30P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 18" LONG, TEE-PIECE AT FORMER "D" TO SOLENOID VALVE, STARBOARD, GROUP	1	DTD253A	C	

SERVICES  
FUEL INSTALLATION  
HEATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
10754	31P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 29' LONG, ADAPTOR AT FORMER 30, O/B TO CONTROL UNIT, STARBOARD, GROUP				1	DTD253A	C	
10755	32P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 17' LONG, ADAPTOR AT FORMER 22 TO UNION, STARBOARD, GROUP				1	DTD253A	C	
10709	33P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 7' LONG, SOLENOID VALVE TO FILTER, AFT I/B ENGINE BULKHEAD, STARBOARD, GROUP				1	DTD253A	C	
10756	58P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 1' 8" LONG, SOLENOID VALVE BETWEEN FORMERS 8 AND 9 TO RATED FLOW VALVE, STARBOARD, GROUP				1	DTD253A	C	
10757	65P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 1' 8" LONG, SOLENOID VALVE TO RATED FLOW VALVE, FORWARD OF FRONT SPAR, STARBOARD, GROUP				1	DTD253A	C	
10758	66P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 12' LONG, TEE-PIECE AT FRONT SPAR TO SOLENOID VALVE, STARBOARD, GROUP				1	DTD253A	C	
10759	54P3111	PIPE, FEED, HEATER FUEL, $\frac{1}{4}$ " o/d x 22G x 64' LONG, UNION AT FORMER 22 TO ADAPTOR AT FORMER 24, PORT, GROUP				1	DTD253A	C	
	79P3111	PIPE, VENT, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 1' 9" LONG, RATED FLOW VALVE BETWEEN FORMERS 4 AND 5 O/B TO UNION, STARBOARD, GROUP				1	DTD253A		
	80P3111	PIPE, VENT, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 1' 8" LONG, I/B TO O/B UNION ON VENT LINE FROM RATED FLOW VALVE BETWEEN FORMERS 4 AND 5, STARBOARD, GROUP				1	DTD253A		
	81P3111	PIPE, VENT, HEATER FUEL, $\frac{3}{16}$ " o/d x 22G x 14' LONG, O/B UNION ON VENT LINE FROM RATED FLOW VALVE BETWEEN FORMERS 4 AND 5 TO OUTLET, STARBOARD, GROUP				1	DTD253A		
5UE/5648	—	Pump, heater fuel, aft inboard engine bulkhead, starboard				1	—	A	

SERVICES  
FUEL INSTALLATION  
HEATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
28F/9704	AGS/1102/B					4	—	C	
27U/553	—					3	—	A	
27U/554	—					2	—	A	
27V/2854	—					5	—	A	
28W/12296	SP/15/C					6	—	C	
28W/12352	SP/10/E					6	—	C	

## SERVICES

## FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>METHANOL WATER SYSTEM, PORT AND STARBOARD (P3107)</b>							
		Spares for :—							
28D/12512	A25/1/C	<b>Bolt</b> , 2 BA x .55" long, $\frac{3}{8}$ " clips to subframe, outboard engine nacelle				3	—	C	
28D/12513	A25/2/C	<b>Bolt</b> , 2 BA x .65" long, $\frac{3}{8}$ " clips to trailing edge ribs 13, 14B, 16 and 16B				8	—	C	
28D/12531	A25/3/C	<b>Bolt</b> , 2 BA x .75" long, injector pump to subframe, outboard engine nacelle				16	—	C	
28D/12534	A25/9/C	<b>Bolt</b> , 2 BA x 1.35" long, clip to subframe, aft inboard engine bulkhead				1	—	C	
28D/12538	A25/15/C	<b>Bolt</b> , 2 BA x 1.95" long, injector pump to subframe, outboard engine nacelle				8	—	C	
28D/12567	A25/20/C	<b>Bolt</b> , 2 BA x 2.45" long, PR valve bracket to subframe, outboard engine nacelle				6	—	C	
28D/14522	A25/23/E	<b>Bolt</b> , $\frac{1}{4}$ " BSF x 2.8" long, PR valve bracket to subframe, aft inboard engine bulkhead				2	—	C	
28D/14750	A25/27/E	<b>Bolt</b> , $\frac{1}{4}$ " BSF x 3.2" long, PR valve bracket to subframe, aft inboard engine bulkhead				2	—	C	
10760	2P3114	<b>Bracket</b> , mounting, for avery coupling to subframe, aft inboard engine bulkhead				1	S3	C	
10761	11P3109	<b>BRACKET, FOR PR VALVE, AFT OF INBOARD ENGINE BULKHEAD, GROUP</b>				1	—	C	
	25P2437	<b>Bracket</b> for $\frac{3}{4}$ " dia. water methanol pipes, on trailing edge ribs 13, 14B, 16, 16B, port				4	—		
	31SS3264	<b>Clip</b> , pipe, $2\frac{3}{8}$ " dia. water methanol pipe to subframe, aft inboard engine bulkhead				1	DTD275		
2483	10SS3859	<b>Clip</b> , pipe, $\frac{3}{4}$ " dia. water methanol pipe to $2\frac{3}{8}$ " clip, on subframe, aft inboard engine bulkhead and to ribs 13, 14B, 16 and 16B, along trailing edge				5	—	C	
	30SS3264	<b>Clip</b> , half $\frac{3}{4}$ " dia. water methanol pipe to subframe, outboard engine nacelle				2	DTD275		
28E/8183	AGS605/1	<b>Clip</b> , hose, type "J", $\frac{7}{8}$ ", tee to vent valve joint in trailing edge and outboard subframe				2	—	C	
10762	17P3093	<b>Clip</b> , half, for bracket to rear bearer tube, outboard nacelle, port				6	—	C	
	18P3093	<b>Clip</b> , half, for bracket to rear bearer tube, outboard nacelle, starboard				6	—		
10763	31P3093	<b>Clip</b> , half, attachment of inboard front bracket to subframe, outboard nacelle, port				2	—	C	
10764	32P3093	<b>Clip</b> , half, attachment of inboard front bracket to subframe, starboard				2	—	C	
10765	33P3093	<b>Clip</b> , bracket attachment of bearer tube to bracket				2	—	C	

SERVICES

FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	LOCKHEED, AVERY AVA50F	<b>COUPLING, SELF-SEALING, AT BULK-HEAD, GROUP</b>				2	—		
		Consisting of :—							
27M/8752	AVA55F	Coupling, flanged, half ... ..				1	—	C	
27M/8754	AVA54F	Coupling, flanged, half ... ..				1	—	C	
27M/8770	AVA62F	Nut, union ... ..				1	—	C	
	12P3113	Fairlead, half, for 1/4" and 1/2" dia. pipes, on outboard engine subframe				1	—		
	AS3220	Filter, water methanol, on outboard engine subframe				2	—		
	7P3114	Hose, rubber, 3/4" l/d x 1 1/8" o/d x 2 1/2" long, 3/4" pipe joint, outboard engine subframe				1	BSS6F7		
	7P3154	Hose, rubber, 1/2" l/d x 1 1/4" o/d x 2" long, tee-piece to vent valve joint, in trailing edge				1	BSS6F7		
	2P2786	<b>MOUNTING, FILTER, OUTBOARD ENGINE NACELLE, PORT AND STARBOARD, GROUP</b>				1	—		
		Spares for :—							
28D/12512	A25/1C	Bolt, 2 BA x .5" long, attachment of filter to bracket				3	—	C	
28D/12536	A25/13C	Bolt, 2 BA x 1.7" long, attachment of bracket to subframe				2	—	C	
	3P2515	Bracket, mounting ... ..				1	L72		
	3P2786	Clip, bracket attachment ... ..				2	—		
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA ... ..				5	—	C	
28W/3071	AGS160/C	Washer, bright, 2 BA ... ..				3	—	C	
		<b>MOUNTING, METHANOL WATER TANK, OUTBOARD ENGINE NACELLE, PORT AND STARBOARD (1P3093)</b>							
		Spares for :—							
28D/12516	A25/11/C	Bolt, 2 BA x 1.55" long, attachment of clips to bearer tube				4	—	C	
28D/12537	A25/14/C	Bolt, 2 BA x 1.85" long, attachment of bracket to subframe				12	—	C	
28D/12568	A25/22/C	Bolt, 2 BA x 2.65" long, attachment of bracket to clips on bearer tube				4	—	C	
10766	3P3093	<b>BRACKET, INBOARD, TOP, PORT, GROUP</b>				1	—	C	
10767	4P3093	<b>BRACKET, INBOARD, TOP, STARBOARD, GROUP</b>				1	—	C	
10768	5P3093	<b>BRACKET, OUTBOARD, TOP, PORT, GROUP</b>				1	—	C	
10769	6P3093	<b>BRACKET, OUTBOARD, TOP, STARBOARD, GROUP</b>				1	—	C	
10770	9P3093	<b>BRACKET, OUTBOARD, FRONT, PORT, GROUP</b>				1	—	C	
10771	10P3093	<b>BRACKET, OUTBOARD, FRONT, STARBOARD, GROUP</b>				1	—	C	

SERVICES

FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MOUNTING, METHANOL WATER TANK, OUTBOARD ENGINE NACELLE, PORT AND STARBOARD (1P3093)</b> (Cont'd)							
10772	11P3093	<b>BRACKET, INBOARD, FRONT, PORT, GROUP</b>				1	—	C	
10773	30P3093	<b>BRACKET, INBOARD, FRONT, STARBOARD, GROUP</b>				1	—	C	
10774	1P3115	<b>BRACKET, TANK SADDLE, GROUP</b>				1	—	C	
	2P3115	Spares for :— <b>BRACKET, MOUNTING, TANK SADDLE, GROUP</b>				2	—		
28D/9419397	A25/12/C	Spares for :— <b>Bolt, 2 BA x 1.65" long, attachment of bearer tube to bracket</b>				6	—	C	
28D/12537	A25/14/C	<b>Bolt, 2 BA x 1.85" long, through bearer tube</b>				4	—	C	
28M/10288	AGS2001/C/1	<b>Nut, stiff, 2 BA ... ..</b>				10	—	C	
	5P3115	<b>Tube, bearer, 2 3/8" dia. x 3/4" long ...</b>				4	DTD723		
28W/9419475	SP15/C	<b>Washer, thin, 2 BA ... ..</b>				10	—	C	
8824	24P3093	<b>STRAP, TANK, METHANOL WATER, GROUP</b>				2	—	C	
		Spares for :—							
10775	1SS3617	<b>Crosshead, 1/4" BSF, R/H. ... ..</b>				4	S1	C	
28M/10288	AGS2001/C/1	<b>Nut, stiff, 2 BA ... ..</b>				44	—	C	
28M/13534	AS27/EC	<b>Nut, stiff, 1/4" BSF ... ..</b>				4	—	C	
2456	475P2437	<b>Piece, tee, between flex pipe and P.R. valve in engine nacelles</b>				2	—	C	
	49P3107	<b>PIPE, DRAIN, 5/16" o/d x 20G x 10' LONG APPROX., FROM P.R. VALVE IN O/B NACELLE TO OUTLET, PORT, GROUP</b>				1	DTD323A		
	50P3107	<b>PIPE, DRAIN, 5/16" o/d x 20G x 4' 2" LONG APPROX., FROM P.R. VALVE IN O/B NACELLE TO OUTLET, STARBOARD, GROUP</b>				1	DTD323A		
	58P3107	<b>PIPE, DRAIN, 1/4" o/d x 22G x 2' 0" LONG APPROX., FROM I/B PUMP IN O/B NACELLE TO OUTLET, GROUP</b>				1	DTD323A		
	60P3107	<b>PIPE, DRAIN, 1/4" o/d x 22G x 2' 6" LONG APPROX., FROM O/B PUMP IN O/B NACELLE TO OUTLET, GROUP</b>				1	DTD323A		
	61P3107	<b>PIPE, FILLER DRAIN, 1/4" o/d x 20G x 5' 5" LONG, FILLER BASIN TO JOINT IN O/B NACELLE, PORT, GROUP</b>				1	DTD323A		

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## SERVICES

## FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
	62P3107	PIPE, FILLER DRAIN, $\frac{1}{2}$ " o/d x 20G x 4' 9" LONG, FILLER BASIN TO JOINT IN O/B NACELLE, STARBOARD, GROUP	1	DTD323A		
14199	73P3107	PIPE, DRAIN, $\frac{5}{16}$ " o/d x 20G x 5' 8" LONG, VALVE TO OUTLET IN O/B NACELLE, GROUP	1	DTD323A		
9020	5P3107	PIPE, FEED, FLEX, $\frac{3}{4}$ " BORE, AVERY COUPLING TO TEE-PIECE IN I/B AND O/B NACELLES, GROUP	1	—	C	
14824	78P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 2' 5" LONG, BULKHEAD TO AVERY COUPLING IN O/B NACELLE, PORT, GROUP (Mod. 772)	1	DTD323A		
12396	46P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 10" LONG, BULKHEAD TO AVERY COUPLING IN O/B NACELLE, STARBOARD, GROUP	1	DTD323A	C	
	58SP2437	PIPE FEED, $\frac{5}{16}$ " o/d x 20G 14' LONG, TEE-PIECE TO VALVE IN I/B AND O/B NACELLES, GROUP	1	DTD323A		
12410	66P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 8' 7" LONG, JOINT AT RIB 7, ALONG FRONT SPAR TO UNION AT I/B ENGINE SUB-FRAME, PORT, GROUP	1	DTD323A	C	
12411	67P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 9' 4" LONG, JOINT AT RIB 7, ALONG FRONT SPAR TO UNION AT I/B ENGINE SUB-FRAME, STARBOARD, GROUP	1	DTD323A	C	
12397	47P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 2' 9" LONG APPROX., FILTER TO VALVE IN O/B ENGINE NACELLE, PORT, GROUP	1	DTD323A	C	
12398	48P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 2' 1" LONG APPROX., FILTER TO VALVE IN O/B NACELLE, STARBOARD, GROUP	1	DYD323A	C	
12400	52P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 4" LONG APPROX., I/B FILTER TO I/B PUMP IN O/B NACELLE, GROUP	1	DTD323A	C	
12402	54P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 4" LONG APPROX., O/B PUMP TO O/B FILTER IN O/B NACELLE, GROUP	1	DTD323A	C	
12403	55P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 8" LONG, BETWEEN JOINTS ON I/B OF SUB-FRAME IN O/B NACELLE, PORT, GROUP	1	DTD323A	C	

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## SERVICES

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## FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
12404	56P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 7" LONG, BETWEEN JOINTS ON I/B SUBFRAME IN O/B NACELLE, STARBOARD, GROUP	1	DTD323A	C	
12413	69P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 4' 7" LONG, JOINT ON I/B SUBFRAME TO JOINT ON SUBFRAME, O/B NACELLE, STARBOARD, GROUP	1	DTD323A	C	
11501	71P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 1" LONG, FROM COUPLING AT BULKHEAD TO VALVE, AFT I/B ENGINE BULKHEAD, PORT, GROUP	1	DTD323A	C	
12416	72P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 2' 1" LONG, FROM COUPLING AT BULKHEAD TO VALVE, AFT I/B ENGINE BULKHEAD, STARBOARD, GROUP	1	DTD323A	C	
12417	74P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 5' 3" LONG, VALVE TO JOINT, O/B OF SUBFRAME, AFT I/B ENGINE BULKHEAD, GROUP	1	DTD323A	C	
12418	75P3107	PIPE, FEED, $\frac{3}{4}$ " o/d x 20G x 1' 10" LONG, UNION TO I/B FILTER IN O/B ENGINE NACELLE, PORT, GROUP	1	DTD323A	C	
12407	63P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 4' 9" LONG, ALONG SUBFRAME TO JOINT AT FRONT SPAR, O/B NACELLE, STARBOARD, GROUP	1	DYD323A	C	
12408	64P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 4' 9" LONG, ALONG SUBFRAME TO JOINT AT FRONT SPAR, O/B NACELLE, STARBOARD, GROUP	1	DTD323A	C	
12401	53P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 11' 7" LONG, JOINT AT RIB 19 TO JOINT AT RIB 12, TRAILING EDGE, GROUP	1	DTD323A	C	
12405	76P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 1' 6" LONG, FROM VENT VALVE ALONG TRAILING EDGE TO JOINT, BETWEEN RIBS 19 AND 20, PORT, GROUP	1	DTD323A		
12409	77P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 1' 6" LONG, FROM VENT VALVE ALONG TRAILING EDGE TO JOINT, BETWEEN RIBS 19 AND 20, STARBOARD, GROUP	1	DTD323A		
12406	59P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 3' 4" LONG, JOINT AT TRAILING EDGE RIB 18 TO JOINT AT REAR SPAR, STARBOARD, GROUP	1	DTD323A	C	
12399	51P3107	PIPE, VENT, $\frac{3}{4}$ " o/d x 20G x 3' 9" LONG, JOINT AT TRAILING EDGE RIB 18 TO JOINT AT REAR SPAR, PORT, GROUP	1	DTD323A	C	

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## SERVICES

## FUEL INSTALLATION—METHANOL WATER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St.	
12412	68P3107	PIPE, VENT, $\frac{3}{8}$ " o/d x 20G x 1' 4" LONG, BETWEEN TRAILING EDGE RIB 8 AND JOINT AT TRAILING EDGE RIB 11, GROUP				1	DTD323A	C	
12414	70P3107	PIPE, VENT, $\frac{3}{8}$ " o/d x 20G x 2' 5" LONG, JOINT AT TRAILING EDGE RIB 11 TO JOINT AT HINGE RIB 2, GROUP				1	DTD323A	C	
5UE/5272	—	Pump, injection, in outboard engine nacelle ...				2	—	A	
		TANKS, METHANOL WATER (1 & 2 P3094) (See :—Tanks, Methanol Water)							
2455	476P2437	Valve, pressure reducing, inboard and outboard nacelles				2	—	C	
6D/858	—	Valve, vent, Mk. 6, between trailing edge ribs 23 and 24				1	—	A	
		VENT, WATER METHANOL, IN OUTER MAINPLANE TRAILING EDGE (28 & 30P3582) (Mod. 769) Spares for:—							
	7P3154	Hose, P.R., $\frac{7}{8}$ " i/d x $1\frac{1}{2}$ " o/d x 2" ...				1	DTD625A		
	13P3154	Hose, P.R., $\frac{7}{8}$ " i/d x $1\frac{1}{2}$ " o/d x 0.94" ...				2	DTD625A		
	19P3582	Manifold, $\frac{7}{8}$ " o/d x 20G ...				1	L54		
	24P3582	Pipe, vent, $\frac{7}{8}$ " o/d x 22G x $5\frac{1}{2}$ " ...				1	L56		
12601	18P3582	Tee, vent ...				1	L54, L59		

SERVICES

FUEL INSTALLATION--NITROGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>NITROGEN INSTALLATION (P3106)</b>							
		Spares for :—							
10731	121SS/3553	Adaptor, $\frac{1}{4}$ " x $\frac{3}{8}$ " BSP, on filter in outer main-plane, port and starboard				2	DTD423	C	
28F/9708	AGS1104/B	Adaptor, cone, $\frac{1}{4}$ " BSP, for use on 5-way piece				4	—	C	
10732	120SS/3553	Adaptor, $\frac{1}{4}$ " x $\frac{5}{16}$ " BSP, for filter in outer main-plane, port and starboard				2	DTD423	C	
9465	15Z8043	Box, junction, at former "D", port ... ..				1	—		
	3P3172	Cylinder, H.P., nitrogen... ..				6	—		
6D/574	—	Filter, nitrogen, H.P. Mk. 1, forward of former "D", port				1	—	B	
6D/808	—	Filter, nitrogen, tubular, in outer mainplane, port and starboard				2	—	B	
	7P3143	Piece, 5-way, on front spar, port and starboard				2	—		
6D/575	—	Piece, connecting, 2-way, Mk. 3A, forward of former "D", port				1	—	B	
	83SS/3557	Piece, tee, $\frac{3}{8}$ " BSP, at former "D" ... ..				1	—		
9119	140SS/3557	Piece, tee, $\frac{1}{4}$ " BSP, on test valve in outer main-plane, port and starboard				2	DTD423B	C	
	154SS/3557	Piece, tee, $\frac{5}{16}$ " BSP, below floor in fuselage, forward of front spar				1	—		
	2P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 10' 4" LONG, UNION AT FORMER 6 TO ADAPTOR BRACKET AT FORMER "B", PORT GROUP				1	DTD323A		
	3P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 3' 7" LONG, TEE-PIECE, FORWARD OF FRONT SPAR TO UNION AT FORMER 6, PORT, GROUP				1	DTD323A		
	4P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 3' 4" LONG, ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION, PORT TEE-PIECE, FORWARD OF FRONT SPAR, GROUP				1	DTD323A		
	5P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 5' 0" LONG, ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION TO TEE-PIECE, FORWARD OF FRONT SPAR, STARBOARD, GROUP				1	DTD323A		

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## SERVICES

## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	7P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 11' 0" LONG, UNION O/B OF OUTER ENGINE RIB TO ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION, PORT, GROUP				1	DTD323A		
	8P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 10' 0" LONG, JUNCTION BLOCK ON FRONT SPAR TO ADAPTOR AT FUSELAGE AND MAINPLANE INTERSECTION, STARBOARD, GROUP				1	DTD323A		
	9P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 8' 10" LONG, UNION AT NOSE RIB 6A TO UNION O/B OF RIB 1, PORT, GROUP				1	DTD323A		
	10P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 9' 8" LONG, UNION AT NOSE RIB 6A I/B TO UNION AT RIB 1, STARBOARD, GROUP				1	DTD323A		
	11P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 5' 1" LONG, UNION AT RIB 6A TO UNION AT RIB 8A, PORT, GROUP				1	DTD323A		
	12P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 5' 1" LONG, UNION AT RIB 8A TO UNION AT RIB 6A, STARBOARD, GROUP				1	DTD323A		
	13P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 16' 8" LONG, ADAPTOR AT RIB 8 TO JOINT BETWEEN RIBS 18 AND 19, PORT, GROUP				1	DTD323A		
	14P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G x 16' 0" LONG, ADAPTOR AT RIB 8 TO JOINT BETWEEN RIBS 18 AND 19, STARBOARD, GROUP				1	DTD323A		
	15P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 2' 3" LONG, ADAPTOR ON FRONT SPAR O/B OF RIB 37 TO UNION BETWEEN RIBS 34 AND 35, STARBOARD, GROUP				1	DTD323A		
	16P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 2' 3" LONG, ADAPTOR ON FRONT SPAR O/B TO FILTER BETWEEN RIBS 34 AND 35, STARBOARD, GROUP				1	DTD323A		

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## SERVICES

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## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	17P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 1' 3" LONG, ELBOW ON 2 STAGE P.R.V. TO ADAPTOR ON FRONT SPAR, PORT, GROUP				1	DTD323A		
	133P3106	PIPE, NITROGEN, $\frac{1}{4}$ " o/d x 20G x 1' 11" LONG, ADAPTOR ON FRONT SPAR TO 2 STAGE P.R.V. AT RIB 37, STARBOARD, GROUP				1	DTD323A		
	134P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 22G x 10" LONG, ADAPTOR ON TIP TANK TO ADAPTOR ON FRONT SPAR O/B OF RIB 37, PORT, GROUP				1	DTD323A		
12419	135P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 22G x 10" LONG, ADAPTOR ON TIP TANK TO ADAPTOR ON FRONT SPAR O/B OF RIB 37, STARBOARD, GROUP				1	DTD323A	C	
9107	23P3106	PIPE, NITROGEN, $\frac{7}{8}$ " o/d x 20G x 1' 5" LONG, P.R.V. ON RIB 39 TO 2 STAGE N.R.V., GROUP				1	T45	C	
9108	24P3106	PIPE, NITROGEN, VENT, $\frac{7}{8}$ " o/d x 20G x 1' 3" LONG, N.R.V. TO 2 STAGE P.R.V. AT RIB 37, STARBOARD, GROUP				1	T45	C	
9116	25P3106	PIPE, NITROGEN, VENT WITH STUB, $\frac{3}{4}$ " o/d x 20G x 0" LONG, JOINT AT RIB 37 TO P.R.V., PORT AND STARBOARD, GROUP (Pre-Mod. 808)				2	T45	C	
9109	27P3106	PIPE, NITROGEN, $\frac{7}{8}$ " o/d x 20G x 9" LONG, UNION OF O/B OF RIB 37 TO N.R.V., PORT AND STARBOARD, GROUP				2	T45	C	
10499	28P3106	PIPE, NITROGEN, $\frac{1}{4}$ " o/d x 22G x 6" LONG, FILTER TO ADAPTOR AT FORMER "D", PORT, GROUP				1	DTD323A	C	
12849	136P3106	PIPE, NITROGEN, $\frac{3}{4}$ " o/d x 22G x 9" LONG, N.R.V. TO JOINT BETWEEN RIBS 37 AND 38, STARBOARD, GROUP				1	DTD323A	C	
12669	169P3106	PIPE, 4 WAY, AT RIB 37, PORT, GROUP (Mod. 808)				1	T35, T45	C	
12670	170P3106	PIPE, 4 WAY, AT RIB 37, STARBOARD, GROUP (Mod. 808)				1	T35, T45	C	
	171P3106	PIPE, $\frac{1}{2}$ " o/d x 22G, 4WAY PIPE TO P.R.V., PORT, GROUP (Mod. 808)				1	DTD323A		
	172P3106	PIPE, $\frac{1}{2}$ " o/d x 22G, 4WAY PIPE TO P.R.V., STARBOARD, GROUP (Mod. 808)				1	DTD323A		

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## SERVICES

## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	137P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 4' LONG, 5-WAY PIECE TO ELECTROMATIC TAP AT RIB 37, PORT AND STARBOARD, GROUP				2	DTD323A		
	138P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 22G x 6' LONG, TEE-PIECE TO PRESSURE REDUCING VALVE AT RIB 37, PORT AND STARBOARD, GROUP				2	DTD323A		
	139P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 22G x 8' LONG, ADAPTOR ON FRONT SPAR TO TEE-PIECE AT RIB 37, PORT AND STARBOARD, GROUP				2	DTD323A		
	38P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 6' LONG, P.R.V. TO 5-WAY PIECE ON RIB 37, PORT AND STARBOARD, GROUP				4	T35		
10469	43P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 6' 9" LONG, TEE-PIECE ON NITROGEN BOTTLE TO UNION AT FORMER "B", PORT, GROUP				1	DTD323A	C	
10470	44P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 1' 2" LONG, BETWEEN NITROGEN BOTTLES, PORT, GROUP				1	DTD323A	C	
10471	45P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 1' 10" LONG, BETWEEN NITROGEN BOTTLES, PORT, GROUP				1	DTD323A	C	
10501	46P3106	PIPE, NITROGEN, $\frac{1}{4}$ " o/d x 22G x 4' 7" LONG, NITROGEN BOTTLE TO ADAPTOR AT FORMER "B", PORT, GROUP				1	DTD323A	C	
10502	47P3106	PIPE, NITROGEN, $\frac{1}{4}$ " o/d x 22G x 8' LONG, FILTER TO MASTER VALVE, FORWARD OF FORMER "D", PORT, GROUP				1	DTD323A	C	
10505	50P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 1' 5" LONG, JUNCTION BOX TO ADAPTOR, FORWARD OF FORMER "D", PORT, GROUP				1	DTD323A	C	
10472	52P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 3' 7" LONG, UNION AT FORMER "B" TO NITROGEN BOTTLE, STARBOARD, GROUP				1	DTD323A	C	

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## SERVICES

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## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
10473	53P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 1' 0" LONG, BETWEEN TEE-PIECES ON NITROGEN BOTTLES, STARBOARD, GROUP	1	DTD323A	C	
10474	54P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 1' 7" LONG, BETWEEN TEE-PIECES ON NITROGEN BOTTLES, STARBOARD, GROUP	1	DTD323A	C	
10475	55P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 4' 9" LONG, UNION AT FORMER "D", TO NITROGEN BOTTLES, STARBOARD, GROUP	1	DTD323A	C	
12420	140P3106	PIPE, NITROGEN, $\frac{3}{8}$ " & $\frac{1}{2}$ " o/d x 22G BRANCH, UNION ON FRONT SPAR TO PRESSURE REDUCING VALVE AT RIB 37, PORT, GROUP	1	DTD323A	C	
	141P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, UNION ON STUB PIPE TO 2 STAGE P.R.V. AT RIB 37, STARBOARD, GROUP	1	DTD323A		
11500	142P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 22G x 1' 6" LONG, JOINT AFT OF FRONT SPAR TO N.R.V. AT RIB 37, STARBOARD, GROUP	1	DTD323A	C	
	61P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 2' 3" LONG, ADAPTOR ON FRONT SPAR TO 2 STAGE P.R.V. AT RIB 37, STARBOARD, GROUP	1	DTD323A		
10504	64P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 1' 1" LONG, TEST VALVE TO NITROGEN VALVE AT FORMER "D", PORT, GROUP	1	DTD323A	C	
	143P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 22G x 4" LONG, 5-WAY PIECE TO ELECTROMATIC TAP AT RIB 37, PORT AND STARBOARD, GROUP	2	DTD323A		
10503	66P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 2' 10" LONG, ADAPTOR FORWARD OF FORMER "B" TO VALVE AT FORMER "D", PORT, GROUP	1	DTD323A	C	
	68P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 13' 2" LONG, JOINT BETWEEN RIBS 18 AND 19 TO FILTER, PORT AND STARBOARD, GROUP	2	DTD323A		

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## SERVICES

## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
12422	145P3106	PIPE, NITROGEN, $\frac{3}{4}$ " o/d x 20G x 10' 0" LONG, ELBOW AFT REAR SPAR TO VENT VALVE BETWEEN RIBS 23 AND 24, PORT, GROUP	1	DTD323A	C	
	144P3106	PIPE, NITROGEN, $\frac{1}{2}$ " o/d x 20G x 1' 9" LONG, 2-WAY COCK ON FRONT SPAR TO P.R.V. AT RIB 37, PORT, GROUP	1	DTD323A		
11522	70P3106	PIPE, NITROGEN, $\frac{3}{4}$ " o/d x 20G x 1' 6" LONG, JOINT BETWEEN RIBS 37 AND 38 TO ELBOW AFT REAR SPAR, PORT, GROUP	1	DTD323A		
10500	72P3106	PIPE, NITROGEN, $\frac{3}{8}$ " o/d x 20G x 2' 3" LONG, UNION AT FORMER "B", TO UNION AT FORMER "D", PORT, GROUP	1	DTD323A	C	
10506	73P3106	PIPE, NITROGEN, $\frac{3}{16}$ " o/d x 22G x 1' 0" LONG, ON-OFF VALVE TO JUNCTION BOX, FORWARD OF FORMER "D", PORT, GROUP	1	DTD323A	C	
12310	147P3106	PIPE, NITROGEN, $\frac{5}{16}$ " o/d x 20G, UNION O/B OF OUTER ENGINE RIB TO TEE PIECE IN LINE TO VALVE, PORT, GRP. (Mod. 614)	1	DTD323A	C	
12603	155P3106	PIPE, $\frac{3}{16}$ " o/d x 22G N.R.V. to P.R.V. AT WING TIP, PORT, GROUP (Mod. 769)	1	DTD323A	C	
12604	156P3106	PIPE, $\frac{3}{16}$ " o/d x 22G, REDUCING ADAPTOR TO P.R.V., STARBOARD WING TIP, GROUP (Mod. 769)	1	DTD323A		
12605	157P3106	PIPE, $\frac{1}{4}$ " o/d x 22G, ADAPTOR ON REAR SPAR TO N.R.V. AT WING TIP, PORT, GROUP (Mod. 769)	1	DTD323A	C	
12606	158P3106	PIPE, $\frac{1}{4}$ " o/d x 22G, ADAPTOR ON REAR SPAR TO REDUCING ADAPTOR AT WING TIP, STARBOARD, GROUP (Mod. 769)	1	DTD323A	C	
12607	159P3106	PIPE, $\frac{1}{4}$ " o/d x 22G, UNION TO ADAPTOR ON REAR SPAR AT WING TIP, PORT, GROUP (Mod. 769)	1	DTD323A	C	
12608	160P3106	PIPE, $\frac{1}{4}$ " o/d x 22G, UNION TO ADAPTOR ON REAR SPAR AT WING TIP, STARBOARD, GROUP (Mod. 769)	1	DTD323A	C	

SHACKLETON Mk. 3

SERVICES

FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PANEL PIPING SERVICE AT FORMER "D" PORT (21Z8043) (Mod. 614) (Pre-Mod. 720) (24Z8043) (Mod. 720)</b>							
		Spare for:—							
2501	48Z5347	Adaptor, flanged, for blanking cap... ..				1	BSS251	C	
9272	9Z8043	BLOCK, JUNCTION, 1/4" BSP., GRP.				1	—	C	
9275	8Z8043	Block, junction, 1/4" BSP. ... ..				1	—	C	
9465	15Z8043	BLOCK, JUNCTION, BEHIND NITROGEN GAUGE, GROUP (Pre-Mod. 720)				1	—	C	
	26Z8043	BLOCK, JUNCTION, BEHIND NITROGEN GAUGE, GROUP (Mod. 720)				1	—		
9273	7Z8043	BLOCK, JUNCTION, BEHIND AIR GAUGES, GROUP (Pre-Mod. 720)				2	—	C	
7483	25Z8043	BLOCK, JUNCTION, BEHIND AIR GAUGES, GROUP (Mod. 720)				2	—	C	
	18Z8043	CAP, BLANKING, GROUP ... ..				1	—		
		Consisting of:—							
6D/797	—	Cap, blanking ... ..				1	—	C	
	18Za8043	Chain, 4" long ... ..				1	Brass		
	46cZ2537	Ring ... ..				1	—		
9271	6Z8043	FAIRLEAD, 3 PIPE, GROUP ... ..				1	—	C	
9270	5Z8043	FAIRLEAD, 4 PIPE, GROUP ... ..				1	—	C	
9269	4Z8043	FAIRLEAD, 8 PIPE, GROUP ... ..				2	—	C	
6A/2691	—	Gauge, air pressure ... ..				2	—	A	
6A/2689	—	Gauge, nitrogen ... ..				1	—	A	
9276	3Z8043	GUARD, COVER FOR PIPES, GROUP				1	—	C	
6A2771	—	Label, "AIR" ... ..				1	—	C	
6A2880	—	Label, "NIT." ... ..				1	—	C	
	13Z8043	PANEL, GROUP ... ..				1	—		
6A/2710	—	Plate, mask for air gauges ... ..				2	—	B	
6D/223	—	Valve, H.P. Nitrogen ... ..				1	—	A	

SHACKLETON Mk. 3

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## SERVICES

## FUEL INSTALLATION—NITROGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
28F/9704	AGS1102/B	Union, cone, $\frac{1}{4}$ " BSP. at formers " B " and " D "	2	—	C	
28F/8294	AGS1102/BB	Union, cone, $\frac{5}{8}$ " BSP. in mainplane ... ..	6	—	C	
28F/9533	AGS1145/B	Union, cone, $\frac{1}{4}$ " BSP. at service panel ... ..	1	—	C	
28F/10486	AGS1145/C	Union, cone, $\frac{1}{4}$ " BSP. in fuselage ... ..	3	—	C	
27VA/3877	DUNLOP ACM16330	Valve, pressure reducing, on front spar, outer mainplane (Pre-Mod. 808)	2	—	A	
	DUNLOP ACM20156	Valve, pressure reducing (Mod. 808) ... ..	2	—		
	HYMATIC B.30778	Valve, P.R.2 stage, at rib 37 ... ..	2	—		
27VA/4956	DUNLOP ACM17836	Valve, non-return, on front spar, outer main- plane	2	—	A	
3304	AMAL. LTD. 252/5	Valve, non-return at rib 37 ... ..	4	—	A	
6D/427	—	Valve, non-return, forward of former " D " port	1	—	B	
28Y/15464	A58 SAUNDERS 903/AA/01/L	Valve, test and charging ... ..	5	—	B	
		Valve, " on-off " c/w handle, at service panel (Pre-Mod. 614)	1	—		
27VA/4945	DUNLOP ACM18008	Valve, electromatic, twin, in outer mainplane	2	—	A	

SHACKLETON Mk. 3

SERVICES  
HYDRAULIC

Ref. No.	Part No.	1 2 3 4				Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
									M.R.	
<b>HYDRAULIC SERVICE ASSEMBLIES</b>										
Spares for :—										
<b>HYDRAULIC SYSTEM, BOMB DOORS</b>										
<b>(Q1911) (Q1950) (Q1952) (Q1953)</b>										
13391	1/SS3555					Adaptor, pipe at pressure release plug at bulkhead " B "	1	—	C	
2721	2/SS3859					Clip, pipe, 1/4", at bulkhead " B " ... ..	2	—	C	
1744	1/SS3554					Cross-piece, 3/8" x 3/8" x 3/8" x 1/8" ... ..	1	—	C	
	DOWTY									
27Q/1477	A8274Y Mk. A					Jack, bomb door, aft, LH. (Pre-Mod. 901)	1	—	A	
	DOWTY									
27Q/1478	A8274Y Mk. B					Jack, bomb door, aft, RH. (Pre-Mod. 901)	1	—	A	
	DOWTY									
27Q/1623	A8274Y Mk. C					Jack, bomb door, fwd., RH. (Pre-Mod. 901)	1	—	A	
	DOWTY									
27Q/1624	A8274Y Mk. D					Jack, bomb door, fwd., LH. (Pre-Mod. 901)	1	—	A	
	DOWTY									
27Q/1318	A8206Y Mk.B					Jack, bomb door, at bulkhead " 22 ", RH. (alternative)	1	—	A	
	DOWTY									
27Q/70278	1.00535.003					Jack, bomb door, forward, RH. (Mod. 901)	1	—	A	
27Q/70279	1.00535.004					Jack, bomb door, forward, LH. (Mod. 901)	1	—	A	
27Q/70277	1.00535.002					Jack, bomb door, aft, RH. (Mod. 901) ...	1	—	A	
27Q/70276	1.00535.001					Jack, bomb door, aft, LH. (Mod. 901) ...	1	—	A	
11272	29/Q1911					<b>MANIFOLD BLOCK, AT BULKHEAD " B ", GROUP</b>	1	—	C	
						Consisting of :—				
28F/9708	AGS1104/B					Adaptor, 1/2" o/d ... ..	1	—	C	
28F/9140971	AGS1104/C					Adaptor, 3/8" BSP. ... ..	2	—	C	
28F/9439104	AGS1105/C					Adaptor, 3/8" ... ..	4	—	C	
	29a/Q1911					Block, manifold ... ..	1	DTD364B		
28N/9128965	AGS596/B					Cap, dust ... ..	1	—	C	
28N/9143884	AGS596/C					Cap, dust ... ..	2	—	C	
28N/1011742	AGS597/C					Cap, dust ... ..	4	—	C	
28F/9428453	AGS1186/B					Seal, bonded ... ..	1	—	C	
28F/9429532	AGS1186/C					Seal, bonded, 3/8" BSP. ... ..	6	—	C	
	29b/Q1911					Wire, locking ... ..	QR	—		
11273	30/Q1911					<b>MANIFOLD BLOCK, AT BULKHEAD " 22 ", GROUP</b>	1	—	C	
						Consisting of :—				
28F/9140971	AGS1104/C					Adaptor, 3/8" BSP. ... ..	2	—	C	
	30a/Q1911					Block, manifold ... ..	1	DTD364B		
28F/9423239	AGS1132/C					Body, banjo ... ..	4	—	C	
28F/9423229	AGS1135/C					Bolt, banjo ... ..	4	—	C	
28N/9143884	AGS596/C					Cap, dust ... ..	2	—	C	
28N/1011742	AGS597/C					Cap, dust ... ..	4	—	C	
28F/9429532	AGS1186/C					Seal, bonded, 3/8" BSP. ... ..	10	—	C	
	30b/Q1911					Wire, locking ... ..	QR	—		

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**SERVICES**  
**HYDRAULIC**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.	
					St. M.R.		
		1 2 3 4					
		<b>HYDRAULIC SYSTEM, BOMB DOORS</b> <b>(Q1911) (Q1950) (Q1952) (Q1953) (Cont'd)</b>					
	34/Q1911	<b>MANIFOLD BLOCK, IN VENT PIPE CENTRE SECTION, GROUP</b>	1	—			
		Consisting of:—					
28F/9140971	AGS1104/C	Adaptor, $\frac{3}{8}$ " BSP. ... ..	2	—	C		
	34a/Q1911	Block, manifold ... ..	1	DTD423			
28F/9423229	AGS1135/C	Bolt, banjo, $\frac{3}{8}$ " BSP. ... ..	1	—	C		
28D/1010658	A25/1B	Bolt, 4 BA. ... ..	2	—	C		
28F/10799	AGS1129/C	Coupling, banjo, $\frac{3}{8}$ " BSP. ... ..	1	—	C		
28R/7966	AGS948/C	Plug, $\frac{3}{8}$ " BSP. ... ..	1	—	C		
28W/9416642	SP47/B	Washer ... ..	2	—	C		
28F/9429532	AGS1186/C	Washer ... ..	5	—	C		
27VA/6203	6/W14/262/8/8/14	Pipe, flexible, to jack, bomb door (Mod. 951)	4	—			
27VA/6204	6/W14/262/8/8/17	Pipe, flexible, to jack, bomb door (Mod. 951)	4	—			
14577	2/Q1911	<b>PIPE, BOMB DOOR CLOSED, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AT FORMER 6, FRONT CENTRE PORTION FUSELAGE, <math>\frac{3}{8}</math>" o/d x 22G x 8' 6" LONG, GROUP</b>	1	DTD323A	C		
14578	3/Q1911	<b>PIPE, BOMB DOOR OPEN, FROM ADAPTOR IN HEATER BAY TO ADAPTOR, AFT OF FORMER 5, FRONT CENTRE PORTION FUSELAGE, <math>\frac{3}{8}</math>" o/d x 22G x 9' 6" LONG, GROUP</b>	1	DTD323A	C		
14579	6/Q1911	<b>PIPE, BOMB DOOR CLOSED, FROM TEE-PIECE SHUTTLE VALVE CONNECTION TO UNION, FORWARD OF FRONT SPAR, CENTRE PORTION FUSELAGE, <math>\frac{3}{8}</math>" o/d x 22G x 5' 5" LONG, GROUP</b>	1	DTD323A	C		
14580	7/Q1911	<b>PIPE, BOMB DOOR OPEN, FROM TEE-PIECE SHUTTLE VALVE CONNECTION TO UNION, FORWARD OF FRONT SPAR, CENTRE PORTION FUSELAGE, <math>\frac{3}{8}</math>" o/d x 22G x 7' 0" LONG, GROUP</b>	1	DTD323A	C		
14581	8/Q1911	<b>PIPE, BOMB DOOR CLOSED, FROM TEE-PIECE SHUTTLE VALVE CONNECTION TO UNION, AFT OF REAR SPAR, <math>\frac{3}{8}</math>" o/d x 22G x 4' 7" LONG, GROUP</b>	1	DTD323A	C		
14582	9/Q1911	<b>PIPE, BOMB DOOR OPEN, FROM TEE-PIECE SHUTTLE VALVE CONNECTION TO UNION, AFT OF REAR SPAR, <math>\frac{3}{8}</math>" o/d x 22G x 3' 0" LONG, GROUP</b>	1	DTD323A	C		
14583	10/Q1911	<b>PIPE, BOMB DOOR OPEN, FROM JETTISON VALVE TO SHUTTLE VALVE, CENTRE PORTION FUSELAGE, <math>\frac{3}{8}</math>" o/d x 22G x 2' 4" LONG, GROUP</b>	1	DTD323A	C		

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**SERVICES**  
**HYDRAULIC**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, BOMB DOORS (Q1911) (Q1950) (Q1952) (Q1953) (Cont'd)</b>							
14584	13/Q1911	PIPE, BOMB DOOR, RETURN FROM CONTROL VALVE TO MANIFOLD, CENTRE PORTION FUSELAGE, $\frac{3}{16}$ " o/d x 22G x 8" LONG, GROUP				1	DTD323A	C	
14585	14/Q1911	PIPE, BOMB DOOR, FROM CONTROL VALVE TO JETTISON VALVE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 1' 2" LONG, GROUP				1	DTD323A	C	
14586	15/Q1911	PIPE, BOMB DOOR, FROM SHUT-OFF VALVE TO JETTISON VALVE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 9" LONG, GROUP				1	DTD323A	C	
14587	17/Q1911	PIPE, BOMB DOOR CLOSED, FROM SHUTTLE VALVE TO JETTISON VALVE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 1' 9" LONG, GROUP				1	DTD323A	C	
14588	18/Q1911	PIPE, BOMB DOOR CLOSED, FROM SHUTTLE VALVE TO TEE-PIECE IN BOMB DOOR CLOSED PIPE-LINE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 2' 9" LONG, GROUP				1	DTD323A	C	
14589	20/Q1911	PIPE, BOMB DOOR OPEN, FROM SHUTTLE VALVE TO TEE-PIECE IN BOMB DOOR OPEN PIPE-LINE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 1' 8" LONG, GROUP				1	DTD323A	C	
	21/Q1911	PIPE, BOMB DOOR CLOSED, FROM ADAPTOR TO MANIFOLD BOMB DOOR JACK PORT, REAR CENTRE PORTION FUSELAGE, BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 13' 4" LONG, GROUP				1	DTD323A		
14590	22/Q1911	PIPE, BOMB DOOR OPEN, FROM ADAPTOR TO MANIFOLD BOMB DOOR JACK PORT, REAR CENTRE PORTION FUSELAGE, BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 12' 8" LONG, GROUP				1	DTD323A	C	
14591	25/Q1911	PIPE, BOMB DOOR, PRESSURE RELEASE, FROM MANIFOLD TO ADAPTOR IN PRESSURE RELEASE PIPE-LINE, BULKHEAD "B", $\frac{1}{4}$ " o/d x 22G x 4' 3" LONG, GROUP				1	DTD323A	C	

**SERVICES**  
**HYDRAULIC**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St.	
		1 2 3 4			M.R.	
		<b>HYDRAULIC SYSTEM, BOMB DOORS (Q1911) (Q1950) (Q1952) (Q1953) (Cont'd)</b>				
14592	38/Q1911	PIPE, BOMB DOOR, PRESSURE RELEASE, FROM ADAPTOR TO PRESSURE RELEASE PLUG AT BULK-HEAD " B ", $\frac{1}{2}$ " o/d x 22G x 1' 11" LONG, GROUP	1	DTD323A	C	
	39/Q1911	PIPE, BOMB DOOR, RETURN FROM CONTROL VALVE TO MANIFOLD, IN CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 9" LONG, GROUP	1	DTD323A		
11299	40/Q1911	PIPE, BOMB DOOR, FROM JETTISON VALVE TO MANIFOLD, IN VENT PIPE-LINE, $\frac{3}{8}$ " o/d x 22G x 1' 6" LONG, GROUP	1	DTD323A	C	
	41/Q1911	PIPE, BOMB DOOR, FROM JETTISON VALVE TO MANIFOLD, IN VENT PIPE LINE, IN CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 8" LONG, GROUP	1	DTD323A		
11301	42/Q1911	PIPE, BOMB DOOR, FROM MANIFOLD TO TEE-PIECE AT FLAP-JACK VENT CONNECTION, $\frac{3}{8}$ " o/d x 22G x 5' 1" LONG, GROUP	1	DTD323A	C	
	43/Q1911	PIPE, BOMB DOOR, VENT TO ATMOSPHERE, FROM TEE-PIECE FLAP JACK VENT TO ADAPTOR IN VENT PIPE LINE, REAR CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 10' 0" LONG, GROUP	1	DTD323A		
	44/Q1911	PIPE, BOMB DOOR, VENT TO ATMOSPHERE, FROM TEE-PIECE SCANNER VENT, TO ADAPTOR IN VENT TO ATMOSPHERE PIPE-LINE, REAR CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 4' 5" LONG, GROUP	1	DTD323A		
	45/Q1911	PIPE, BOMB DOOR, VENT TO ATMOSPHERE, FROM TEE-PIECE SCANNER VENT CONNECTION TO UNION IN VENT PIPE LINE, REAR CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 4' 7" LONG, GROUP	1	DTD323A		
14593	46/Q1911	PIPE, BOMB DOOR, FROM UNION IN VENT PIPE-LINE, TO VENT TO ATMOSPHERE, REAR CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 6' 7" LONG, GROUP	1	DTD323A	C	

SHACKLETON Mk. 3

SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, BOMB DOORS (Q1911) (Q1950) (Q1952) (Q1953) (Cont'd)</b>							
14594	146/Q1911	PIPE, BOMB DOOR, FROM SHUT-OFF VALVE TO CONTROL VALVE, IN CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 18' LONG, GROUP				1	DTD323A	C	
14595	147/Q1911	PIPE, BOMB DOOR, FROM SHUT-OFF VALVE TO JETTISON VALVE, CENTRE PORTION FUSELAGE, $\frac{3}{8}$ " o/d x 22G x 1' 1" LONG, GROUP				1	DTD323A	C	
1738	2/Q1399	Plug, pressure release ... ..				1	—	C	
27Q/1268	DOWTY C305-Y-Mk.G	Valve, jettison, centre section ... ..				1	—	B	
27Q/1267	DOWTY C305-Y-Mk.F	Valve, jettison, centre section ... ..				1	—	B	
27Q/1269	DOWTY C1887-Y-Mk.A	Valve, shuttle, centre section ... ..				1	—	B	
27Q/1270	DOWTY C2898-Y-Mk.A	Valve, shuttle, centre section ... ..				1	—	B	
27Q/1319	DOWTY C6725-Y-Mk.J	Valve, control, centre section ... ..				1	—	A	
	DUNLOP AS4549	Valve, thermal relief, centre section ... ..				1	—		
	DUNLOP AS3382	Valve, non-return, centre section ... ..				1	—		

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	

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SERVICES  
HYDRAULIC.

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC BRAKES SYSTEM (Q1915)</b> (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045)							
		Spares for :—							
9483	1/SS4295	Adaptor, flanged, $\frac{3}{8}$ " BSP.	...	...	4	—	C		
9484	2/SS4295	Adaptor, flanged, $\frac{1}{2}$ " BSP.	...	...	4	—	C		
28F/10785	AGS1145/A	Adaptor	...	...	6	—	C		
28F/9533	AGS1145/B	Adaptor	...	...	4	—	C		
28F/9703	AGS1102/A	Coupling, $\frac{1}{8}$ " BSP.	...	...	10	—	C		
28F/9704	AGS1102/B	Coupling	...	...	8	—	C		
	22/SS3554	Cross-piece, $\frac{1}{4}$ " x $\frac{1}{4}$ " x $\frac{1}{2}$ " x $\frac{1}{8}$ " BSP.	...	...	1	—			
6A/2691	—	Gauge, pressure, 0-3000 lbs.	...	...	4	—	A		
	57/Q1915	<b>MANIFOLD, PORT, GROUP</b>				1	—		
	58/Q1915	<b>MANIFOLD, STARBOARD, GROUP</b>				1	—		
		Consisting of :—							
	57a/Q1915	Body, manifold, port	...	...	1	L65			
	58a/Q1915	Body, manifold, starboard	...	...	1	L65			
28F/9428452	AGS1186/A	Seal	...	...	4	—	C		
28F/9838	AGS1104/A	Union, $\frac{1}{8}$ " BSP.	...	...	3	—	C		
28F/9439106	AGS1105/A	Union, $\frac{1}{8}$ " BSP.	...	...	1	—	C		
10900	100/Q1915	<b>MANIFOLD, GROUP</b>				2	—	C	
10901	101/Q1919	<b>MANIFOLD, GROUP</b>				2	—	C	
		Consisting of :—							
	100a/Q1915	Body, manifold	...	...	1	—			
	101a/Q1915	Body, manifold	...	...	1	—			
28F/9428452	AGS1186/A	Seal	...	...	2	—	C		
28F/9838	AGS1104/A	Union, $\frac{1}{8}$ " BSP.	...	...	1	—	C		
28F/9439106	AGS1105/A	Union, $\frac{1}{8}$ " BSP.	...	...	1	—	C		
	102/Q1915	<b>MANIFOLD, PORT, GROUP</b>				1	—		
	103/Q1915	<b>MANIFOLD, STARBOARD, GROUP</b>				1	—		
		Consisting of :—							
	100a/Q1915	Body, manifold, port	...	...	1	—			
	101a/Q1915	Body, manifold, starboard	...	...	1	—			
28F/10797	AGS1129/A	Banjo, body	...	...	1	—	C		
28F/9423226	AGS1135/A	Bolt, banjo	...	...	1	—	C		
28F/9428452	AGS1186/A	Seal	...	...	3	—	C		
28F/9439106	AGS1105/A	Union, $\frac{1}{8}$ " BSP.	...	...	1	—	C		
27VA/5165	DUNLOP AC13812	<b>Motor, foot</b>				4	—	A	
	21Q1984	<b>PANEL, BRAKE, IN NOSEWHEEL BAY, GROUP</b>				1	—		
		Spares for :—							
27VA/4959	DUNLOP AC14058	Accumulator	...	...	2	—			
9259	3Q1984	<b>BLOCK, FEED, GROUP (Pre-Mod. 786)</b>				1	—		
		Spares for :—							
	DUNLOP AS3376	Valve, non return	...	...	2	—			
9464	10Q1984	<b>BLOCK, RETURN, GROUP</b>				1	—	C	
12612	22Q1984	<b>BLOCK, FEED, GROUP (Mod. 786)</b>				1	—	C	

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SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PANEL, BRAKE, IN NOSEWHEEL BAY (21Q1984) (Cont'd)</b>							
	1Z9851	PANEL, GROUP (Mod. 786) ...							
	1Z8035	PANEL, GROUP (Pre-Mod. 786) ...				1	—		
13081	1SS1945	Spares for:— Adjuster... ..				4	S2	C	
	9Z8035	STRAP, GROUP ... ..				4	—		
12613	120Q1915	PIPE, 1/2" o/d x 22G x 13", REDUCING VALVE TO TEE, GROUP (Mod. 786)				1	DTD323A	C	
12615	122Q1915	PIPE, 1/2" o/d x 22G x 15", TEE TO FEED BLOCK, GROUP (Mod. 786)				1	DTD323A	C	
12617	124Q1915	PIPE, 1/2" o/d x 22G x 9", TEE TO FEED BLOCK, GROUP (Mod. 786)				1	DTD323A	C	
12616	121Q1915	PIPE, 1/2" o/d x 22G, 4-WAY PIECE TO N.R.V., GROUP (Mod. 786)				1	DTD323A	C	
12614	123Q1915	PIPE, 1/2" o/d x 22G, 4-WAY PIECE TO TEE PIECE, GROUP (Mod. 786)				1	DTD323A	C	
14605	12Q1915	PIPE, 1/2" o/d x 22G x 13", CONTROL VALVE TO P.R.V., GROUP				1	DTD323A	C	
14606	13Q1915	PIPE, 1/2" o/d x 22G x 12", CONTROL VALVE TO P.R.V., GROUP				1	DTD323A	C	
	69Q1915	PIPE, 1/2" o/d x 22G x 13", P.R.V. TO TEE-PIECE, GROUP (Pre-Mod. 786)				1	DTD323A		
14619	73Q1915	PIPE, 1/2" o/d x 22G x 41", REDUCING VALVE TO TEE-PIECE, GROUP				1	DTD323A	C	
	75Q1915	PIPE, 1/2" o/d x 22G x 15", TEE-PIECE TO FEED BLOCK, GROUP (Pre-Mod. 786)				1	DTD323A		
	76Q1915	PIPE, 1/2" o/d x 22G x 9", TEE-PIECE TO FEED BLOCK, GROUP (Pre-Mod. 786)				1	DTD323A		
14620	77Q1915	PIPE, 1/2" o/d x 22G x 5", TEE-PIECE TO ACCUMULATOR, GROUP				2	DTD323A	C	
	116Q1915	PIPE, 3/8" o/d x 22G x 24", CONTROL VALVE TO RETURN BLOCK, GROUP				1	L56		
	117Q1915	PIPE, 1/4" o/d x 22G x 10", P.R.V. TO RETURN BLOCK, GROUP				1	L56		
	119Q1915	PIPE, 1/4" o/d x 22G x 23", P.R.V. TO RETURN BLOCK, GROUP				1	L56		
1837	64SS3554	Tee-piece ... ..				2	L65	C	
27G/2789	DUNLOP AC14528	Valve, control (Mod. 727) ... ..				1	—	A	

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**HYDRAULIC**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>PANEL, BRAKE, IN NOSEWHEEL BAY (1Q1984) (Cont'd)</b>							
27VA/4931	DUNLOP AC.12708				Valve, pressure reducing ... ..	1	—	A	
		<b>VALVE, REDUCING (17Q1984)</b> Spares for :—							
14715	15Q1984				Bush, cable guide ... ..	1	S96		
12551	18Q1984				<b>CABLE, GROUP</b> ... ..	1	—	C	
		Consisting of :—							
	19Q1984				Cable, (Bowden 19/2) ... ..	1	—		
	30R4002				Cable-end ... ..	1	—		
	DUNLOP AC.O.3087				Nipple ... ..	1	—		
27VA/5004	DUNLOP AC12710				Valve, reducing ... ..	1	—	A	
11152	118/Q1915				<b>PIPE, BRAKES, U/C LEG, BRAKES RETURN, TO CROSS-PIECE, BETWEEN FRONT AND REAR SPARS, 1/2" o/d x 22G x 6' 0" LONG, GROUP</b>	2	DTD323A	C	
14609	40/Q1915				<b>PIPE, BRAKES, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO UNION, IN No. 2 EMERGENCY PIPE, STARBOARD, 1/2" o/d x 22G x 6' 8" LONG, GROUP</b>	1	DTD323A	C	
14610	41/Q1915				<b>PIPE, BRAKES, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO UNION, IN No. 1 SERVICE PIPE, STARBOARD, 1/2" o/d x 22G x 8' 0" LONG, GROUP</b>	1	DTD323A	C	
14611	42/Q1915				<b>PIPE, BRAKES, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO UNION, IN No. 2 EMERGENCY PIPE, ALONG FRONT SPAR, PORT, 1/2" o/d x 22G x 7' 0" LONG, GROUP</b>	1	DTD323A	C	
14612	43/Q1915				<b>PIPE, BRAKES, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO UNION, IN No. 1 SERVICE PIPE, 1/2" o/d x 22G x 7' 4" LONG, GROUP</b>	1	DTD323A	C	
14613	44/Q1915				<b>PIPE, BRAKES, FROM MANIFOLD, FRONT SPAR TO FLANGED ADAPTOR AT FUSELAGE SIDE, IN No. 1 SERVICE PIPE, PORT, 1/2" o/d x 22G x 8' 9" LONG, GROUP</b>	1	DTD323A	C	
14614	45/Q1915				<b>PIPE, BRAKES, FROM MANIFOLD AT FRONT SPAR TO FLANGED ADAPTOR AT FUSELAGE SIDE, IN No. 2 EMERGENCY PIPE, PORT, 1/2" o/d x 22G x 8' 6" LONG, GROUP</b>	1	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HYDRAULIC BRAKES SYSTEM (Q1915) (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045) (Cont'd)</b>							
10054	46/Q1915	PIPE, BRAKES, FROM FLANGED ADAPTOR TO GAUGE PRESSURE RELAY, ENGINEER'S PANEL, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 6" LONG, GROUP				1	DTD323A	C	
10055	47/Q1915	PIPE, BRAKES, FROM FLANGED ADAPTOR IN FLOOR TO GAUGE PRESSURE RELAY, ENGINEER'S PANEL IN NOSE WHEEL BAY, $\frac{3}{16}$ " o/d x 22G x 6" LONG, GROUP				1	DTD323A	C	
14615	53/Q1915	PIPE, BRAKES, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AFT OF FORMER 5, IN No. 2 EMERGENCY PIPE, BELOW FLOOR FRONT CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 10' 11" LONG, GROUP				1	DTD323A	C	
14616	54/Q1915	PIPE, BRAKES, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AT FORMER 6 IN No. 2 EMERGENCY PIPE, BELOW FLOOR FRONT CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 11' 4" LONG, GROUP				1	DTD323A	C	
14617	55/Q1915	PIPE, BRAKES, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AFT OF FORMER 5 IN No. 1 SERVICE PIPE, BELOW FLOOR FRONT CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 9' 10" LONG, GROUP				1	DTD323A	C	
14618	56/Q1915	PIPE, BRAKES, FROM ADAPTOR IN HEATER BAY TO ADAPTOR FORWARD OF FORMER 5 IN No. 1 SERVICE PIPE, BELOW FLOOR IN FRONT CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 9' 10" LONG, GROUP				1	DTD323A	C	
9544	59/Q1915	PIPE, BRAKES, FROM COUPLING TO COUPLING IN PIPE LINE TO GAUGES ON ENGINEER'S PANEL IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
10480	61/Q1915	PIPE, BRAKES, FROM CONTROL VALVE TO ADAPTOR IN No. 1 SERVICE PIPE-LINE, IN NOSE WHEEL BAY, PORT, $\frac{1}{4}$ " o/d x 22G x 7' 0" LONG, GROUP				1	DTD323A	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC BRAKES SYSTEM (Q1915) (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045) (Cont'd)</b>							
10481	62/Q1915	PIPE, BRAKES, CONTROL VALVE TO ADAPTOR IN No. 1 SERVICE PIPE-LINE, IN NOSE WHEEL BAY, PORT, $\frac{1}{4}$ " o/d x 22G x 7' 4" LONG, GROUP				1	DTD323A	C	
9546	63/Q1915	PIPE, BRAKES, FROM CONTROL VALVE TO ADAPTOR IN No. 2 EMERGENCY PIPE-LINE, IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 7' 2" LONG, GROUP				1	DTD323A	C	
10550	28Q1915	PIPE, $\frac{1}{4}$ " o/d x 22G x 20", TEST POINT TO BRAKE SWIVEL BETWEEN FRONT AND REAR SPARS, GROUP				2	DTD323A	C	
9548	66/Q1915	PIPE, BRAKES, FROM UNION TO UNION IN PIPE-LINE TO GAUGES ON ENGINEER'S PANEL, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 1' 10" LONG, GROUP				1	DTD323A	C	
14607	31Q1915	PIPE, $\frac{1}{4}$ " o/d x 22G x 88", ADAPTOR TO MANIFOLD, STARBOARD, GROUP				1	DTD323A		
10485	70/Q1915	PIPE, BRAKES, FROM ACCUMULATOR TO MANIFOLD IN NOSE WHEEL BAY, PORT, $\frac{1}{4}$ " o/d x 22G x 2' 10" LONG, GROUP				1	DTD323A	C	
10486	71/Q1915	PIPE, BRAKES, FROM ACCUMULATOR TO MANIFOLD IN NOSE WHEEL BAY, PORT, $\frac{1}{4}$ " o/d x 22G x 2' 4" LONG, GROUP				1	DTD323A	C	
10568	72/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FRONT SPAR TO UNION IN No. 2 EMERGENCY PIPE-LINE, BETWEEN FRONT AND REAR SPAR, CENTRE PORTION FUSELAGE, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 6' 11" LONG, GROUP				1	DTD323A	C	
14608	32Q1915	PIPE, $\frac{1}{4}$ " o/d x 22G x 94", ADAPTOR TO MANIFOLD, STARBOARD, GROUP				1	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
		<b>HYDRAULIC BRAKES SYSTEM (Q1915) (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045) (Cont'd)</b>				
10478	23Q1915	PIPE, $\frac{3}{8}$ " o/d x 22G x 12", GAUGE TO CHARGING VALVE, PORT, GROUP	1	DTD323A	C	
10479	24Q1915	PIPE, $\frac{3}{8}$ " o/d x 22G x 11", GAUGE TO CHARGING VALVE, PORT, GROUP	1	DTD323A	C	
10549	27Q1915	PIPE, $\frac{1}{2}$ " o/d x 22G x 1' 8", TEST POINT TO BRAKE SWIVELS BETWEEN FRONT AND REAR SPARES, GROUP	2	DTD323A	C	
10099	78/Q1915	PANEL, BRAKES, FROM CROSS-PIECE AT ACCUMULATOR TO UNION, IN PIPE TO GAUGES ON ENGINEER'S PANEL IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 4' 1' LONG, GROUP	1	DTD323A	C	
10100	79/Q1915	PIPE, BRAKES, FROM CROSS-PIECE AT ACCUMULATOR TO UNION IN PIPE TO GAUGES ON ENGINEER'S PANEL, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 4' 6" LONG, GROUP	1	DTD323A	C	
10567	80/Q1915	PIPE, BRAKES, FROM MANIFOLD FRONT SPAR, TO UNION IN No. 2 EMERGENCY PIPE, BETWEEN FRONT AND REAR SPAR, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 6' 3" LONG, GROUP	1	DTD323A	C	
14621	81/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FLEX. TO FOOT MOTOR, PORT SIDE, TO ADAPTOR, UNDER 1st PILOT'S FLOOR IN NOSE $\frac{3}{8}$ " o/d x 22G x 4' 10" LONG, GROUP	1	DTD323A	C	
14622	82/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FLEX. TO FOOT MOTOR, PORT SIDE, TO ADAPTOR, UNDER 1st PILOT'S FLOOR IN NOSE, $\frac{3}{8}$ " o/d x 22G x 5' 7" LONG, GROUP	1	DTD323A	C	
14623	83/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FLEX. TO FOOT MOTOR, STARBOARD SIDE, TO ADAPTOR, UNDER 2nd PILOT'S FLOOR, IN NOSE, STARBOARD SIDE, $\frac{3}{8}$ " o/d x 22G x 5' 7" LONG, GROUP	1	DTD323A	C	

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**SERVICES**  
**HYDRAULIC**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HYDRAULIC BRAKES SYSTEM (Q1915) (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045) (Cont'd)</b>							
10482	84/Q1915	PIPE, BRAKES, FROM CONTROL VALVE PORT SIDE, 1st PILOT TO FLANGED ADAPTOR, IN FLOOR, NOSE WHEEL BAY, $\frac{1}{8}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
14624	87/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FLEX TO FOOT MOTOR, STARBOARD SIDE TO ADAPTOR UNDER 2nd PILOT'S FLOOR IN NOSE, $\frac{3}{8}$ " o/d x 22G x 5' 8" LONG, GROUP				1	DTD323A	C	
10902	95/Q1915	PIPE, BRAKES, FROM FOOT MOTOR TO MANIFOLD AT FLEX. CONNECTION, IN NOSE, $\frac{1}{8}$ " o/d x 22G x 2' 1" LONG, GROUP				2	DTD323A	C	
10903	96/Q1915	PIPE, BRAKES, FROM FOOT MOTOR TO MANIFOLD AT FLEX. CONNECTION, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 2' 0" LONG, GROUP				2	DTD323A	C	
10052	104/Q1915	PIPE, BRAKES, FROM PRESSURE RELAY, TO UNION IN PIPE TO GAUGES AT ENGINEER'S PANEL, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, GROUP				1	DTD323A	C	
10053	105/Q1915	PIPE, BRAKES, FROM PRESSURE RELAY TO UNION IN PIPE TO GAUGES AT ENGINEER'S PANEL IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 8" LONG, GROUP				1	DTD323A	C	
10547	106/Q1915	PIPE, BRAKES, FROM TEST VALVE TO UNION IN No. 1 SERVICE PIPE BETWEEN FRONT AND REAR SPAR CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 6' 0" LONG, GROUP				2	DTD323A	C	
10548	107/Q1915	PIPE, BRAKES, FROM TEST VALVE TO UNION IN No. 2 EMERGENCY PIPE BETWEEN FRONT AND REAR SPAR CENTRE PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 6' 8" LONG, GROUP				2	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
		<b>HYDRAULIC BRAKES SYSTEM (Q1915) (Q1935) (Q1936) (Q1942) (Q1949) (Q1950) (Q1951) (Q2038) (Q2045) (Cont'd)</b>				
10532	108/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FRONT SPAR, TO UNION IN No. 1 SERVICE PIPE, BETWEEN FRONT AND REAR SPAR CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 8' 6" LONG, GROUP	1	DTD323A	C	
10531	109/Q1915	PIPE, BRAKES, FROM MANIFOLD AT FRONT SPAR, TO UNION IN No. 2 EMERGENCY PIPE, BETWEEN FRONT AND REAR SPAR CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 7' 9" LONG, GROUP	1	DTD323A	C	
14627	110/Q1915	PIPE, BRAKES, FROM FLANGED ADAPTOR AT FLOOR TO GAUGES AT ENGINEER'S PANEL, $\frac{3}{8}$ " o/d x 22G x 4' 3" LONG, GROUP	1	DTD323A	C	
14628	111/Q1915	PIPE, BRAKES, FROM FLANGED ADAPTOR AT FLOOR TO GAUGES AT ENGINEER'S PANEL, $\frac{3}{8}$ " o/d x 22G x 4' 5" LONG, GROUP	1	DTD323A	C	
10483	112/Q1915	PIPE, BRAKES, CHARGING VALVE TO MANIFOLD, PIPING SERVICES PANEL IN NOSE WHEEL BAY, PORT, $\frac{1}{2}$ " o/d x 22G x 7" LONG, GROUP	1	DTD323A	C	
10484	113/Q1915	PIPE, BRAKES, FROM CHARGING VALVE TO MANIFOLD, PIPING SERVICES PANEL, IN NOSE WHEEL BAY PORT, $\frac{1}{2}$ " o/d x 22G x 7" LONG, GROUP	1	DTD323A	C	
14629	114/Q1915	PIPE, BRAKES, FROM MANIFOLD TO FLEX. CONNECTION FOR FOOT MOTOR, PORT, IN FUSELAGE NOSE, $\frac{3}{16}$ " o/d x 22G x 9" LONG, GROUP	1	DTD323A	C	
14630	115/Q1915	PIPE, BRAKES, FROM MANIFOLD TO FLEX. CONNECTION FOR FOOT MOTOR, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 9" LONG, GROUP	1	DTD323A	C	
10477	7Q1915	PIPE, $\frac{3}{16}$ " o/d x 22G, CONTROL VALVE TO ADAPTOR, STARBOARD, GROUP	1	DTD323A	C	
9542	5Q1915	PIPE, $\frac{3}{16}$ " o/d x 22G x 37", CONTROL VALVE TO ADAPTOR, PORT, GROUP	1	DTD323A	C	

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SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC BRAKES SYSTEM (Q1915)</b> <b>(Q1935) (Q1936) (Q1942) (Q1949) (Q1950)</b> <b>(Q1951) (Q2038) (Q2045) (Cont'd)</b>							
	DUNLOP AHO.30411/11	Pipe, flexible, 11" long ... ..				1	—		
	DUNLOP AHO.30411/14	Pipe, flexible, 14" long ... ..				1	—		
9541	2Q1915	<b>PIPE, <math>\frac{3}{16}</math>" o/d x 22G x 27", CONTROL VALVE TO FLANGED ADAPTOR, GROUP</b>				1	DTD323A	C	
27VA/2958	DUNLOP ACM15698	Relay, pressure, piping to gauges on Engineer's panel				2	—	A	
1837	65/SS3557	Tee-piece ... ..				2	—	C	
28F/10610	AGS1118/B	Tee-piece ... ..				1	—	C	
28F/10020	AGS1120/1	Tee-piece ... ..					—	C	
	DUNLOP AS3376	Valve, non-return ... ..				2	—		
28Y/15486	A58Mk.2	Valve, charging ... ..				6	—	C	

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Ref. No.	Part No.					Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4				M.R.	

SERVICES

HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — I.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956)</b>							
	2/SS4295	Spares for :— <b>Adaptor, flanged, 1/4" B.S.P., at former " F " for windscreen wiper, and jet-tison scanner pipes</b>				3	—		
	6/SS4295	<b>Adaptor, flanged, at fuselage side centre portion for return and delivery pipes</b>				4	—		
	17/SS3555	<b>Adaptor, flanged, for scanner jack pipes ...</b>				2	—		
28F/11268	AGS1111/B	<b>Adaptor, flanged ... ..</b>				2	—	C	
28F/11273	AGS1113/B	<b>Adaptor, bulkhead 1/4" B.S.P ... ..</b>				1	—	C	
28F/10486	AGS1145/C	<b>Adaptor, 3/8" ... ..</b>				4	—	C	
28F/9736	AGS1145/D	<b>Adaptor, 1/2" ... ..</b>				2	—	C	
	1/Q1977	<b>Block, junction, at front spar port ...</b>				1	—		
	1/Q1978	<b>Block, junction, at front spar, starboard ...</b>				1	—		
	40/SS3554	<b>Cross-piece, 1/2" x 1/2" x 1/8" x 1/8" for under-carriage door, return pipes</b>				2	—		
27M/8750	AVERY AVA55C	<b>Coupling, 3/8" B.S.P L.P. centrifuge pipe i/b and o/b nacelle starboard</b>				2	—	C	
27M/8752	AVERY AVA55F	<b>Coupling, 3/8" B.S.P. L.P. suction pipe i/b and o/b nacelle starboard</b>				2	—	C	
27M/8900	AVERY AVA58D	<b>Coupling, 1/2" B.S.P. H.P. delivery pipe i/b and o/b nacelle starboard</b>				2	—	C	
	AVERY AVA64C	<b>Cap, blanking, 3/8" B.S.P. centrifuge pipe i/b and o/b nacelle starboard</b>				2	—		
	AVERY AVA64D	<b>Cap, blanking, 1/2" B.S.P. delivery pipe i/b and o/b nacelle starboard</b>				2	—		
	AVERY AVA64F	<b>Cap, blanking 3/8" B.S.P. suction pipe i/b and o/b nacelle starboard</b>				2	—		
28F/10380	AGS1167/F	<b>Elbow, 3/4" ... ..</b>				2	—	C	
27Q/1271	DOWTY C5655Y	<b>Filter, at front spar inboard and outboard nacelle</b>				2	—	B	
26EA/50677	6/SS3742	<b>Joint, flexible pipe at reservoir ... ..</b>				2	—	C	
27Q/1481	DOWTY A8272Y	<b>Jack, flap ... ..</b>				1	—	A	
27Q/589	DOWTY A469Y	<b>Jack, flap (alternative) ... ..</b>				1	—	A	
27Q/1484	DOWTY E8275.Y.MKA	<b>Jack, scanner port ... ..</b>				1	—	A	
27Q/1485	DOWTY E8275.Y.MKB	<b>Jack, scanner, starboard ... ..</b>				1	—	A	
9260	140/Q1910	<b>MANIFOLD, BLOCK, NOSE WHEEL UNDERCARRIAGE AND DOOR IN N/W BAY, GROUP</b>				1	—	C	
		Consisting of :—							
28F/9838	AGS1104/A	<b>Adaptor, cone ... ..</b>				1	—	C	
28F/9708	AGS1104/B	<b>Adaptor, cone ... ..</b>				1	—	C	
28F/10410	AGS1104/C	<b>Adaptor, cone ... ..</b>				1	—	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>MANIFOLD, BLOCK, NOSE WHEEL UNDERCARRIAGE AND DOOR IN N/W BAY (140Q1910) (Cont'd)</b>				1			
28F/10799	140a/Q1910	Block, manifold	...	...	...	1	—	C	
28F/10798	AGS1129/C	Body, banjo	...	...	...	3	—	C	
28F/11017	AGS1129/B	Body, banjo 7	...	...	...	1	—	C	
28F/11078	AGS1136/B	Bolt, banjo conehead	...	...	...	1	—	C	
28F/12047	AGS1136/C	Bolt, banjo	...	...	...	3	—	C	
28F/12048	AGS1186/A	Washer, sealing	...	...	...	1	—	C	
28F/11958	AGS1186/B	Washer, sealing	...	...	...	2	—	C	
	AGS1186/C	Washer, sealing	...	...	...	4	—	C	
	143/Q1910	<b>MANIFOLD, BLOCK, DELIVERY, IN CENTRE PORTION FUSELAGE, GRP.</b>				1	—		
		Consisting of :—							
28F/9709	AGS1104/D	Adaptor, 1/2" BSP	...	...	...	2	—	C	
28R/7966	AGS948/C	Blank	...	...	...	1	—	C	
28D/12622	143a/Q1910	Block, manifold	...	...	...	1	DTD423	C	
	A25/3B	Bolt, attachment	...	...	...	2	—	C	
28F/11958	AS3382	Valve, non-return S.B.A.C.	...	...	...	1	—	C	
28F/11581	AGS1186/C	Washer, sealing	...	...	...	2	—	C	
28W/416642	AGS1186/D	Washer, sealing	...	...	...	2	—	C	
	SP47/B	Washer	...	...	...	1	—	C	
	144/Q1910	<b>MANIFOLD, BLOCK, RETURN, IN CENTRE PORTION FUSELAGE, GRP.</b>				1	—		
		Consisting of :—							
28F/9709	AGS1104/D	Adaptor, 1/2" BSP	...	...	...	3	—	C	
28R/7966	AGS948/C	Blank, 3/8" BSP	...	...	...	1	—	C	
28D/12514	144a/Q1910	Block, manifold	...	...	...	1	DTD423	C	
	A25/7C	Bolt, 2 BA	...	...	...	3	—	C	
	AS4549	Valve, thermal relief	...	...	...	1	—	C	
28F/12047	144b/Q1910	Tube, distance	...	...	...	3	L56	C	
28F/11581	AGS1186/A	Washer	...	...	...	1	—	C	
28W/416643	AGS1186/D	Washer	...	...	...	3	—	C	
28F/8235	SP47/C	Washer, 2 BA	...	...	...	3	—	C	
28F/14123	AGS1142/F	Nipple	...	...	...	8	—	C	
28F/14530	AGS1170/B	Nipple	...	...	...	3	—	C	
28F/10108	AGS1170/D	Nipple	...	...	...	4	—	C	
28F/9879	AGS1148/C	Nut, 3/8"	...	...	...	4	—	C	
	AGS1148/D	Nut, 1/2"	...	...	...	2	—	C	
	DUNLOP DC125A/11.5	Pipe, flexible, suction, from pump to tee-piece, outboard, nacelle	...	...	...	1	—		
3977	24/Q1631	Pipe, flexible, from selector valve to restrictor valve, rear centre portion	...	...	...	1	—	B	
3978	25/Q1631	Pipe, flexible, from selector valve to flap jack in rear centre portion	...	...	...	1	—	B	
	191/Q1910	<b>PIPE, SUCTION, FROM FILTER TO RESERVOIR, IN OUTER WING STARBOARD 3/4" o/d x 22G, GROUP</b>				1	DTD323A		
	192/Q1910	<b>PIPE, SUCTION, FROM JUNCTION BLOCK TO UNION, ALONG FRONT SPAR, STARBOARD, 3/4" o/d x 22G x 10' 1" LONG, GROUP</b>				1	DTD323A		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>							
11290	193/Q1910	PIPE, HAND PUMP TO JUNCTION BLOCK, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 8' 2", GROUP				1	DTD323A	C	
11315	194/Q1910	PIPE, CENTRIFUGE, RESERVOIR TO TEE-PIECE, $\frac{1}{2}$ " o/d x 22G x 12", GROUP				1	DTD323A	C	
11316	195/Q1910	PIPE, CENTRIFUGE, TEE-PIECE AT RESERVOIR TO TEE-PIECE AT STARBOARD PUMP, $\frac{3}{8}$ " o/d x 22G x 5", GRP.				1	DTD323A	C	
11317	196/Q1910	PIPE, CENTRIFUGE, TEE-PIECE AT VARDEL PUMP TO UNION, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 5' 4", GROUP				1	DTD323A	C	
11304	197/Q1910	PIPE, CENTRIFUGE, FROM UNION TO JUNCTION BLOCK, FRONT SPAR, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 9' 7" LONG, GROUP				1	DTD323A	C	
14776	216/Q1910	PIPE, DELIVERY, $\frac{1}{2}$ " o/d x 20G UNION ON FRONT SPAR TO N.R.V. IN OUTBOARD NACELLE, STARBOARD, GRP. (Mod. 758)				1	DTD323A	C	
	264/Q1910	PIPE, DELIVERY, $\frac{1}{2}$ " o/d x 20G GROUND CONNECTION TO TEE-PIECE, I/B NACELLE, STARBOARD, GROUP (Mod. 758)				1	DTD323A		
14291	267/Q1910	PIPE, DELIVERY, $\frac{3}{8}$ " o/d x 20G TEE-PIECE ON FRONT SPAR TO TEE-PIECE I/B NACELLE, STARBOARD, GROUP (Mod. 758)				1	DTD323A	C	
14575	265/Q1910	PIPE, DELIVERY, JUNCTION BLOCK, FRONT SPAR TO INBOARD NACELLE, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 5' 6", GROUP (Mod. 758)				1	DTD323A	C	
10557	22/Q1910	PIPE, DELIVERY JUNCTION BLOCK TO TEE-PIECE, BETWEEN FRONT AND REAR SPAR, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 6' 11", GROUP				1	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description				No. off	Marl. Spec.	Cl. of	Plate and Illustr'n No.
		1	2	3	4			St. M.R.	
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>							
10571	23/Q1910	PIPE, DELIVERY, TEE-PIECE TO U/C JACK AND DOORS, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 1' 11", GROUP				1	DTD323A	C	
14574	263/Q1910	PIPE, DELIVERY, FROM VARDEL PUMP TO TEE-PIECE, INBOARD NACELLE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 8" LONG, GROUP (Mod. 758)				1	DTD323A	C	
14531	29/Q1910	PIPE, DELIVERY TEE-PIECE TO FLANGED ADAPTOR AT FUSELAGE SIDE, FRONT SPAR, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 4' 3", GROUP				1	DTD323A	C	
14532	30/Q1910	PIPE, DELIVERY, TEE-PIECE TO FLANGED ADAPTOR AT FUSELAGE SIDE, PORT, $\frac{1}{2}$ " o/d x 20G x 52", GROUP				1	DTD323A	C	
14533	31/Q1910	PIPE, DELIVERY, FROM FLANGED ADAPTOR AT FUSELAGE SIDE, PORT TO MANIFOLD, FRONT SPAR, $\frac{1}{2}$ " o/d x 20G x 6' 10" LONG, GROUP				1	DTD323A	C	
10512	33/Q1910	PIPE, DELIVERY, MANIFOLD FRONT SPAR TO U/C JACK AND DOORS, PORT, $\frac{1}{2}$ " o/d x 20G x 101", GROUP				1	DTD323A	C	
14534	35/Q1910	PIPE, DELIVERY, NOSE WHEEL U/C FROM ADAPTOR IN HEATER BAY TO TEE-PIECE AT FORMER 6, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 146"					—	C	
9505	37/Q1910	PIPE, DELIVERY, NOSE WHEEL U/C ADAPTOR IN HEATER BAY TO MANIFOLD, NOSE WHEEL BAY, $\frac{1}{2}$ " o/d x 20G x 59", GROUP				1	DTD323A	C	
14535	39/Q1910	PIPE, DELIVERY, TEE-PIECE TO TEE-PIECE, FUSELAGE, FRONT SPAR, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 29", GRP.				1	DTD323A	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	C.I. of St. P.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956)</b> (Cont'd)							
14536	40/Q1910	PIPE, DELIVERY, FLAPS, FROM MANIFOLD, FRONT SPAR TO TEE-PIECE, IN CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 5' 4" LONG, GROUP				1	DTD323A	C	
14537	43/Q1910	PIPE, DELIVERY, FLAPS, FROM TEE-PIECE TO SELECTOR VALVE, REAR CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 3" LONG, GROUP				1	DTD323A	C	
14538	44/Q1910	PIPE, DELIVERY, SCANNER, FROM TEE-PIECE TO ADAPTOR, REAR CENTRE PORTION BOMB BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 9' 0" LONG, GROUP				1	DTD323A	C	
11318	198/Q1910	PIPE, RETURN, RESERVOIR, FROM UNION TO RESERVOIR, OUTER WING, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 9' 0" LONG, GROUP				1	DTD323A	C	
11305	199/Q1910	PIPE, RETURN, RESERVOIR, FROM UNION TO JUNCTION BLOCK, CENTRE PORTION, INNER WING, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 10' 3" LONG, GROUP				1	DTD323A	C	
11153	200/Q1910	PIPE, CENTRIFUGE, FROM PUMP TO TEE-PIECE, AT AVERY COUPLING, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
11289	201/Q1910	PIPE, RETURN, FROM JUNCTION BLOCK TO CROSS-PIECE, BETWEEN FRONT AND REAR SPAR, CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 7' 5" LONG, GROUP				1	DTD323A	C	
11149	202/Q1910	PIPE, RETURN, FROM JETTISON VALVE TO CROSS-PIECE, BETWEEN FRONT AND REAR SPAR, CENTRE PORTION, $\frac{3}{16}$ " o/d x 22G x 2' 3" LONG, GROUP				1	DTD323A	C	
11293	203/Q1910	PIPE, RETURN, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO TEE-PIECE, CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 3' 11" LONG, GROUP				1	DTD323A	C	
11294	204/Q1910	PIPE, RETURN, FROM TEE-PIECE TO FLANGED ADAPTOR, TO FUSELAGE SIDE, CENTRE PORTION, PORT, $\frac{1}{2}$ " o/d x 22G x 4' 7" LONG, GROUP				1	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>							
11353	205/Q1910				PIPE, RETURN, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO MANIFOLD, FRONT SPAR, PORT, $\frac{1}{2}$ " o/d x 22G x 6' 10" LONG, GROUP	1	DTD323A	C	
14539	60/Q1910				PIPE, SCANNER, FROM PRESSURE RELIEF VALVE TO FLANGED ADAPTOR, SCANNER JACK LH., $\frac{1}{2}$ " o/d x 22G x 16", GROUP	1	DTD323A	C	
14540	61/Q1910				PIPE, SCANNER, FROM PRESSURE RELIEF VALVE TO FLANGED ADAPTOR, SCANNER JACK LH., $\frac{1}{2}$ " o/d x 22G x 10", GROUP	1	DTD323A	C	
14541	62/Q1910				PIPE, SCANNER, FROM PRESSURE RELIEF VALVE TO FLANGED ADAPTOR, SCANNER JACK RH., $\frac{1}{2}$ " o/d x 22G x 16", GROUP	1	DTD323A	C	
14542	63/Q1910				PIPE, SCANNER, FROM PRESSURE RELIEF VALVE TO FLANGED ADAPTOR, SCANNER JACK RH., $\frac{1}{2}$ " o/d x 22G x 24", GROUP	1	DTD323A	C	
10092	64/Q1910				PIPE, DELIVERY, BRAKES, FROM MANIFOLD, FORMER D-F TO BRAKES MANIFOLD, NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 3' 8" LONG, GROUP (Pre-Mod. 786)	1	DTD323A	C	
12611	270/Q1910				PIPE, DELIVERY, MANIFOLD AT FORMER "D" TO BRAKE MANIFOLD IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 44", GROUP (Mod. 786)	1	DTD323A	C	
10595	27/Q1910				PIPE, DELIVERY, VARDEL PUMP TO N.R.V., $\frac{3}{8}$ " o/d x 22G x 12", GROUP (Pre-Mod. 758)	1	DTD323A	C	
11333	206/Q1910				PIPE, RETURN, NOSE WHEEL DOORS, FROM NOSE WHEEL DOOR VALVE TO MANIFOLD, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 6" LONG, GROUP	1	DTD323A	C	
14543	68/Q1910				PIPE, DELIVERY, NOSE WHEEL DOOR VALVE TO MANIFOLD IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 21", GROUP	1	DTD323A	C	
11292	207/Q1910				PIPE, RETURN, NOSE WHEEL U/C, FROM ADAPTOR IN HEATER BAY TO TEE-PIECE AT FORMER 6, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 12' 0", GROUP	1	DTD323A	C	
11285	208/Q1910				PIPE, RETURN, NOSE WHEEL U/C, FROM ADAPTOR IN HEATER BAY TO MANIFOLD BETWEEN FORMERS D-F, $\frac{1}{2}$ " o/d x 22G x 4' 6", GROUP	1	DTD323A	C	

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. ——— M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956)</b> (Cont'd)							
11309	209/Q1910	PIPE, RETURN, NOSE WHEEL U/C, MANIFOLD TO SELECTOR UNIT, NOSE WHEEL U/C VALVE, $\frac{3}{8}$ " o/d x 22G x 1' 4" LONG, GROUP				1	DTD323A	C	
11296	210/Q1910	PIPE, RETURN, BOMB DOORS, FROM MANIFOLD TO TEE-PIECE, UNDER FLOOR, CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 6' 3" LONG, GROUP				1	DTD323A	C	
14544	74/Q1910	PIPE, DELIVERY, FROM MANIFOLD TO TEE-PIECE, UNDER FLOOR, CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 20G x 3' 1" LONG, GROUP				1	DTD323A	C	
11297	211/Q1910	PIPE, RETURN, FLAPS, FROM MANIFOLD TO TEE-PIECE, AFT OF REAR SPAR, UNDER FLOOR, CENTRE PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 5' 7" LONG, GROUP				1	DTD323A	C	
11325	212/Q1910	PIPE, RETURN, FLAPS, FROM TEE-PIECE TO NON-RETURN VALVE, REAR CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 7" LONG, GROUP				1	DTD323A	C	
11330	213/Q1910	PIPE, RETURN, FLAPS, FROM NON-RETURN VALVE TO JETTISON VALVE, REAR CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 5" LONG, GROUP				1	DTD323A	C	
11343	214/Q1910	PIPE, RETURN, SCANNER, FROM TEE-PIECE TO ADAPTOR, IN RETURN PIPE LINE, REAR CENTRE PORTION BOMB BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 9' 8" LONG, GROUP				1	DTD323A	C	
14573	259/Q1910	PIPE, FEED, FROM FLANGED ADAPTOR TO SCANNER JACK RH., REAR CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
14545	80/Q1910	PIPE, SCANNER, FROM SHUTTLE VALVE TO PRESSURE RELIEF VALVE LH., REAR CENTRE PORTION, $\frac{1}{2}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
14572	258/Q1910	PIPE, RETURN, FROM FLANGED ADAPTOR TO SCANNER JACK RH., REAR CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 8" LONG, GROUP				1	DTD323A	C	

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**HYDRAULIC**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>							
14546	83/Q1910	PIPE, SCANNER, FROM PRESSURE RELIEF VALVE TO PRESSURE RELIEF VALVE, SCANNER JACK LH., $\frac{1}{4}$ " o/d x 22G x 1' 0", GROUP				1	DTD323A	C	
14547	84/Q1910	PIPE, RETURN, SCANNER, FROM SELECTOR VALVE TO JETTISON VALVE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " x 22G x 8' 2", GROUP				1	DTD323A	C	
14548	85/Q1910	PIPE, SCANNER, FROM PRESSURE RELIEF VALVE, SCANNER JACK LH., TO JETTISON VALVE, REAR CENTRE PORTION, $\frac{1}{4}$ " o/d x 22G x 11", GROUP				1	DTD323A	C	
14549	86/Q1910	PIPE, SCANNER, FROM FLANGED ADAPTOR TO SCANNER JACK LH., REAR CENTRE PORTION, $\frac{1}{4}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A	C	
14550	87/Q1910	PIPE, SCANNER, FROM FLANGED ADAPTOR TO SCANNER JACK LH., REAR CENTRE PORTION, $\frac{1}{4}$ " o/d x 22G x 1' 4" LONG, GROUP				1	DTD323A	C	
11326	215/Q1910	PIPE, FLAPS, FROM UNION TO SELECTOR FLAP JACK, REAR CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 3" LONG, GROUP				1	DTD323A	C	
14551	89/Q1910	PIPE, FLAPS, FROM BULKHEAD ADAPTOR AT FLEXIBLE PIPE TO FLAP JACK, REAR CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 3' 9", GROUP				1	DTD323A	C	
14552	90/Q1910	PIPE, FLAPS, FROM RESTRICTOR TO FLAP JACK, REAR CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 1' 7", GROUP				1	DTD323A	C	
11327	216/Q1910	PIPE, FLAPS, FROM FLANGED ADAPTOR TO JETTISON VALVE, REAR CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 1' 8" LONG, GROUP				1	DTD323A	C	
	262/Q1910	PIPE, UNION ON FRONT SPAR TO N.R.V. IN OUTBOARD NACELLE, STARBOARD, GROUP (Mod. 758) (Pre-Mod. 822)				1	DTD323A		
12621	271/Q1910	PIPE, UNION ON FRONT SPAR TO N.R.V. IN O/B NACELLE, STARBOARD, GROUP (Mod. 822)				1	DTD323A	C	

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.	
					St. M.R.		
		1 2 3 4					
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>					
11328	218/Q1910	PIPE, FLAPS, RETURN, FROM TEE-PIECE TO UNION, IN FLAP JACK PIPE, REAR CENTRE PORTION, STARBOARD, $\frac{3}{8}$ " x 22G x 1' 8" LONG, GROUP	1	DTD323A	C		
11344	219/Q1910	PIPE, FLAPS, RETURN, FROM TEE-PIECE TO UNION, REAR CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 1' 7" LONG, GROUP	1	DTD323A	C		
14553	96/Q1910	PIPE, NOSE WHEEL STEERING, FROM MANIFOLD TO REDUCING VALVE, $\frac{1}{2}$ " o/d x 22G x 8" LONG, GROUP	1	DTD323A	C		
14554	98/Q1910	PIPE, DELIVERY, BOMB DOORS, FROM MANIFOLD TO SHUT-OFF VALVE, UNDER FLOOR, CENTRE PORTION, $\frac{3}{8}$ " o/d x 22G x 1' 8" LONG, GROUP	1	DTD323A	C		
11332	220/Q1910	PIPE, RETURN, WINDSCREEN WIPER, BOMB AIMER'S, FROM FLANGED ADAPTOR AT FORMER F TO MANIFOLD, IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 8" LONG, GROUP	1	DTD323A	C		
9508	101/Q1910	PIPE, DELIVERY, WINDSCREEN WIPER, BOMB AIMER'S, FROM FLANGED ADAPTOR AT FORMER F TO MANIFOLD, IN NOSE WHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 1' 5" LONG, GROUP	1	DTD323A	C		
10560	104/Q1910	PIPE, DELIVERY, HAND PUMP TO TEE-PIECE, U/C JACK CONNECTION BETWEEN FRONT AND REAR SPAR, CENTRE PORTION, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 5" LONG, GROUP	1	DTD323A	C		
11295	221/Q1910	PIPE, RETURN, NOSE U/C, FROM TEE-PIECE, FRONT FUSELAGE, ABOVE FLOOR, $\frac{1}{2}$ " o/d x 22G x 2' 3" LONG, GROUP	1	DTD323A	C		
9509	115/Q1910	PIPE, DELIVERY, NOSE WHEEL, FROM MANIFOLD, BETWEEN FORMERS D-F TO MANIFOLD, NOSE WHEEL DOORS AND U/C VALVES, $\frac{1}{2}$ " o/d x 20G, GROUP	1	DTD323A	C		
11334	222/Q1910	PIPE, RETURN, NOSE WHEEL, FROM MANIFOLD, BETWEEN FORMERS D-F TO MANIFOLD NOSE WHEEL DOORS AND U/C VALVE, $\frac{1}{2}$ " o/d x 22G, GROUP	1	DTD323A	C		

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>							
14555	109/Q1910					1	DTD323A	C	
11155	223/Q1910					1	DTD323A	C	
11156	224/Q1910					1	DTD323A	C	
10600	266/Q1910					1	DTD323A	C	
14556	153/Q1910					1	DTD323A	C	
	114/Q1910					1	DTD323A	C	
11310	225/Q1910					1	DTD323A	C	
11154	227/Q1910					1	DTD323A	C	
11319	228/Q1910					1	DTD323A	C	
10600	112/Q1910					1	DTD323A	C	
27UA/5920	DUNLOP DH.102A/17.8					1	—	C	
	DUNLOP DH.101A/9.3					1	—	C	
	DUNLOP DH.102A/16.1					1	—	C	
	DH.101A/6.8					1	—	C	

SHACKLETON Mk. 3

**SERVICES**  
**HYDRAULIC**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956) (Cont'd)							
11320	229/Q1910	PIPE, VENT, FROM RESERVOIR, OUTER WING, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 4' 8" LONG, GROUP				1	DTD323A	C	
11321	230/Q1910	PIPE, OVERFLOW, FROM UNION TO UNION, IN RESERVOIR OVERFLOW, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 4' 3" LONG, GROUP				1	DTD323A	C	
11322	231/Q1910	PIPE, OVERFLOW, FROM UNION TO RESERVOIR OVERFLOW, OUTER MAINPLANE, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 4' 4" LONG, GROUP				1	DTD323A	C	
11286	232/Q1910	PIPE, RETURN, BRAKES, FROM MANIFOLD, BETWEEN FORMERS D-F TO BRAKES MANIFOLD, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 5' 5" LONG, GROUP				1	DTD323A	C	
11323	233/Q1910	PIPE, SUCTION, FROM AVERY COUPLING TO TEE-PIECE AT FLEXIBLE PIPE, OUTBOARD ENGINE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
11324	234/Q1910	PIPE, CENTRIFUGE, FROM AVERY COUPLING TO TEE-PIECE, OUTBOARD ENGINE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 4" LONG, GROUP				1	DTD323A	C	
	138/Q1910	PIPE, DELIVERY, FROM AVERY COUPLING TO TEE-PIECE AT PUMP CONNECTION, OUTBOARD ENGINE, STARBOARD, $\frac{1}{2}$ " o/d x 20G x 7" LONG, GROUP (Pre-Mod 758)				1	DTD323A		
11331	235/Q1910	PIPE, RETURN, FLAPS, FROM FLAPS RESTRICTOR VALVE TO TEE-PIECE, REAR CENTRE SECTION, $\frac{3}{16}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
11348	236/Q1910	PIPE, JETTISON, SCANNER, FROM JETTISON VALVE TO UNION, IN VENT PIPE, REAR CENTRE SECTION BOMB BAY, $\frac{1}{4}$ " o/d x 22G x 7' 7" LONG, GROUP				1	DTD323A	C	
11349	237/Q1910	PIPE, JETTISON, SCANNER, FROM UNION TO FLANGED ADAPTOR LH., IN JETTISON PIPE-LINE, PORT, $\frac{1}{4}$ " o/d x 22G x 1' 9" LONG, GROUP				1	DTD323A	C	

**SERVICES**  
**HYDRAULIC**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
		<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956)</b> (Cont'd)				
11147	238/Q1910	PIPE, RETURN, UNDERCARRIAGE, FROM JUNCTION BLOCK, FRONT SPAR TO CROSS-PIECE, BETWEEN FRONT AND REAR SPAR, PORT, $\frac{1}{2}$ " o/d x 22G, GROUP	1	DTD323A	C	
11392	253/Q1910	PIPE, RETURN, FROM U/C JACK TO TEE-PIECE, IN RETURN PIPE-LINE, BETWEEN FRONT AND REAR SPARS, $\frac{1}{2}$ " o/d x 22G x 1' 10" LONG, GROUP (Mod. 683)	1	DTD323A	C	
11340	239/Q1910	PIPE, RETURN, FROM UNION TO WINDSCREEN WIPER, BOMB AIMER'S AND GUNNER'S, IN NOSE, $\frac{1}{2}$ " o/d x 22G x 3' 4" LONG, GROUP	1	DTD323A	C	
14557	155/Q1910	PIPE, DELIVERY, WINDSCREEN WIPER, FROM UNION TO UNION, IN PIPE TO CONTROL VALVE, SERVICES, ABOVE FLOOR, IN NOSE, $\frac{1}{2}$ " o/d x 22G x 3' 4" LONG, GROUP	1	DTD323A	C	
14558	156/Q1910	PIPE, DELIVERY, WINDSCREEN WIPER, FROM FLANGED ADAPTOR TO FORMER "F" 15 UNION, IN PIPE TO CONTROL VALVE SERVICE ABOVE FLOOR IN NOSE $\frac{1}{2}$ " o/d x 22G x 3' 10" LONG, GROUP	1	DTD323A	C	
11341	240/Q1910	PIPE, RETURN, WINDSCREEN WIPER FROM UNION TO UNION IN PIPE TO CONTROL VALVE, SERVICE ABOVE FLOOR IN NOSE, $\frac{1}{2}$ " o/d x 22G x 2' 11" LONG, GROUP	1	DTD323A	C	
11342	241/Q1910	PIPE, RETURN, WINDSCREEN WIPER FROM FLANGED ADAPTOR AT FORMER "F" TO UNION IN PIPE TO CONTROL VALVE, SERVICE ABOVE FLOOR IN NOSE $\frac{1}{2}$ " o/d x 22G x 4' 2" LONG, GROUP	1	DTD323A	C	
10067	160/Q1910	PIPE, NOSE WHEEL STEERING, FROM CONTROL VALVE TO SELECTOR VALVE FORWARD OF FORMER "F" IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 11" LONG, GROUP	1	DTD323A	C	
11355	242/Q1910	PIPE, NOSE WHEEL STEERING FROM CONTROL VALVE TO MANIFOLD AFT OF FORMER "F" IN NOSE WHEEL BAY, STARBOARD $\frac{1}{2}$ " o/d x 22G x 2' 2" LONG, GROUP	1	DTD323A	C	

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SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956) (Cont'd)							
10069	162/Q1910	PIPE, NOSE WHEEL STEERING, FROM SELECTOR VALVE TO TEE-PIECE AT CONTROL VALVE CONNECTION, IN NOSE WHEEL BAY, STARBOARD, 1/4" o/d x 22G x 7" LONG, GROUP				1	DTD323A	C	
10070	163/Q1910	PIPE, NOSE WHEEL STEERING, FROM CONTROL VALVE TO TEE-PIECE, IN NOSE WHEEL BAY, STARBOARD, 1/4" o/d x 22G x 1' 2" LG., GROUP				1	DTD323A	C	
14559	164/Q1910	PIPE, NOSE WHEEL STEERING, FROM TEE-PIECE AT CONTROL VALVE CONNECTION TO UNION FORWARD OF FORMER "F" IN NOSE WHEEL BAY, STARBOARD, 1/4" o/d x 22G x 3' 3" LONG, GROUP				1	DTD323A	C	
10071	165/Q1910	PIPE, NOSE WHEEL STEERING FROM SELECTOR VALVE TO TEE-PIECE AFT OF FORMER "F" IN NOSE WHEEL BAY, STARBOARD 1/4" o/d x 22G x 7" LONG, GROUP				1	DTD323A	C	
10072	166/Q1910	PIPE, NOSE WHEEL STEERING, FROM CONTROL VALVE TO TEE-PIECE SELECTOR VALVE CONNECTION, AT FORMER "F" IN NOSE WHEEL BAY, STARBOARD, 1/4" o/d x 22G x 1' 2" LONG, GROUP				1	DTD323A	C	
14560	167/Q1910	PIPE, NOSE WHEEL STEERING, FROM TEE-PIECE TO UNION, IN N/W STEERING PIPE LINE, FORMER "F" IN NOSE WHEEL BAY, 1/4" o/d x 22G x 2' 9" LONG, GROUP				1	DTD323A	C	
14561	168/Q1910	PIPE, NOSE WHEEL STEERING, FROM UNION TO UNION IN N/W STEERING PIPE LINE FORWARD OF FORMER "F" IN NOSE WHEEL BAY, STARBOARD, 1/4" o/d x 22G x 3' 4" LONG, GROUP				1	DTD323A	C	
14562	169/Q1910	PIPE, NOSE WHEEL STEERING FROM UNION TO UNION IN N/W STEERING PIPE-LINE IN NOSE WHEEL BAY FORWARD OF FORMER "F", STARBOARD 1/4" o/d x 22G x 2' 11" LONG, GROUP				1	DTD323A	C	

SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956) (Cont'd)							
	170/Q1910	PIPE, DELIVERY, JUNCTION BLOCK TO FLANGED ADAPTOR AT FUSELAGE SIDE ALONG FRONT SPAR, STARBOARD $\frac{1}{2}$ " o/d x 20G x 9' 6" LONG, GROUP (Pre-Mod. 758)				1	DTD323A		
11354	243/Q1910	PIPE, RETURN, JUNCTION BLOCK TO FLANGED ADAPTOR AT FUSELAGE SIDE ALONG FRONT SPAR, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 9' 7" LONG, GROUP				1	DTD323A	C	
14563	173/Q1910	PIPE, DELIVERY, FROM SELECTOR VALVE TO SHUTTLE VALVE REAR CENTRE PORTION BOMB BAY $\frac{3}{8}$ " o/d x 22G x 8' 8" LONG, GROUP				1	DTD323A	C	
14564	174/Q1910	PIPE, RETURN, FROM SELECTOR UNIT TO REDUCING VALVE, HYDRAULIC CONTROL PANEL IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
11311	244/Q1910	PIPE, RETURN, SELECTOR UNIT TO MANIFOLD HYDRAULIC CONTROL PANEL IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 1' 2" LG., GROUP				1	DTD323A	C	
12534	176/Q1910	PIPE, DELIVERY, SELECTOR UNIT TO MANIFOLD HYDRAULIC CONTROL PANEL IN NOSE WHEEL BAY. $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
11350	245/Q1910	PIPE, SCANNER VENT, FROM FLANGED ADAPTOR TO TEE-PIECE IN VENT PIPE AT FUSELAGE SIDE PORT, $\frac{1}{2}$ " o/d x 22G x 5" LONG, GROUP				1	DTD323A	C	
11313	246/Q1910	PIPE, SUCTION, FROM FILTER TO TEE-PIECE AT FLEXIBLE PIPE TO PUMP, OUTBOARD, ENGINE, STARBOARD, $\frac{3}{8}$ " o/d x 22G x " LG., GROUP				1	DTD323A	C	
11351	247/Q1910	PIPE, RETURN, SCANNER, FROM UNION TO UNION IN RETURN PIPE-LINE, REAR CENTRE PORTION BOMB BAY $\frac{3}{8}$ " o/d x 22G x 4' 1" LONG GROUP				1	DTD323A	C	

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SERVICES  
HYDRAULIC

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.
		1 2 3 4				
<p>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Q1910) (Q1935) (Q1936) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956) (Cont'd)</p>						
14565	180/Q1910	PIPE, DELIVERY, SCANNER, FROM ADAPTOR TO ADAPTOR, IN DELIVERY PIPE-LINE, REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 4' 1" LONG, GROUP	1	DTD323A	C	
14566	181/Q1910	PIPE, DELIVERY, SCANNER, FROM ADAPTOR TO SELECTOR VALVE IN REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 1' 9" LG., GROUP	1	DTD323A	C	
14567	182/Q1910	PIPE, NOSE WHEEL STEERING FROM UNION TO CENTRING STEERING IN NOSE, $\frac{1}{2}$ " o/d x 22G, GROUP	1	DTD323A	C	
14568	183/Q1910	PIPE, NOSE WHEEL STEERING, FROM UNION TO CENTRING STEERING IN NOSE, $\frac{1}{2}$ " o/d x 22G, GROUP	1	DTD323A	C	
11352	248/Q1910	PIPE, RETURN, SCANNER, FROM ADAPTOR TO SELECTOR VALVE, IN REAR CENTRE PORTION BOMB BAY, $\frac{3}{8}$ " o/d x 22G x 1' 8" LONG, GROUP	1	DTD323A	C	
11314	249/Q1910	PIPE, SUCTION FROM RESERVOIR TO UNION OUTBOARD ENGINE STARBOARD, $\frac{3}{4}$ " o/d x 22G x 3' 4" LONG, GROUP	1	DTD323A	C	
11302	250/Q1910	PIPE, SUCTION, FROM JUNCTION BLOCK TO FILTER INBOARD NACELLE, STARBOARD, $\frac{3}{4}$ " o/d x 22G, GROUP	1	DTD323A	C	
14570	251/Q1910	PIPE, RETURN, FROM TEE-PIECE TO U/C DOOR VALVE, BETWEEN FRONT AND REAR SPAR $\frac{1}{2}$ " o/d x 22G x 8" LONG, GROUP	1	DTD323A	C	
14571	252/Q1910	PIPE, RETURN, FROM TEE-PIECE U/C DOOR VALVE CONNECTION, TO CROSS-PIECE IN RETURN PIPE, BETWEEN FRONT AND REAR SPARS $\frac{1}{2}$ " o/d x 22G x 3' 4" LONG, GROUP	1	DTD323A	C	
14569	190/Q1910	PIPE, DELIVERY, FROM TEE-PIECE TO NON-RETURN VALVE, OUTBOARD ENGINE STARBOARD $\frac{3}{8}$ " o/d x 22G x 6", GROUP (Pre-Mod. 758)	1	DTD323A	C	
37J/8005	—	Pump, vardel, (A 8003Y/2450) inboard and outboard engine	2	—	A	
27W/1	UMC501	Pump, hand	1	—	A	

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**SERVICES**  
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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St.	and
		1 2 3 4			M.R.	Illust'n No.
<b>HYDRAULIC SYSTEM, MAIN FEED, AND RETURN, FLAPS, SCANNER, AND WINDSCREEN WIPER (Cont'd)</b>						
27Q/1272	DOWTY A7346Y	Reservoir, hydraulic, outboard nacelle starboard	1	—		A
28F/10610	AGS1118/B	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	2	—		C
28F/9717	AGS1118/D	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	4	—		C
28F/9439012	AGS1119/F	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	1	—		C
28F/9721	AGS1120/5	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	1	—		C
28F/9724	AGS1120/10	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	2	—		C
28F/13290	AGS1120/11	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ " ... ..	4	—		C
12768	19SS3557	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ ", in outboard nacelle, starboard (Mod. 847)	1	—		C
12769	202SS3557	Tee-piece, $\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ ", in outboard nacelle, starboard (Mod. 847)	1	—		C
28F/9704	AGS1102/B	Union, $\frac{1}{2}$ " ... ..	7	—		C
28F/9705	AGS1102/C	Union, $\frac{1}{2}$ " ... ..	3	—		C
28F/9706	AGS1102/D	Union, $\frac{1}{2}$ " ... ..	2	—		C
28F/1011798	AGS1103/F	Union, $\frac{1}{2}$ " ... ..	1	—		C
27Q/732	DOWTY A2303Y	Valve, bomb door shut-off between spars in centre portion	1	—		A
27Q/1226	DOWTY C7333Y/MKU	Valve, selector, flaps, in rear centre portion bomb bay	1	—		A
27Q/986	DOWTY C4046Y	Valve, jettison, flaps, in rear centre portion bomb bay	1	—		A
27Q/1102	DOWTY C5941/Y	Valve, restrictor, flaps, in bomb bay. ...	1	—		A
27Q/1111	DOWTY C3750/MKC	Valve, jettison, scanner, in bomb bay ...	1	—		A
27Q/967	DOWTY D1647Y/MKF	Valve, shuttle, scanner, in bomb bay ...	1	—		A
27Q/70572	DOWTY 1,00112,013	Valve, selector, scanner, in bomb bay (Mod. 1035)	1	—		A
27Q/70580	DOWTY 1,00112,002	Valve, selector, nose wheel steering (Mod. 1035)	1	—		A

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Ref. No.	Part No.	Description				No. off	Mati. Spec.	Cl. of	Plate
		1	2	3	4			St. M.R.	and Illust'n No.
<b>HYDRAULIC SYSTEM, MAIN FEED AND RETURN, FLAPS, SCANNER AND WINDSCREEN WIPER (Cont'd)</b>									
27Q/1567	DOWTY D8741Y	Valve, non-return, in delivery pipe, out-board nacelle, starboard (Mod. 684)				1	—	B	
27Q/1568	DOWTY D8757Y	Valve, non-return, in delivery pipe, out-board nacelle (Mod. 684)				1	—	B	
27Q/965	DOWTY C484Y/Mk.H	Valve, pressure relief, scanner, in bomb bay, starboard (Pre-Mod. 834)				1	—	B	
27Q/70125	DOWTY 00484Y/A19	Valve, pressure relief, in bomb bay, starboard (Mod. 834)				1	—	B	
27Q/966	DOWTY C484Y/Mk.J	Valve, pressure relief, scanner in bomb bay (Pre-Mod. 834)				1	—	B	
27Q/70091	DOWTY 00484Y/A18	Valve, pressure relief, scanner in bomb bay (Mod. 834)				1	—	B	
27Q/1251	DOWTY A4719/Mk.D	Valve, pressure reducing, at former "F", above floor				1	—	A	
27Q/70331	DOWTY 1,00112,007	Valve, steering control selector (Mod. 1035)				1	—	A	
27Q/1105	DOWTY D5240Y	Valve, non-return ... ..				2	—	B	
27WW/351	DUNLOP ACM17800	Valve, control, windscreen wiper ... ..				1	—	A	
27WW/347	DUNLOP AC/12626	Valve, control, bomb aimer's windscreen ...				1	—	A	
27Q/1567	DOWTY D8741Y	Valve, non-return, outboard nacelle, starboard (Pre-Mod. 823)				1	—	A	
27Q/	DOWTY 1/00201/030	Valve, non-return, outboard nacelle, starboard (Mod. 823)				1	—	A	
27Q/1568	DOWTY D8757Y	Valve, non-return, on front spar between fuselage and inboard nacelle (Pre-Mod. 823)				1	—	A	
27Q/	DOWTY 1/00201/040	Valve, non-return, on front spar between fuselage and inboard nacelle (Mod. 823)				1	—	A	
	AS.3382 DOWTY D5230Y	Valve, non-return, in return line at flap jack				1	—		
27Q/15170	DOWTY D5230Y	Valve, non-return, in delivery line at flap jack (Mod. 831)				1	—	B	

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.

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HYDRAULICS

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.
<b>HYDRAULIC SYSTEM, MAIN AND NOSE WHEEL UNDERCARRIAGE, PORT AND STARBOARD (Q1914) (Q1949) (Q1935) (Q1936)</b>						
Spares for:—						
27Y/257	ELECTRO HYDRAULICS 46550	Jack, u/c, main wheel ... ..	2	—	A	
27Q/1502	DOWTY C8277 Mk.8	Jack, door, main and nosewheel u/c, R.H.	3	—	A	
27Q/1487	DOWTY C8277Y	Jack, door, main and nosewheel u/c, L.H. ...	3	—	A	
27Q/1488	DOWTY A8278Y	Jack, u/c nose wheel ... ..	1	—	A	
27Y/264	ELECTRO HYDRAULICS 169900	Lock, up, main u/c ... ..	2	—	A	
27Y/260	ELECTRO HYDRAULICS 486000	Lock, down, main u/c ... ..	2	—	A	
	54Q1914	<b>MANIFOLD, AT MAIN WHEEL DOOR JACK, GROUP</b>	1	—		
	63Q1914	<b>MANIFOLD AT NOSE WHEEL DOOR JACK, GROUP (Mod. 788)</b>	1	—		
<b>MOUNTING OF HAND PUMP, HYDRAULIC (1/Q1979)</b>						
Spares for:—						
28D/12531	A25/3C	Bolt, 2 BA for stowage attachment to spar	2	—	C	
28D/12532	A25/4C	Bolt, 2 BA, attachment of support bracket to spar	6	—	C	
28D/12571	A25/21E	Bolt, 1/4" BSF, for pump attachment ...	3	—	C	
28F/10799	AGS1129/C	Banjo, body, 3/8" BSP ... ..	1	DTD423	C	
28F/10798	AGS1129/B	Banjo, body, 1/2" BSP ... ..	1	DTD423	C	
28F/9730	AGS1135/C	Bolt, banjo, 3/8" BSP... ..	1	DTD413	C	
28F/10018	AGS1135/B	Bolt, banjo, 1/2" BSP... ..	1	DTD423	C	
10024	2/Q1979	Bracket, support, R.H. ... ..	1	L72	C	
10025	3/Q1979	Bracket, support, L.H. ... ..	1	L72	C	
	6/Q1979	Bracket, stowage, for pump handle ...	1	—		
28M/10288	AGS2002/C/1	Nut, stiff, 2 BA, for attachment bolts ...	8	—	C	
28M/10290	AGS2001/E/1	Nut, stiff, 1/2" BSF, for attachment bolts ...	3	—	C	
<b>MOUNTING, U/C CONTROL PANEL BETWEEN CENTRE AND INTERMEDIATE ENGINE RIBS (Q1947)</b>						
Spares for:—						
	2Q1947	<b>PANEL, CONTROL, GROUP</b> ...	1	—		
Spares for:—						
14596	4Q1947	Panel, less equipment ... ..	1	L72		
	14Q1914	<b>PIPE, 3/8" o/d x 22G x 5", LONG, JETTISON VALVE TO TWIN CONTROL VALVE, GROUP</b>	1	DTD323A	C	
27Q/1263	DOWTY C6770 Mk.C	Valve, jettison ... ..	1	—	A	
27Q/70579	DOWTY 1,00112,061	Valve, twin selector (Mod. 1035) ...	1	—	A	
27Q/1570	DOWTY C6790Y Mk.C	Valve, transfer, below panel ... ..	1	—	A	

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					St. M.R.	and Illust'n No.	
		1	2	3	4		
	5/Q1979	<b>PIN, LOCKING, PUMP HANDLE, GROUP</b>	1	—			
		Consisting of:—					
	5a/Q1979	Chain ... ..	1	C15			
	A417	Pin, quick release ... ..	1	S11			
	5b/Q1979	Ring, split ... ..	2	—			
	22/Q1378	<b>PUMP, HAND AUXILIARY, GRP.</b>	1	—			
		Consisting of:—					
28D/12534	A25/9C	Bolt, 2 BA ... ..	2	—	C		
27W/1073	UMC528	Handle, C/W grip ... ..	1	—	B		
28M/13124	A27/CT	Nut, thin ... ..	2	—	C		
27W/1	UMC501	Pump ... ..	1	—	A		
28W/12252	SP13/C	Washer ... ..	2	—	C		
28F/12048	AGS1186/B	Washer, sealing ... ..	2	—	C		
29F/11958	AGS1186/C	Washer, sealing ... ..	2	—	C		
28W/12252	SP13/C	Washer, 2 BA ... ..	8	—	C		
28W/12253	SP13/E	Washer, 1/4" BSF ... ..	3	—	C		
9537	3/Q1914	<b>PIPE, NOSE WHEEL U/C, FROM MANIFOLD TO JETTISON VALVE, IN N/W BAY, STARBOARD, 1/2" o/d x 22G x 2' 6" LONG, GROUP</b>	1	DTD323A	C		
10534	10/Q1914	<b>PIPE, MAIN U/C, FROM U/C DOOR JACK INBOARD, TO TEE-PIECE, AT DOOR VALVE CONNECTION, 1/2" o/d x 22G x 4' 6" LONG, GROUP</b>	1	DTD323A	C		
10524	13/Q1914	<b>PIPE, MAIN U/C, FROM TEE-PIECE JETTISON VALVE, 3/8" o/d x 22G x 3' 1" LONG, GROUP</b>	1	DTD323A	C		
10537	15/Q1914	<b>PIPE, U/C, FROM DOOR JACK, OUTBOARD TO TEE-PIECE AT DOOR VALVE CONNECTION, 1/2" o/d x 22G x 5' 0" LONG, GROUP</b>	1	DTD323A	C		
10536	16/Q1914	<b>PIPE, MAIN U/C, FROM U/C DOOR JACK, OUTBOARD, TO TEE-PIECE AT DOOR VALVE CONNECTION, 1/2" o/d x 22G x 2' 6" LONG, GROUP</b>	1	DTD323A	C		
10529	18/Q1914	<b>PIPE, MAIN U/C DOOR VALVE TO TEE-PIECE IN DOOR JACK PIPE LINE, 3/8" o/d x 22G x 2' 7" LONG, GROUP</b>	1	DTD323A	C		
10530	19/Q1914	<b>PIPE, MAIN U/C, FROM U/C VALVE TO TEE-PIECE, UP/LOCK CONNECTION, 1/2" o/d x 22G x 1' 3" LONG, GROUP</b>	1	DTD323A	C		
10528	21/Q1914	<b>PIPE, MAIN U/C, FROM U/C VALVE TO TEE-PIECE AT JETTISON VALVE CONNECTION, 1/2" o/d x 20G x 8" LONG, GROUP</b>	1	DTD323A	C		

SHACKLETON Mk. 3

**SERVICES**  
**HYDRAULIC**

Page QN. 37

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, MAIN &amp; NOSE WHEEL UNDERCARRIAGE, PORT &amp; STARBOARD (Q1914) (Q1949) (Q1935) (Q1936) (Cont'd)</b>							
10527	22/Q1914	PIPE, MAIN U/C, FROM TRANSFER VALVE TO TEE-PIECE AT JETTISON VALVE CONNECTION, $\frac{1}{2}$ " o/d x 20G x 15" LONG, GROUP				1	DTD323A	C	
14597	25/Q1914	PIPE, NOSE WHEEL U/C, FROM SELECTOR UNIT TO JETTISON VALVE CONTROL PANEL, $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
10535	26/Q1914	PIPE, MAIN U/C, FROM U/C DOOR JACK, INBOARD TO TEE-PIECE, DOOR VALVE CONNECTION, $\frac{1}{2}$ " o/d x 22G x 5' 5" LONG, GROUP				1	DTD323A	C	
9540	30/Q1914	PIPE, NOSE WHEEL U/C, FROM MANIFOLD TO DOWN LOCK, IN NOSE-WHEEL BAY $\frac{1}{2}$ " O/D x 22G x 3' 2" LONG, GROUP				1	DTD323A	C	
10543	31/Q1914	PIPE, MAIN U/C, FROM TRANSFER TO U/C JACK, $\frac{1}{2}$ " o/d x 20G x 1' 5" LONG, GROUP				1	DTD323A	C	
10533	34/Q1914	PIPE, MAIN U/C, FROM TEE-PIECE TO UP LOCK, $\frac{1}{2}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A	C	
14598	36/Q1914	PIPE, NOSE WHEEL U/C, FROM MANIFOLD TO NOSE WHEEL DOOR CONTROL VALVE, IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
14599	37/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL DOOR CONTROL VALVE TO REDUCING UNION, IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 6" LONG, GROUP				1	DTD323A	C	
14600	38/Q1914	PIPE, NOSE WHEEL U/C, FROM MANIFOLD TO NOSE WHEEL DOOR JACK, IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 2' 6" LONG, GROUP				1	DTD323A	C	
14601	39/Q1914	PIPE, NOSE WHEEL U/C, FROM MANIFOLD TO NOSE WHEEL DOOR JACK, IN NOSE WHEEL BAY, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 2' 0" LONG, GROUP				1	DTD323A	C	
10508	40/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL DOOR JACK, PORT, TO UNION, IN NOSE WHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 1' 10" LONG, GROUP				1	DTD323A	C	

SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>HYDRAULIC SYSTEM, MAIN &amp; NOSE WHEEL UNDERCARRIAGE, PORT &amp; STARBOARD (Q1914) (Q1949) (Q1935) (Q1936) (Cont'd)</b>							
10509	41/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL DOOR JACK, PORT, TO UNION, IN NOSE WHEEL BAY, $\frac{1}{4}$ " o/d x 22G x 2' 4" LONG, GROUP				1	DTD323A	C	
14602	42/Q1914	PIPE, NOSE WHEEL U/C, FROM NON-RETURN VALVE TO RESTRICTOR, IN NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 1" LONG, GROUP				1	DTD323A	C	
14603	43/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL U/C JACK TO RESTRICTOR, $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
10552	44/Q1914	PIPE, MAIN U/C, FROM U/C VALVE TO DOWN LOCK, PORT, $\frac{1}{2}$ " o/d x 22G x 9' 8" LONG, GROUP				1	DTD323A	C	
10553	45/Q1914	PIPE, MAIN U/C, FROM U/C VALVE TO DOWN LOCK, PORT, $\frac{1}{2}$ " o/d x 22G x 7' 7" LONG, GROUP				1	DTD323A	C	
10572	46/Q1914	PIPE, MAIN U/C, FROM U/C VALVE TO DOWN LOCK, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 7' 10" LONG, GROUP				1	DTD323A	C	
10573	47/Q1914	PIPE, MAIN U/C, FROM U/C VALVE TO DOWN LOCK, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 9' 5" LONG, GROUP				1	DTD323A	C	
14604	48/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL DOOR CONTROL VALVE TO NON-RETURN VALVE, NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 0" LONG, GROUP				1	DTD323A	C	
10094	49/Q1914	PIPE, MAIN U/C, FROM REDUCING UNION TO U/C DOOR VALVE, $\frac{3}{8}$ " o/d x 22G x 1' 10" LONG, GROUP				1	DTD323A	C	
10095	50/Q1914	PIPE, MAIN U/C, FROM TEE-PIECE, IN DOOR JACK PIPE-LINE TO REDUCING VALVE, $\frac{1}{2}$ " o/d x 22G x 15" LONG, GROUP				1	DTD323A	C	
10096	51/Q1914	PIPE, NOSE WHEEL U/C DOOR, FROM MANIFOLD TO REDUCING UNION, IN NOSE WHEEL BAY, $\frac{1}{4}$ " o/d x 22G x 1' 7" LONG, GROUP				1	DTD323A	C	

SHACKLETON Mk.

SERVICES  
HYDRAULIC

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.
<b>HYDRAULIC SYSTEM, MAIN &amp; NOSE WHEEL UNDERCARRIAGE, PORT &amp; STARBOARD (Q1914) (Q1949) (Q1935) (Q1936) (Cont'd)</b>						
10097	52/Q1914	PIPE, NOSE WHEEL U/C, FROM NOSE WHEEL U/C JACK TO NOSE WHEEL U/C CONTROL VALVE, IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 3' 2" LONG, GROUP	1	DTD323A	C	
10098	55/Q1914	PIPE, NOSE WHEEL U/C, FROM U/C CONTROL VALVE TO RESTRICTOR, IN NOSE WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 18" LONG, GROUP	1	DTD323A	C	
10510	56/Q1914	PIPE, NOSE WHEEL U/C DOOR, FROM MANIFOLD TO UNION LH., IN DOOR JACK PIPE-LINE, IN NOSE WHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 1' 4" LONG, GROUP	1	DTD323A	C	
10511	57/Q1914	PIPE, NOSE WHEEL U/C DOOR, FROM MANIFOLD TO UNION LH., IN DOOR JACK PIPE-LINE, IN NOSE WHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 1' 6" LONG, GROUP	1	DTD323A	C	
11148	58/Q1914	PIPE, MAIN U/C, FROM JETTISON VALVE TO ADAPTOR AT BULK-HEAD REAR SPAR, $\frac{3}{8}$ " o/d x 22G x 5' 2" LONG, GROUP	1	DTD323A	C	
11287	59/Q1914	PIPE, NOSE WHEEL U/C, FROM CONTROL PANEL TO JETTISON VALVE, NOSE WHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 2' 6" LONG, GROUP	1	DTD323A	C	
11157	60/Q1914	PIPE, MAIN U/C, JETTISON, FROM ADAPTOR AT REAR SPAR TO ATMOSPHERE, $\frac{3}{8}$ " o/d x 22G x 3' 11" LONG, GROUP	1	DTD323A	C	
11150	61/Q1914	PIPE, MAIN U/C, FROM TEE-PIECE TRANSFER VALVE CONNECTION TO U/C DOOR VALVE, $\frac{1}{2}$ " o/d x 22G x 11" LONG, GROUP	1	DTD323A	C	
11151	62/Q1914	PIPE, MAIN U/C, FROM TEE-PIECE TRANSFER VALVE CONNECTION TO U/C JACK, $\frac{1}{2}$ " o/d x 22G x 11" LONG, GROUP	1	DTD323A	C	
6536	28/SS3557	Tee-piece, $\frac{1}{4}$ " x $\frac{1}{2}$ " x $\frac{3}{8}$ " BSP, door valve connection, in door jack pipe-line	1	—	C	

SERVICES  
HYDRAULIC

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of:	Plate
		1	2	3	4			St. M.R.	and Illust'n No.
<b>HYDRAULIC SYSTEM MAIN &amp; NOSE WHEEL UNDERCARRIAGE, PORT &amp; STARBOARD (Q1914) (Q1949) (Q1935) (Q1936) (Cont'd)</b>									
27Q/1265	DOWTY C305Y AS3382	Valve, jettison ... ..				1	—		A
	DOWTY 1,00112,014	Valve, non-return, 3/8" BSP. ... ..				1	—		A
27Q/70573	DOWTY 1,00112,014	Valve, selector, nose wheel undercarriage (Mod. 1035)				1	—		A
27Q/70578	DOWTY 1,00112,020	Valve, selector, nose wheel undercarriage, alternative (Mod. 1035)				1	—		A

SERVICES—HYDRAULIC  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
6A	2691	4		<b>Part Nos.</b>		28F	9721	2
			27Q	A8206/Y/Mk.C	1	28F	9724	2
			27Q	A8206/Y/Mk.D	1	28F	9730	6
			27Q	A53382	2	28F	9736	2
			27Q	6768/Y/Mk.Q	1	28F	9838	5
			27Q	C7402/Mk.LV	1	28F	9876	1
27M	8750	2				28F	9879	2
27M	8752	2				28F	10020	1
27M	8900	2				28F	10108	4
			27VA	2958	2	28F	10110	4
			27VA	4931	1	28F	10118	1
			27VA	5004	1	28F	10380	2
			27VA	5165	4	28F	10380	2
						28F	10410	7
27Q	589	1				28F	10486	4
27Q	732	1				28F	10610	4
27Q	755	1				28F	10785	6
27Q	965	1				28F	10797	2
27Q	966	1	27VA	<b>Part No.</b>		28F	10798	2
27Q	967	1		AC12276	1	28F	10799	4
27Q	986	1				28F	11017	1
27Q	1102	1				28F	11078	3
27Q	1105	1	27W	1	2	28F	11268	2
27Q	1111	1	27W	1073	1	28F	11273	1
27Q	1158	1				28F	11581	5
27Q	1226	1				28F	11698	4
27Q	1251	1				28F	11958	30
27Q	1254	1				28F	12047	11
27Q	1258	1	27Y	260	2	28F	12048	5
27Q	1263	1	27Y	264	2	28F	13290	1
27Q	1265	1				28F	14123	3
27Q	1267	1				28F	14530	4
27Q	1268	1						
27Q	1269	1						
27Q	1270	1	28D	12514	3			
27Q	1271	2	28D	12528	2	28M	10288	8
27Q	1272	1	28D	12531	2	28M	10290	3
27Q	1318	1	28D	12532	6			
27Q	1319	1	28D	12534	2			
27Q	1377	1	28D	12571	3			
27Q	1477	1	28D	12622	2	28R	7966	2
27Q	1478	1						
27Q	1481	1						
27Q	1484	1						
27Q	1485	1				28V	10145	6
27Q	1487	3	28F	8235	8			
27Q	1488	1	28F	9493	3			
27Q	1502	3	28F	9533	4			
27Q	1558	1	28F	9703	10	28W	12252	10
27Q	1559	1	28F	9704	15	28W	12253	3
27Q	1561	1	28F	9705	3	28W	416642	3
27Q	1562	1	28F	9706	2	28W	416643	3
27Q	1570	1	28F	9708	2			
27Q	1623	1	28F	9709	5			
27Q	1624	1	28F	9717	4			
27Q	1630	1	28F	9718	1	37J	8005	2



SERVICES  
OIL PRESSURE

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>OIL PRESSURE SYSTEM (Q1917) (Q1941) (Q1950) (Q1951) (Q2038)</b>							
		Spares for :—							
28F/11856	AGS1112/A	Adaptor, flanged	$\frac{3}{16}$ " o/d	...	...	8	—	C	
28F/10510	AGS1146/A	Adaptor,	$\frac{3}{8}$ " o/d	...	...	6	—	C	
	O/SS4307	Adaptor	...	...	...	8	—	C	
6A/1967	—	Connection, 3-way bleeder	...	...	...	4	—	A	
6A/2235	—	Gauge, oil pressure, 0-15 lbs. sq. in.	...	...	...	4	—	A	
28F/9735	AGS1142/A	Nipple,	$\frac{3}{8}$ " o/d	...	...	4	—	C	
28N/9896	AGS209/O	Nipple,	$\frac{1}{8}$ "	...	...	60	—	C	
28M/11292	AGS1217/A	Nut,	$\frac{1}{8}$ " BSP	...	...	48	—	C	
28F/10491	AGS1148/A	Nut,	$\frac{1}{8}$ " BSP	...	...	6	—	C	
2467	16/Q1371	Pipes, flexible, to transmitter inboard and outboard engines	...	...	...	4	—	C	
	4/Q1917	PIPE, FROM ADAPTOR TO FLANGED ADAPTOR AT FUSELAGE SIDE, IN I/B ENGINE PIPELINE ON FRONT SPAR, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7		
	5/Q1917	PIPE, FROM ADAPTOR TO FLANGED ADAPTOR AT FUSELAGE SIDE IN O/B ENGINE PIPELINE ON FRONT SPAR, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 6' 6" LONG, GROUP				1	T7		
	6/Q1917	PIPE FROM BLEEDER VALVE TO ADAPTOR IN FLOOR, IN I/B ENGINE PIPELINE PORT, $\frac{1}{8}$ " o/d x 22G x 4' 6" LONG, GROUP				1	T7		
	7/Q1917	PIPE FROM BLEEDER VALVE TO ADAPTOR IN FLOOR, IN O/B ENGINE PIPELINE, PORT, $\frac{1}{8}$ " o/d x 22G x 4' 6" LONG, GROUP				1	T7		
	8/Q1917	PIPE, FROM BLEEDER VALVE TO ADAPTOR IN FLOOR, IN I/B ENGINE PIPELINE, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 4' 6" LONG, GROUP				1	T7		
	9Q1917	PIPE, FROM BLEEDER VALVE TO ADAPTOR IN FLOOR IN OUTBOARD ENGINE PIPE LINE, STARBOARD, GROUP				1	T7		
	10/Q1917	PIPE, FROM BLEEDER VALVE TO GAUGE ON FLIGHT ENGINEERS PANEL, GROUP				4	T7		
	14/Q1917	PIPE, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AT FORMER 6, BELOW FLOOR IN FRONT CENTRE PORTION $\frac{1}{8}$ " o/d x 22G x 11' 6" LONG, GROUP				1	T7		

SERVICES  
OIL PRESSURE

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of Sc. M.R.	Plate and Illust'n No.
		1	2	3	4				
10591	15/Q1917	PIPE FROM ADAPTOR IN HEATER BAY TO ADAPTOR FORWARD OF FORMER 5, BELOW FLOOR IN FRONT CENTRE PORTION $\frac{1}{8}$ " o/d x 22G x 11' 6" LONG, GROUP				1	T7		
	16/Q1917	PIPE, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AFT OF FORMER 5, BELOW FLOOR IN FRONT CENTRE PORTION $\frac{1}{8}$ " o/d x 22G x 11' 6" LONG, GROUP				1	T7		
	17/Q1917	PIPE, FROM ADAPTOR IN HEATER BAY TO ADAPTOR AT FORMER 6, BELOW FLOOR IN FRONT CENTRE PORTION $\frac{1}{8}$ " o/d x 22G x 11' 6" LONG, GROUP				1	T7		
	18/Q1917	PIPE, FROM ADAPTOR IN I/B ENGINE PIPE LINE TO FLANGED ADAPTOR AT FUSELAGE SIDE, PORT, $\frac{1}{8}$ " o/d x 22G x 7' 6" LONG, GROUP				1	T7		
	19/Q1917	PIPE, FROM ADAPTOR IN O/B ENGINE PIPE LINE TO FLANGED ADAPTOR AT FUSELAGE SIDE, PORT, $\frac{1}{8}$ " o/d x 22G x 8' 0" LONG, GROUP				1	T7		
	20/Q1917	PIPE FROM JUNCTION BLOCK TO FLEXIBLE PIPE AT ENGINE BULK-HEAD, INBOARD NACELLE, PORT, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7	C	
	23/Q1917	PIPE, FROM ADAPTOR AT FRONT SPAR TO FLEXIBLE PIPE AT ENGINE BULKHEAD, OUTBOARD NACELLE, PORT, $\frac{1}{8}$ " o/d x 22G, GROUP				1	T7		
	24/Q1917	PIPE, FROM UNION AT ANGLE BRACKET TO ADAPTOR IN O/B ENGINE PIPE LINE, ALONG FRONT SPAR, INNER WING, PORT, $\frac{1}{8}$ " o/d x 22G x 9' 0" LONG, GROUP				1	T7		
	25/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO COUPLING AT BRACKET IN O/B ENGINE PIPE LINE, ALONG FRONT SPAR, PORT, $\frac{1}{8}$ " o/d x 22G x 11' 0" LONG, GROUP				1	T7		
	26/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO JUNCTION BLOCK IN I/B ENGINE PIPELINE, ALONG FRONT SPAR, PORT, $\frac{1}{8}$ " o/d x 22G x 7' 0" LONG, GROUP				1	T7		

SERVICES  
OIL PRESSURE

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	27/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO FLEXIBLE PIPE AT I/B ENGINE BULKHEAD, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 12' 0" LONG, GROUP				1	T7		
	28/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO JUNCTION BLOCK IN O/B ENGINE PIPE LINE, ALONG FRONT SPAR, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 9' 6" LONG, GROUP				1	T7		
	30/Q1917	PIPE, FROM JUNCTION BLOCK TO ADAPTOR, ALONG FRONT SPAR, INNER WING, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 11' 0" LONG, GROUP				1	T7		
	31/Q1917	PIPE, FROM ADAPTOR TO FLEXIBLE PIPE AT O/B ENGINE BULKHEAD, STARBOARD, $\frac{1}{8}$ " o/d x 22G x 4' 6" LONG, GROUP				1	T7		
	32/Q1917	PIPE, FROM BLEEDER VALVE TO FLANGED ADAPTOR AT PILOT'S FLOOR, FLIGHT ENGINEER'S PANEL, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7		
	33/Q1917	PIPE, FROM BLEEDER VALVE TO FLANGED ADAPTOR AT PILOT'S FLOOR, FLIGHT ENGINEER'S PANEL, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7		
	34/Q1917	PIPE, FROM BLEEDER VALVE TO FLANGED ADAPTOR AT PILOT'S FLOOR, FLIGHT ENGINEER'S PANEL, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7		
	35/Q1917	PIPE, FROM BLEEDER VALVE TO FLANGED ADAPTOR AT PILOT'S FLOOR, FLIGHT ENGINEER'S PANEL, $\frac{1}{8}$ " o/d x 22G x 6' 0" LONG, GROUP				1	T7		
	36/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO ADAPTOR AT PILOT'S FLOOR, IN FRONT CENTRE PORTION, $\frac{1}{8}$ " o/d x 22G x 5' 0" LONG, GROUP				1	T7		
	37/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO ADAPTOR AT PILOT'S FLOOR, IN FRONT CENTRE PORTION, $\frac{1}{8}$ " o/d x 22G x 5' 0" LONG, GROUP				1	T7		
	38/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO ADAPTOR AT PILOT'S FLOOR, IN FRONT CENTRE PORTION, $\frac{1}{8}$ " o/d x 22G x 5' 0" LONG, GROUP				1	T7		

SERVICES  
OIL PRESSURE

Ref. No.	Part No.	Description				No. off	Matl. Spéc.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	39/Q1917	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO ADAPTOR AT PILOT'S FLOOR, IN FRONT CENTRE PORTION, 1/2" o/d x 22G x 3' 0" LONG, GROUP				1	T7		
28F/10482	AGS1140/A	Plug, 1/4" BSP. ... ..				4	—	C C A C	
28F/6345	AGS954/A	Sleeve, outer, 3/8"				4	—		
6A/2601	—	Transmitter, pressure, 0/1600 lbs. sq. in.				4	—		
28V/8109	AGS949/A	Union ... ..				12	—		

SERVICES—OIL PRESSURE  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
6A	1967	4	28M	11292	48			
6A	2235	4						
6A	2601	4						
			28N	9896	60			
28F	6345	4						
28F	9735	4						
28F	10482	4						
28F	10491	6						
28F	10510	6	28V	8109	12			



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**SERVICES**  
**OIL SYSTEM**

Page QQ. 1

Ref. No.	Part No.	Description 1 2 3 4	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
<b>OIL SYSTEM ASSEMBLIES</b>						
<b>OIL SYSTEM, INBOARD ENGINE, PORT AND STARBOARD (P3097)</b>						
Spares for :—						
1381	8P2720	Adaptor, special, for filter	1	DTD423	C	
28F/9838	AGS1104/A	Adaptor, cone, $\frac{3}{4}$ "	1	—	C	
4910	21P2712	Adaptor, terminal, 1- $\frac{1}{4}$ " long, on feathering pump	2	BSS249	C	
1432	7P2720	Adaptor, feathering pump	1	DTD423	C	
1439	10P3568	Bolt, special, 2 BA x 2-21" long, attachment of filter to bulkhead	4	S1	C	
28D/9436920	A25/1/C	Bolt, 2 BA x .55" long, attachment of pipe clips to bulkhead	19	—	C	
28D/12630	A25/19/C	Bolt, 2 BA x 2-35" long, attachment of clips to subframe strut	1	—	C	
28D/13046	A25/19/E	Bolt, $\frac{1}{4}$ " BSF x 2-4" long, attachment of clip to subframe strut	1	—	C	
28D/1011299	A25/6/1	Bolt, $\frac{3}{8}$ " BSF x 1-25" long, attachment of feathering pump mounting to bulkhead	2	—	C	
1098	42P2660	<b>BRACKET, MOUNTING, RELIEF VALVE, PORT, GROUP</b>	1	—	C	
1099	43P2660	<b>BRACKET, MOUNTING, RELIEF VALVE, STARBOARD, GROUP</b>	1	—	C	
10785	16P3097	Clip, securing, vent pipe subframe	2	—	C	
10786	15P3097	Clip, securing, pipe to subframe	1	—	C	
28E/9128961	AGS605/1	Clip, hose at, $1\frac{1}{2}$ " dia., feathering pipe joints	6	—	C	
28E/9129092	AGS605/2	Clip, hose at, $1\frac{3}{4}$ " dia., feed pipe and joints	12	—	C	
13421	14/SS/3859	Clip, 1" dia., securing, vent pipe to subframe	1	—	C	
26DC/5254	18/SS/3859	Clip, $1\frac{1}{2}$ " dia., securing, pipe to lower subframe strut	1	—	C	
28F/9439103	5P3568	Coupling, pipe, $\frac{5}{8}$ " BSF, starboard	1	—	C	
	AGS1105/E	Coupling, pipe, $\frac{5}{8}$ " BSF, port	1	—	C	
13455	15P2782	<b>COVER, PUMP, FEATHERING, WATERPROOF, GROUP</b>	1	—	C	
10787	17P3097	<b>FAIRLEAD, BELOW TANK MOUNTING, GROUP</b>	1	—	C	
10788	14Q1956	<b>FAIRLEAD, FOR VENT AND FEATHERING PIPES AFT OF BULKHEAD, GROUP</b>	1	—	C	

SERVICES  
OIL SYSTEM

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		<b>OIL SYSTEM, INBOARD ENGINE, PORT AND STARBOARD (P3097) (Cont'd)</b>				
27M/610	—	Filter, oil, aft of bulkhead ... ..	1	—	A	
	28P2712	Hose, rubber, 1" i/d x 1 3/8" o/d x 2 1/2" long (Make from 32C/453)	2	DTD625		
	29P2712	Hose, rubber, 1" i/d x 1 3/8" o/d x 6 1/2" long (Make from 32C/453)	1	DTD625		
	30P2712	Hose, rubber, 1 1/4" i/d x 1 5/8" o/d x 2 1/2" long (Make from 32C/456)	3	DTD625		
	31P2712	Hose, rubber, 1 1/2" i/d x 1 7/8" o/d x 2 1/2" long (Make from 32C/455)	2	DTD625		
	32P2712	Hose, rubber, 1 3/8" i/d x 2 1/4" o/d x 2 1/2" long (Make from 32C/458)	2	DTD625		
		<b>MOUNTING, OIL TANK, INBOARD, PORT AND STARBOARD (F9371)</b>				
		Spares for :—				
	39F6824	Block, support, 10 1/4" x 3 1/2" x 1" thick ...	1	BSS668	LM	
28D/9436920	A/25/1/C	Bolt, 2 BA x .55" long, attachment of clips to mounting	7	—	C	
28D/12531	A/25/3/C	Bolt, 2 BA x .75" long, attachment of bracket to channel	5	—	C	
28D/1011038	A/25/3/E	Bolt, 1/4" BSF x .8" long, attachment of bracket to mounting	2	—	C	
28D/1008151	A/25/4/E	Bolt, 1/4" BSF x .9" long, attachment of support bracket	4	—	C	
	23F9371	Bracket, attachment, 7" x 4" x 14G ...	1	L72		
13421	14SS3859	Clip, pipe, 1 1/2" dia. ....	2	—	C	
28E/9128961	AGS605/1	Clip, hose, at 1 1/4" pipe joint ...	2	—	C	
	30P2712	Hose, rubber, 1 1/4" i/d x 1 5/8" o/d x 2 1/2" long (Make from 32C/455)	1	—		
10789	3F9371	<b>MOUNTING, FORWARD, PORT, GROUP</b>	1	—	C	
10790	4F9371	<b>MOUNTING, FORWARD, STARBOARD, GROUP</b>	1	—	C	
		Spares for :—				
1060	36F6824	<b>STRAP, TANK, GROUP ...</b>	1	—	C	
		Spares for :—				
	35S3617	Crosshead, RH. ....	2	S1		
10791	5F9371	<b>MOUNTING, REAR, PORT, GROUP</b>	1	—	C	
10792	6F9371	<b>MOUNTING, REAR, STARBOARD, GROUP</b>	1	—	C	
		Spares for :—				
1061	37F6824	<b>STRAP, TANK, GROUP ...</b>	1	—	C	
		Spares for :—				
	45S3617	Crosshead, LH. ....	2	S1		
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA. ....	20	—	C	
28M/10290	AGS2001/E/1	Nut, stiff, 1/4" BSF. ....	1	—	C	
10793	24F9371	Pipe, drain, 1" o/d x 20G, from filler basin	1	L56	C	
	35F6824	Plate, strap guard, 9 1/2" x 7" x 20G ...	1	L72	LM	

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OIL SYSTEM**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
1 2 3 4						
<b>MOUNTING, OIL TANK, INBOARD, PORT AND STARBOARD (F9371)</b> (Cont'd)						
28U/4054	34F6824	Plate, strap, retaining, 5½" x 1" x 18G ...	1	L72	LM	
28W/12245	SP/8Y/4	Turnbuckle, ½" BSF, adjusting straps ...	2	—	C	
28W/12252	SP10/C	Washer, thin, 2 BA. ...	4	—	C	
28W/12352	SP13/C	Washer, thin, 2 BA. ...	16	—	C	
28W/12352	SP10/E	Washer, thin, ½" BSF. ...	1	—	C	
<b>MOUNTING, FILTER, GROUP (5P3568)</b>						
Consisting of:—						
1536	5aP3568	Bracket, mounting ...	1	S3	C	
28P/870	SP/4Y/D12	Pin, ¼" dia. x .8" long ...	2	—	C	
28P/5032	AGS784/3	Pin, split ...	2	—	C	
1537	56P3568	<b>STRAP, GROUP...</b> ...	1	S3	C	
1538	5gP3568	<b>STRAP, GROUP...</b> ...	1	S3	C	
28M/10288	AGS2001/C/1	Nut, stiff, 2 BA. ...	24	—	C	
28M/10290	AGS2001/E/1	Nut, stiff, ¼" BSF. ...	3	—	C	
28M/10292	AGS2001/J/1	Nut, stiff, ⅜" BSF. ...	2	—	C	
28F/11367	AVIMO 352/35	Packing, pipe coupling (39SS3270) ...	2	—	C	
28F/11365	AVIMO 352/33	Packing, pipe coupling (37SS3270) ...	2	—	C	
28F/11368	AVIMO 52/36	Packing, pipe coupling (40SS3270) ...	2	—	C	
847	7P3568	Pad, mounting, cut-out switch ...	1	—	C	
8886	6P3097	<b>PIPE, FEATHERING, 1½" o/d x 20G, TANK TO JOINT, FORWARD OF FAIRLEAD, STARBOARD, GROUP</b>	1	T7	C	
8888	7P3097	<b>PIPE, FEATHERING, 1½" o/d x 20G x 48" LONG, JOINT TO FEATHERING PUMP, STARBOARD, GROUP</b>	1	T7	C	
8889	12P3097	Pipe, feathering, filter to feathering pump	1	T7	C	
8884	13P3097	<b>PIPE, FEATHERING, ⅝" o/d x 20G x 22" LONG, FILTER TO JOINT ON BULK-HEAD, GROUP</b>	1	T7	C	
8885	25P3097	<b>PIPE, FEATHERING, 1½" o/d x 20G, JOINT FORWARD OF FAIRLEAD TO TANK, PORT, GROUP</b>	1	T7	C	
8887	30P3097	<b>PIPE, FEATHERING RING, 1½" o/d x 20G x 78" LONG, PUMP TO JOINT, AFT BULKHEAD, PORT, GROUP</b>	1	T7	C	

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SERVICES  
OIL SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — M.R.	Plate and Illust'n No.
		1	2	3	4				
		<b>OIL SYSTEM, INBOARD ENGINE, PORT AND STARBOARD (P3097) (Cont'd)</b>							
8902	33P3097	PIPE, FEATHERING, VENT, $\frac{3}{8}$ " o/d x 22G x 19" LONG, ADAPTOR TO CUT-OUT SWITCH, PORT, GROUP				1	L56	C	
10088	42P3097	PIPE, FEATHERING, VENT, $\frac{3}{8}$ " o/d x 22G x 24" LONG, ADAPTOR TO CUT-OUT SWITCH, STARBOARD, GROUP				1	L56	C	
8891	4P3097	PIPE, FEED, $1\frac{1}{2}$ " o/d x 20G x 30" LONG, TANK TO JOINT, FORWARD OF FAIRLEAD, STARBOARD, GROUP				1	T7	C	
8893	20P3097	PIPE, FEED, $1\frac{1}{2}$ " o/d x 20G x 66" LONG, JOINT FORWARD OF FAIRLEAD, TO JOINT AT BULKHEAD, STARBOARD, GROUP				1	T7	C	
8890	26P3097	PIPE, FEED, $1\frac{1}{2}$ " o/d x 20G x 25" LONG, TANK TO JOINT, FORWARD OF FAIRLEAD, PORT, GROUP				1	T7	C	
8892	28P3097	PIPE, FEED, $1\frac{1}{2}$ " o/d x 20G x 42" LONG, JOINT FORWARD OF FAIRLEAD, TO JOINT ON BULKHEAD, PORT, GROUP				1	T7	C	
8895	8P3097	PIPE, RETURN, $1\frac{1}{2}$ " o/d x 20G x 48" LONG, JOINT FORWARD OF FAIRLEAD, TO FRONT SPAR, STARBOARD, GROUP				1	T7	C	
8894	27P3097	PIPE, RETURN, $1\frac{1}{2}$ " o/d x 20G x 48" LONG, TANK TO JOINT, FORWARD OF FAIRLEAD, PORT, GROUP				1	T7	C	
8896	29P3097	PIPE, RETURN, $1\frac{1}{2}$ " o/d x 20G x 72" LONG, JOINT FORWARD OF FAIRLEAD, TO JOINT ON BULKHEAD, PORT, GROUP				1	T7	C	
10794	40P3097	PIPE, RETURN, $1\frac{1}{2}$ " o/d x 20G x 33" LONG, JOINT FORWARD OF FAIRLEAD, TO JOINT ON BULKHEAD, STARBOARD, GROUP				1	T7	C	
8899	10P3097	PIPE, VENT, 1" o/d x 20G x 33" LONG, RELIEF VALVE, TO JOINT ON BULKHEAD, STARBOARD, GROUP				1	T7	C	
8901	11P3097	PIPE, VENT, 1" o/d x 20G x 60" LONG, JOINT FORWARD OF TANK MOUNTING, TO JOINT AT BULKHEAD, STARBOARD, GROUP				1	T7	C	

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OIL SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>OIL SYSTEM, INBOARD ENGINE, PORT AND STARBOARD (P3097) (Cont'd)</b>							
8898	31P3097	PIPE, VENT, 1" o/d x 20G x 30" LONG, FILLER BASIN, TO JOINT FORWARD OF TANK MOUNTING, PORT, GROUP				1	T7	C	
10087	41P3097	PIPE, VENT, 1" o/d x 20G x 60" LONG, JOINT AT BULKHEAD, TO JOINT FORWARD OF TANK MOUNTING, PORT, GROUP				1	T7	C	
28R/6856	AGS948/A	Plug, 1/8" BSP, on cut-out switch ... ..				1	—	C	
25L/6344	—	Pump, feathering, on bulkhead ... ..				1	—	A	
28F/11350	AVIMO 52/23	Ring, rubber, on 1" o/d pipe (26SS3270) ...				1	—	C	
28F/11352	AVIMO 52/25	Ring, rubber, on 1 1/2" o/d pipe (28SS3270) ...				1	—	C	
28F/11353	AVIMO 52/26	Ring, rubber, on 1 3/4" o/d pipe (29SS3270) ...				1	—	C	
5CW3153	—	Switch, differential, cut-out ... ..				1	—	A	
8047	21P2718	<b>TANK, OIL, WITH PROTECTIVE COVERING, PORT, GROUP</b> (See —Tanks—Oil)				1	—	A	
8048	22P2718	<b>TANK, OIL, WITH PROTECTIVE COVERING, STARBOARD, GROUP</b> (See —Tanks—Oil)				1	—	A	
28F/11195	AGS1109/N	Union, reducing, 1/2" x 3/8", below feathering pump				1	—	C	
26EA/32429	PP15857	Valve, relief ... ..				1	—	A	
1651	13P3568	Washer, jointing, on cut-out switch ...				1	L17	C	
28W/6562	26P2720	Washer, special ... ..				2	—	C	
28W/6770	AGS568/A	Washer, jointing, .39" i/d, on pump and cut-out switch				7	—	C	
28F/8225	AGS568/E	Washer, jointing, .90" i/d, on cut-out switch				2	—	C	
28W/12245	AGS1138/A	Washer, jointing, .39" i/d, on feathering pump				2	—	C	
28W/12252	SP10/C	Washer, thin, 2 BA. ... ..				9	—	C	
28W/12352	SP13/C	Washer, thin, 2 BA. ... ..				27	—	C	
28W/12700	SP10/E	Washer, thin, 1/4" BSF. ... ..				1	—	C	
	SP10/J	Washer, thin, 3/8" BSF. ... ..				2	—	C	

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Ref. No.	Part No.					No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. — M.R.	

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SERVICES  
OIL SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>OIL SYSTEM, OUTBOARD NACELLE, PORT AND STARBOARD (P3148)</b>									
Spares for :—									
28F/9838	AGS1104/A	Adaptor, cone, $\frac{3}{8}$ " on cut-out switch ...				1	—	C	
28D/9436920	A25/1/C	Bolt, 2 BA x .55" long, attachment of pipe clips to bulkhead				7	—	C	
28D/1011030	A25/2/E	Bolt, $\frac{1}{4}$ " BSF x .7" long, attachment of filter mounting to bulkhead				2	—	C	
28D/7282	A15Y/12/C	Bolt, 2 BA x 1-6" long, attachment of filter mounting				2	—	C	
28D/7289	A15Y/22/C	Bolt, 2 BA x 2-6" long, attachment of clips to subframe				2	—	C	
1652	9P2388	Clip, half, securing, relief valve to subframe				1	—	C	
1657	9P2712	Clip, securing, half clip to subframe ...				1	S3 & T35	C	
1655	25P2481	Clip, special, securing, filter neck to subframe				1	—	C	
1658	14P2712	Clip, securing, 1" pipe clip to subframe ...				1	—	C	
1654	24P2481	Clip, special, securing, filter neck to subframe				1	—	C	
1653	10P2481	Clip, half, securing, relief valve to subframe				1	—	C	
13711	10SS1861	Clip, half, securing, pipe to subframe, starboard				1	—	C	
	6SS1861	Clip, half, securing, pipe to subframe, port				1	—	C	
13421	14SS3859	Clip, pipe, securing, 1" pipe to subframe ...				1	—	C	
28E/9128961	AGS605/1	Clip, hose, securing, $1\frac{3}{8}$ " o/d hose to 1" pipe joint				6	—	C	
28E/9129092	AGS605/2	Clip, hose, securing, $1\frac{5}{8}$ " o/d hose to $1\frac{1}{4}$ " o/d pipe joint				8	—	C	
	28SS3270	Coupling, pipe, rubber, tank to pipe ...				1	—	C	
8908	7P3148	Dipstick, oil ...				1	L40	C	
2793	1P2801	<b>FILLER, NECK AND DRIP TRAY, GROUP</b>				1	—	C	
Spares for :—									
1661	AS2510	Cap, filler ...				1	—	C	
	11P3561	Clip, spring, for dipstick ...				1	—	C	
1663	AS1984	Ring, retaining ...				1	—	C	
	4P3561	Seating, filler ...				1	L16	C	
13273	21P1888	Socket, bonding ...				1	—	C	
27M/610	—	Filter, purcolator ...				1	—	A	
	12P3148	Hose, rubber, 1" i/d x $1\frac{3}{8}$ " o/d x 3" long (Make from 32C/453)				1	DTD625		

**SERVICES**  
**OIL SYSTEM**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		<b>OIL SYSTEM, OUTBOARD NACELLE, PORT AND STARBOARD (P3148) (Cont'd)</b>				
	27P2712	Hose, rubber, 1" i/d x 1 $\frac{3}{8}$ " o/d x 2 $\frac{1}{2}$ " long (Make from 32C/453)	1	DTD625		
	28P2712	Hose, rubber, 1" i/d x 1 $\frac{3}{8}$ " o/d x 2 $\frac{1}{2}$ " long (Make from 32C/453)	1	DTD625		
	30P2712	Hose, rubber, 1 $\frac{1}{4}$ " i/d x 1 $\frac{1}{2}$ " o/d x 2 $\frac{1}{2}$ " long (Make from 32C/455)	1	DTD625		
	31P2712	Hose, rubber, 1 $\frac{1}{2}$ " i/d x 1 $\frac{3}{4}$ " o/d x 2 $\frac{1}{2}$ " long (Make from 32C/456)	1	DTD625		
	32P2712	Hose, rubber, 1 $\frac{3}{4}$ " i/d x 2 $\frac{1}{4}$ " o/d x 2 $\frac{1}{2}$ " long (Make from 32C/458)	1	DTD625		
	33P2712	Hose, rubber, 2 $\frac{1}{2}$ " i/d x 3" long (Make from 32C/461)	1	DTD625		
		<b>MOUNTING AND PIPING FOR FILTER (P3568)</b>				
1381	8P2720	Adaptor, special, at filter...	1	—	C	
1439	10P3568	Bolt, 2 BA x 2.21" long, attachment of switch	4	S1	C	
		<b>BRACKET, MOUNTING, FILTER (5P3568)</b>				
		Consisting of :—				
1536	5aP3568	<b>BRACKET, MOUNTING, GROUP</b>	1	S3	C	
28P/870	SP4Y/D12	Pin, $\frac{1}{4}$ " dia. x .8" long ...	2	—	C	
28P/5032	AGS784/3	Pin, split ...	2	—	C	
1537	5bP3568	<b>STRAP, GROUP</b> ...	1	—	C	
1538	5gP3568	<b>STRAP, GROUP</b> ...	1	—	C	
		<b>MOUNTING, FEATHERING, PUMP (1P2800)</b>				
		Spares for :—				
4910	21P2712	Adaptor, terminal, 1.45" long ...	2	—	C	
13455	15P2782	<b>COVER, WATERPROOF, FOR FEATHERING PUMP, GROUP</b>	1	—	C	
	3P2800	Piece, packing, 1.13" x .6" ...	1	L72	C	
	2P2800	Plate, mounting, pump ...	1	L72	C	
25L/6344	—	Pump, feathering, c/w motor type, V1 De-Havilland, Ref. No. C2801/IHF	1	—	A	
		<b>MOUNTING, OIL TANK, PORT AND STARBOARD (P2496)</b>				
		Spares for :—				
28D/1011030	A2S/2/E	Bolt, $\frac{1}{4}$ " BSF x 7" long, attachment of vertical struts bracket	4	—	C	

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SERVICES  
OIL SYSTEM

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					St. M.R.	
1 2 3 4						
<b>MOUNTING, OIL TANK, PORT AND STARBOARD (P2496) (Cont'd)</b>						
28D/1011245	A25/10/E	Bolt, 1/4" BSF x 1 1/2" long, attachment of side clip to subframe	4	—	C	
28D/12548	A25/17/E	Bolt, 1/4" BSF x 2-2" long, attachment of bottom clip to subframe	4	—	C	
28D/12634	A25/18/E	Bolt, 1/4" BSF x 2-3" long, attachment of front support bracket to subframe	4	—	C	
	18P2150	Bracket, support, front ... ..	1	DTD124A		
	19P2150	Bracket, support, front ... ..	1	DTD124A		
1665	5P2496	Clip, bottom ... ..	4	—	C	
	17P2150	Clip, bottom, attachment to subframe ...	4	—		
	20P2150	Clip, side, attachment to engine subframe	2	—		
	5SS3782	Nut, hex.hd, 1/4" BSF. ... ..	16	—		
13081	1SS1945	Screw, adjusting, on straps ... ..	2	—	C	
1064	9P2496	<b>STRAP, BOTTOM, GROUP...</b> ... ..	2	—	C	
		Consisting of :—				
		Bolt, 2 BA x .55" long ... ..	4	—	C	
		Nut, 2 BA. ... ..	4	—	C	
28D/9436920	A25/1/C	Rivet, snap hd, 5/32" dia. x 1/4" long ...	6	—	C	
28M/9419526	A16Y/CP	Strap, end, fitting ... ..	2	S3	C	
28Q/1931	AS455/504	Strap, 22G x 2" x 21" long ... ..	1	DTD187	C	
1983	5bP1941					
	9aP2496					
1063	8P2496	<b>STRAP, TOP, GROUP</b> ... ..	2	—	C	
		Consisting of :—				
		Bolt, 2 BA x .55" long ... ..	2	—	C	
28D/9436920	A25/1C	Crosshead, RH. ... ..	2	—	C	
2234	7SS1944	Nut, 2 BA. ... ..	2	—	C	
28M/9419526	A16Y/CP	Rivet, snap hd, 5/32" dia. x 1/4" long ...	8	—	C	
28Q/1931	AS/455/504	Strap, end, fitting ... ..	1	S3	C	
1983	5bP1941	Strap, end, fitting ... ..	1	S3	C	
1984	SS1873	Strap, 22G x 2" x 24 3/4" long ... ..	1	DTD187	C	
	8aP2496					
	10P2189	<b>STRAP, TOP, GROUP</b> ... ..	2	—	C	
		Consisting of :—				
		Bolt, 2 BA x .55" long ... ..	2	—	C	
28D/9436920	A25/1C	Crosshead, LH.... ... ..	2	—	C	
1986	8SS1944	Nut, 2 BA. ... ..	2	—	C	
28M/9419526	A16Y/CP	Rivet, snap hd, 5/32" dia. x 1/4" long ...	8	—	C	
28Q/1931	AS455/504	Strap, end, fitting ... ..	1	S3	C	
1983	5bP1941	Strap, end, fitting ... ..	1	S3	C	
1984	SS1873	Strap, 22G x 2" x 28" long ... ..	1	DTD187	C	
	10aP2189					
7128	3P2496	Socket, for tube, rear ... ..	1	—	C	
7129	4P2496	Socket, for tube, rear ... ..	1	—	C	

**SERVICES**  
**OIL SYSTEM**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illusc'n No.
		1	2	3	4			M.R.	
<b>MOUNTING, OIL TANK, PORT AND BOARD (P2496) (Cont'd)</b>									
26EA/32597	3P2189	Strut, vertical, front, RH. ....				1	DTD563	C	
26EA/32600	6P2189	Strut, vertical, front, LH....				1	DTD563	C	
7819	18P2496	Strip, packing, 24 $\frac{3}{4}$ " x 2" x $\frac{1}{8}$ "				4	Langite	C	
7813	19P2496	Strip, packing, 28" x 2" x $\frac{1}{8}$ " thck				2	Langite	C	
13840	8P1847	Strip, bearing, tank straps				2	S3	C	
7119	6P2496	Tube, front. support, 1 $\frac{3}{4}$ " o/d x 22G				1	DTD563	C	
1432	7P2720	Nipple, reducing, at feathering pump				1	—	C	
28F/11365	AVIMO								
	352/33	Packing, pipe coupling (37SS3270)				2	—	C	
28F/11367	AVIMO								
	352/35	Packing, pipe coupling (39SS3270)				2	—	C	
847	7P3568	Pad, mounting, differential pressure switch				1	L33	C	
2795	16P2712	Pipe, drain, 1" o/d x 20G, filler basin to outlet, port				1	DTD310	C	
		Pipe, drain, 1" o/d x 20G, filler basin to outlet, starboard				1	DTD310	C	
1365	5cP2712	PIPE, FEATHERING, 1 $\frac{1}{2}$ " o/d x 20G x 31' LONG, PUMP TO TANK, GROUP				1	T7	C	
8904	6P3148	Pipe, feed, flexible, 25 $\frac{1}{2}$ " long, feathering pump to filter				1	971/07	C	
8905	3F3148	PIPE, FEED, 1 $\frac{1}{2}$ " o/d x 20G x 32' LONG, TANK TO JOINT AT BULKHEAD, GROUP				1	T7	C	
8907	5P3148	PIPE, FEED, $\frac{5}{8}$ " o/d x 20G x 34' LONG, FILTER TO JOINT AT BULKHEAD, GROUP				1	T7	C	
8906	4P3148	PIPE, VENT, $\frac{3}{8}$ " o/d x 22G x 38" LONG, PRESSURE SWITCH TO UNION ON BULKHEAD, PORT, GROUP				1	L56	C	
	11P3148	PIPE, VENT, $\frac{3}{8}$ " o/d x 22G x 35" LONG, PRESSURE SWITCH TO UNION ON BULKHEAD, STARBOARD, GROUP				1	L56	C	
10795	8P3148	PIPE VENT, 1" o/d x 20G, JOINT AT BULKHEAD TO OUTLET, STARBOARD, GROUP				1	T7	C	
3982	12P2939	PIPE, VENT, 1" o/d x 20G, JOINT AT BULKHEAD TO OUTLET, PORT, GROUP				1	T7	C	
28F/11350	AVIMO								
	52/23	Ring, rubber, pipe coupling (26SS3270)				1	—	C	
28F/11352	AVIMO								
	52/25	Ring, rubber, pipe coupling (28SS3270)				1	—	C	

SERVICES  
OIL SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>OIL SYSTEM, OUTBOARD NACELLE, PORT AND STARBOARD (P3148)</b>							
5CW/4737	—	Switch, pressure, cut-out ... ..				1	—	A	
4014	1P2882	<b>TANK, OIL, WITH PROTECTIVE COVERING, PORT, GROUP</b> (See:—Tanks—Oil)				1	—	A	
4015	2P2882	<b>TANK, OIL, WITH PROTECTIVE COVERING, STARBOARD, GROUP</b> (See:—Tanks—Oil)				1	—	A	
	ROLLS ROYCE								
26E/13548	PP15857	Valve, relief ... ..				1	—	A	
28W/12296	SP/15/C	Washer, thin, 2 BA. ... ..				20	—	C	
28W/12252	SP/13/C	Washer, thin, 2 BA. ... ..				3	—	C	
28W/12352	SP/10/E	Washer, thin, 1/4" BSF. ... ..				2	—	C	

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. — M.R.	Plate and Illust'n No.
		1	2	3	4				

SERVICES—OIL SYSTEM  
SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
5CW	4737	1	28E	8183	14	28P	870	4
5CW	3153	1	28E	8184	20	28P	5032	4
.25L	6344	2				28Q	1931	23
			28F	8225	2			
27M	610	2	22F	8870	1	28R	6856	1
28D	7782	2				28W	6562	7
28D	7789	2	28M	9838	1	28W	6770	2
28D	12512	41	28F	11350	2	28W	12245	13
28D	12516	6	28M	11352	2	28W	12252	37
28D	12518	6	28F	11195	1	28W	12296	20
28D	12519	2	28F	11353	1	28W	12700	2
28D	12520	4	28F	11365	4			
28D	12531	5	28F	11367	4			
28D	12548	4	28F	11368	1			
28D	12553	2	28M	5316	9			
28D	12569	4	28M	10288	25	28U	4054	1
28D	12630	1						
28D	12634	4	28M	10290	4			
28D	13046	1	28M	10292	2			



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SERVICES  
OXYGEN

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>OXYGEN SYSTEM (Z7739) (Q1949) (Q1950)</b>							
		Spares for :—							
6D/575	—	Adaptor, 2-way, for pipes to regulator	...	...	2	—	B		
26DD/10095	AA/SS855	Adaptor, flanged, in H.P. line to filter	...	...	2	—	C		
6D/1398/J	—	Cylinder, oxygen	...	...	8	—	A		
		<b>INSTALLATION OF AUXILIARY OXYGEN SYSTEM (Z9860) (Mod. 815)</b>							
		Spares for :—							
28F/11562	AGS1111/BB	Adaptor, $\frac{5}{16}$ " on floor	...	...	1	—	C		
	6Z9860	<b>GUARD, OXYGEN UNIT, GROUP...</b>				1	—		
28F/7839	AGS900/5	Nipple, for pipe at oxygen unit	...	...	1	—	C		
	533Z7739	<b>PIPE, ADAPTOR ON FLOOR TO UNIT, GROUP</b>				1	DTD323A		
	5Z9860	<b>STAND, MOUNTING, GROUP</b>				1	—		
	2Z9860	<b>UNIT, AUXILIARY OXYGEN, GRP.</b>				1	—		
		Spares for :—							
28F/13603	AGS838/8	Bush	...	...	16	—	C		
28E/8182	AGS605/0	Clip, pipe	...	...	8	—	C		
	3Z9860	<b>CRATE, OXYGEN, GROUP</b>				1	—		
		Spares for :—							
28F/13603	AGS838/8	Bush	...	...	40	—	C		
	4Z9860	<b>CRATE, LESS EQUIPMENT, GRP.</b>				1	—		
28F/5107	AGS838/3	Elbow, union	...	...	6	—	C		
6D/1598	—	Flowmeter	...	...	4	—	A		
6D/515	—	Manifold	...	...	1	—	C		
28F/5108	AGS838/4	Nut, union	...	...	40	—	C		
	538Z7739	Pipe, No. 1 flowmeter to cut-off valve	...	...	1	DTD323A			
	539Z7739	Pipe, cut-off valve to elbow in line to No. 2 flowmeter	...	...	1	DTD323A			
	540Z7739	Pipe, elbow to No. 2 flowmeter	...	...	1	DTD323A			
	541Z7739	Pipe, elbow to No. 4 flowmeter	...	...	1	DTD323A			
	543Z7739	Pipe, elbow in line to No. 4 flowmeter to cut-off valve	...	...	1	DTD323A			
	542Z7739	Pipe, cut-off valve to No. 3 flowmeter	...	...	1	DTD323A			
	544Z7739	Pipe, manifold to No. 3 cut-off valve	...	...	1	DTD323A			

SERVICES

OXYGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		<b>CRATE, AUXILIARY OXYGEN (3Z9860) (Cont'd)</b>				
	545Z7739	Pipe, manifold to No. 1 cut-off valve	1	DTD323A		
	546Z7739	Pipe, No. 1 flowmeter to union	1	DTD323A		
	547Z7739	Pipe, No. 2 flowmeter to union	1	DTD323A		
	548Z7739	Pipe, No. 3 flowmeter to union	1	DTD323A		
	549Z7739	Pipe, No. 4 flowmeter to union	1	DTD323A		
28F/5104	AGS838/1	Union, 5/16" pipe	12	—	C	
6D/480	—	Valve, cut-off	4	—	A	
6D/1444	—	Economiser, oxygen	4	—	A	
28F/5104	AGS838/4	Nut, union	16	—	C	
	534Z7739	Pipe, elbow to No. 3 economiser	1	DTD323A		
	535Z7739	Pipe, elbow to No. 1 economiser	1	DTD323A		
	536Z7739	Pipe, elbow to No. 4 economiser	1	DTD323A		
	537Z7739	Pipe, elbow to No. 5 economiser	1	DTD323A		
6D/527	—	Socket, bayonet	4	—	C	
6D/533	—	Tube, flexible, for economiser	4	—	B	
		<b>MOUNTING, ECONOMISER AT PORT OBSERVER'S STATION (Z9180)</b>				
		Spares for:—				
28F13603	AGS838/8	Bush	2	—	C	
28E/8182	—	Clip, hose	1	—	C	
6D/1444	—	Economiser, oxygen	1	—	A	
28F/5107	AGS838/3	Elbow, union	1	—	C	
6D/533	—	Pipe, flexible, at economiser	1	—	B	
	260Z7739	Pipe, elbow to economiser, 5/16" o/d x 22G x 18" long	1	DTD323A		
6D/527	—	Socket, bayonet	1	—	C	
	263Z7739	Pipe, adaptor at former B to teepiece between formers 3 and 4, below floor, 5/16" o/d x 22G x 96"	1	DTD323A		
	350Z7739	Pipe, adaptor at former "B" to union, 5/16" o/d x 22G x 14"	1	DTD323A		
	348Z7739	Pipe, tee piece to union between formers 3 and 4 below floor, 5/16" o/d x 22G x 10"	1	DTD323A		
	347Z7739	Pipe, union to flanged adaptor between formers 3 and 4 below floor, 5/16" o/d x 22G x 29"	1	DTD323A		
	266Z7739	Pipe, tee-piece between formers 3 and 4, to tee-piece aft. of front spar in bomb bay, 5/16" o/d x 22G x 51"	1	DTD323A		
	274Z7739	Pipe, tee-piece aft. of front spar to union aft. of former 11 in bomb bay, 5/16" o/d x 22G x 76"	1	DTD323A		

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## SERVICES

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## OXYGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust No.
					St.	
		1 2 3 4			M.R.	
	337Z7739	Pipe, manifold to union aft of rear spar in bomb bay, $\frac{5}{16}$ " o/d x 22G x 78"	1	DTD323A		
	336Z7739	PIPE, TEE-PIECE TO MANIFOLD IN BOMB BAY, $\frac{5}{16}$ " o/d x 22G x 11' LONG, GROUP	1	DTD323A		
	397Z7739	PIPE, UNION, AFT OF REAR SPAR TO ADAPTOR AT FLOOR BETWEEN FORMERS 14 AND 15, $\frac{5}{16}$ " o/d x 22G x 51" LONG, GROUP	1	DTD323A		
12828	269Z7739	PIPE, UNION AT FORMER 12 TO 4WAY PIECE, BETWEEN FORMERS 17 AND 18 IN BOMB BAY, $\frac{5}{16}$ " o/d x 22G x 95" LONG, GROUP	1	DTD323A		
	334Z7739	PIPE, 4-WAY PIECE TO UNION BETWEEN FORMERS 21 AND 22 IN BOMB BAY, $\frac{5}{16}$ " o/d x 22G x 66" LONG, GROUP	1	DTD323A		
	364Z7739	PIPE, UNION TO ADAPTOR AT FORMER 22 IN BOMB BAY, $\frac{5}{16}$ " o/d x 22G x 16" LONG, GROUP	1	DTD323A		
	532Z7739	PIPE, 4-WAY PIECE TO ADAPTOR BETWEEN FORMERS 17 AND 18 IN BOMB BAY, STARBOARD, $\frac{5}{16}$ " o/d x 22G, GRP. (Mod. 815)	1	DTD323A		
	533Z7739	PIPE, ADAPTOR BETWEEN FORMERS 17 AND 18 TO MANIFOLD IN BOMB BAY, STARBOARD, GROUP (Mod. 815)	1	DTD323A		
	338Z7739	PIPE, TEE-PIECE (Pre-Mod. 815) 4-WAY PIECE (Mod. 815) TO ADAPTOR BETWEEN FORMERS 17 AND 18, PORT, IN BOMB BAY, $\frac{5}{16}$ " o/d x 22G x 17" LONG, GROUP	1	DTD323A		
	366Z7739	PIPE, ADAPTOR AT FORMER 22 TO ADAPTOR AT FORMER 24, PORT, IN SCANNER BAY, $\frac{5}{16}$ " o/d x 22G x 62" LONG, GROUP	1	DTD323A		
	327Z7739	PIPE, ADAPTOR AT FORMER 24 TO MANIFOLD, FORMER 25, PORT, IN SCANNER BAY, $\frac{5}{16}$ " o/d x 22G x 53" LONG, GROUP	1	DTD323A		
	295Z7739	Pipe, manifold to adaptor at former 27, port, $\frac{5}{16}$ " o/d x 22G x 48" long	1	DTD323A		

## SERVICES

## OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	289Z7739	Pipe, manifold to adaptor at former 27, port, $\frac{5}{16}$ " o/d x 22G x 52" long				1	DTD323A		
	290Z7739	Pipe, manifold to union at former 27, port, $\frac{5}{16}$ " o/d x 22G x 46" long				1	DTD323A		
	346Z7739	Pipe, union to union, along former 27, $\frac{5}{16}$ " o/d x 22G x 44"				1	DTD323A		
	378Z7739	Pipe, union below floor at former 27 to union above floor at former 24, starboard, $\frac{5}{16}$ " o/d x 22G x 72"				1	DTD323A		
	349Z7739	Pipe, adaptor at former 27 to adaptor on duct, $\frac{5}{16}$ " o/d x 22G x 8" long				1	DTD323A		
	368Z7739	Pipe, adaptor at former 27 to adaptor on duct, $\frac{5}{16}$ " o/d x 22G x 8" long				1	DTD323A		
	367Z7739	Pipe, adaptor on duct to union between formers 28 and 29, $\frac{5}{16}$ " o/d x 22G x 44" long				1	DTD323A		
	369Z7739	Pipe, adaptor on duct to union between formers 28 and 29, $\frac{5}{16}$ " o/d x 22G x 44" long				1	DTD323A		
	288Z7739	Pipe, union between formers 28 and 29 to adaptor aft of former 29, $\frac{5}{16}$ " o/d x 22G x 19"				1	DTD323A		
	112Z7739	<b>PIPE, FLANGED ADAPTOR TO BLANKING PLUG AT FORMER "A", <math>\frac{3}{8}</math>" o/d x 22G x 68", GROUP</b>				1	T51		
	AT38997	Pipe, H.P. cylinder interconnection ... ..				2	BSS.T51		
	AT38859	Pipe, H.P. cylinder interconnection ... ..				12	BSS.T51		
	AT38860	Pipe, H.P. cylinder interconnection ... ..				2	BSS.T51		
	AT38861	Pipe, H.P., tee-piece to line valve ... ..				1	BSS.T51		
	AT38862	Pipe, H.P., charging valve to tee-piece... ..				1	—		
	AT38863	Pipe, H.P. line valve to blanking plug ... ..				1	BSS.T51		
	AT38864	Pipe, H.P., from charging valve ... ..				1	BSS.T51		
	286Z7739	Pipe, economiser at observer's station, starboard, $\frac{5}{16}$ " o/d x 22G x 29"				1	DTD323A		
	287Z7739	Pipe, flowmeter to cut-off valve, at observer's station, starboard, $\frac{5}{16}$ " o/d x 22G x 7"				1	DTD323A		
	311Z7739	Pipe, manifold to adaptor on floor at radar station, $\frac{5}{16}$ " o/d x 22G x 66"				1	DTD323A		
	312Z7739	Pipe, manifold to adaptor on floor at radar station, $\frac{5}{16}$ " o/d x 22G x 41"				1	DTD323A		
	362Z7739	Pipe, flanged adaptor on former "B" bulkhead to cut-off in line from manifold, $\frac{5}{16}$ " o/d x 22G x 10"				1	DTD323A		

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OXYGEN

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Ref. No.	Part No.	Description	No. off	Mati. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
	363Z7739	Pipe, flanged adaptor at former " B " bulkhead to cut-off valve, in line from flowmeter, $\frac{5}{16}$ " o/d x 22G x 10"	1	DTD323A		
	370Z7739	Pipe, union forward of former 29 to union forward of former 34, $\frac{5}{16}$ " o/d x 22G x 13"	1	DTD323A		
	371Z7739	Pipe, union forward, of former 34 to flanged adaptor at former 34, $\frac{5}{16}$ " o/d x 22G x 78"	1	DTD323A		
	373Z7739	Pipe, cut-off valve to flowmeter at port observer's station, $\frac{5}{16}$ " o/d x 22G x 11"	1	DTD323A		
	379Z7739	Pipe, flowmeter to elbow at port observer's station, $\frac{5}{16}$ " o/d x 22G x 21"	1	DTD323A		
	382Z7739	Pipe, cut-off valve to flexible pipe at sono-buoy station, $\frac{5}{16}$ " o/d x 22G x 24"	1	DTD323A		
	383Z7739	Pipe, cut-off valve to flexible pipe in line from manifold, at sono-buoy station, $\frac{5}{16}$ " o/d x 22G x 23"	1	DTD323A		
	232Z7739	Pipe, adaptor at floor to union below bunks, $\frac{5}{16}$ " o/d x 22G x 41"	1	DTD323A		
	372Z7739	Pipe, union to cut-off valve at port observer's station, $\frac{5}{16}$ " o/d x 22G	1	DTD323A		
		<b>PIPING, IN FUSELAGE NOSE PORTION, STARBOARD (Z8603)</b>				
		Spares for:—				
28F/13603	AGS838/8	Bush ... ..	28	—	C	
28E/8182	AGS605/0	Clip, flexible pipe ... ..	2	—	C	
6D/1444	—	Economiser ... ..	2	—	A	
	3Z8603	Fairlead, half ... ..	2	—	A	
	2Z8603	<b>FAIRLEAD, 2—PIPE, ON FORMER " K ", GROUP</b>	3	—		
6D/743	—	Flowmeter ... ..	2	—	A	
28F/5108	AGS838/4	Nut, union ... ..	28	—	C	
	395Z7739	Pipe, cut-off valve to adaptor on trough, $\frac{5}{16}$ " o/d x 22G	1	DTD323A		
	396Z7739	Pipe, cut-off valve to flowmeter, $\frac{5}{16}$ " o/d x 22G	1	DTD323A		
	332Z7739	Pipe, cut-off valve to flowmeter top, at former " K ", $\frac{5}{16}$ " o/d x 22G x 6" long	1	DTD323A		
	330Z7739	Pipe, bottom flowmeter to forward economiser former " K ", $\frac{5}{16}$ " o/d x 22G x 14"	1	DTD323A		
	392Z7739	Pipe, elbow to trough, former " K " $\frac{5}{16}$ " o/d x 22G x 17"	1	DTD323A		
	256Z7739	Pipe, elbow to union, former " K ", $\frac{5}{16}$ " o/d x 22G x 26"	1	DTD323A		

## SERVICES

## OXYGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		<b>PIPING IN FUSELAGE NOSE PORTION, STARBOARD (Z8603) (Cont'd)</b>				
	333Z7739	Pipe, aft economiser to union former "K", $\frac{5}{16}$ " o/d x 22G x 25"	1	DTD323A		
	253Z7739	Pipe, union to top cut-off valve, former "K", $\frac{5}{16}$ " o/d x 22G x 27"	1	DTD323A		
	342Z7739	Pipe, union to top flowmeter former "K", $\frac{5}{16}$ " o/d x 22G x 32"	1	DTD323A		
6D/531	—	Pipe, flexible, at economisers	2	—	B	
6D/527	—	Socket, bayonet	2	—	C	
6D/480	—	Valve, cut-off	2	—	A	
		<b>PIPING IN BOMB AIMERS AND GUNNERS DUCTS (Z8163)</b>				
		Spares for :—				
	SS3923	Adaptor, bulkhead, flanged	2	—		
6D/428	—	Cap, blanking, at manifold	2	—	C	
6D/515	—	Manifold	1	—	C	
	335Z7739	PIPE, FLANGED ADAPTOR TO MANIFOLD, $\frac{5}{16}$ " o/d x 22G x 12", GROUP	1	DTD323A		
	255Z7739	PIPE, FLANGED ADAPTOR TO MANIFOLD, $\frac{5}{16}$ " o/d x 22G x 10", GROUP	1	DTD323A		
	343Z7739	PIPE, UNION TO UNION, $\frac{3}{8}$ " o/d x 22G x 62", GROUP	1	DTD323A		
	340Z7739	PIPE, MANIFOLD TO UNION, $\frac{5}{16}$ " o/d x 22G x 25", GROUP	1	DTD323A		
		<b>PIPING TO 2ND PILOT'S AND FLIGHT ENGINEER'S OXYGEN POINTS AT FORMER "B" (Z9122)</b>				
		Spares for :—				
	4Z9122	Adaptor, on 2nd Pilot's floor	1	—		
28F/13603	AGS838/8	Bush	22	—	C	
6D/428	—	Cap, blanking manifold	2	—	C	
28F/5107	AGS838/3	Elbow, union	1	—	C	
	4Z8529	FAIRLEAD, FOR PIPES TO FLOWMETER, GROUP	1	—		
	5Z8529	FAIRLEAD, FOR PIPES BELOW ENGINEER'S TABLE, GROUP	1	—		
	6Z8529	FAIRLEAD, FOR PIPES TO REGULATOR PANEL, GROUP	3	—		
6D/1660	—	Filter	1	—	A	
6D/743	—	Flowmeter	1	—	A	
6D/515	—	Manifold	1	—	C	

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**SERVICES  
OXYGEN**

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Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St. M.R.	Place and Illust'n No.
		1	2	3	4				
		<b>PIPING TO 2ND PILOT'S AND FLIGHT ENGINEER'S OXYGEN POINTS AT FORMER "B" (Z9122) (Cont'd)</b>							
28F/5108	AGS838/4					22	—	C	
6D/532	—					1	—	B	
6D/531	—					1	—	B	
	361Z7739					1	DTD323A		
	339Z7739					1	DTD323A		
	257Z7739					1	DTD323A		
	258Z7739					1	DTD323A		
	292Z7739					1	DTD323A		
	360Z7739					1	DTD323A		
	381Z7739					1	DTD323A		
	310Z7739					1	DTD323A		
	321Z7739					1	DTD323A		
	201Z7739					1	DTD477		
	328Z7739					1	DTD323A		
9573	124Z7739					1	T51	C	
	177Z7739					1	T51		
	117Z7739					1	T51		

SERVICES

OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPING TO 2ND PILOT'S AND FLIGHT ENGINEER'S OXYGEN POINTS AT FORMER "B" (Z9122) (Cont'd)</b>							
	393Z7739	Pipe, manifold to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 25"				1	DTD323A		
	394Z7739	Pipe, flowmeter to 2nd Pilot's economiser, $\frac{5}{16}$ " o/d x 22G x 28"				1	DTD323A		
	530Z7739	<b>PIPE, H.P. OXYGEN VALVE TO FILTER, <math>\frac{1}{16}</math>" o/d x 22G x 9", GROUP</b>				1	T51		
6D/527	—	Socket, bayonet ... ..				2	—	C C C C C A	
28F/8295	AGS1118/BB	Tee-piece, $\frac{5}{16}$ " B.S.P. ... ..				1	—		
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe ... ..				6	—		
6D/575	—	Union ... ..				1	—		
28F/8294	AGS1102/BB	Union, $\frac{5}{16}$ " B.S.P. ... ..				1	—		
6D/480	—	Valve, cut-off ... ..				1	—		
		<b>PIPING, BELOW FLOOR IN FRONT CENTRE PORTION (Q1949)</b>							
		Spares for :—							
	3SS4295	Adaptor, flanged at second pilot's floor ...				1	—		
	339Z7739	<b>PIPE, FLANGED ADAPTOR TO UNION IN NOSE WHEEL BAY, STARBOARD, <math>\frac{5}{16}</math>" o/d x 22G, GROUP</b>				1	DTD323A		
	344Z7739	<b>PIPE, UNION TO UNION, NOSE WHEEL BAY, STARBOARD, <math>\frac{5}{16}</math>" o/d x 22G x 57", GROUP</b>				1	DTD323A		
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe ... ..				1	—	C	
		<b>PIPING ON WIRELESS OPERATOR'S BULKHEAD (D10172)</b>							
		Spares for :—							
28F/11562	AGS1111/BB	Adaptor, $\frac{5}{16}$ " ... ..				2	—	C C C A A C C	
28F/13603	AGS838/8	Bush ... ..				22	—		
6D/428	—	Cap, blanking on manifold ... ..				2	—		
6D/1444	—	Economiser ... ..				2	—		
6D/1598	—	Flowmeter ... ..				1	—		
6D/515	—	Manifold ... ..				1	—		
28F/5108	AGS838/4	Nut, union ... ..				22	—		
	323Z7739	<b>PIPE, MANIFOLD TO TEE-PIECE, <math>\frac{5}{16}</math>" o/d x 22G x 9", GROUP</b>				1	DTD323A		
	341Z7739	<b>PIPE, ADAPTOR AT TABLE TO ADAPTOR AT FLOOR, <math>\frac{5}{16}</math>" o/d x 22G x 20", GROUP</b>				1	DTD323A		

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SERVICES  
OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of Sc.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>PIPING ON WIRELESS OPERATOR'S BULKHEAD (D10172) (Cont'd)</b>									
	351Z7739	Pipe, elbow to manifold, $\frac{5}{16}$ " o/d x 20" long				1	DTD323A		
	325Z7739	Pipe, flowmeter to elbow, $\frac{5}{16}$ " o/d x 22G x 4"				1	DTD323A		
	326Z7739	Pipe, cut-off valve to elbow, $\frac{5}{16}$ " o/d x 22G x 21"				1	DTD323A		
	259Z7739	Pipe, elbow to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 19"				1	DTD323A		
	322Z7739	Pipe, manifold to first pilot's economiser, $\frac{5}{16}$ " o/d x 22G x 29"				1	DTD323A		
	355Z7739	Pipe, elbow to elbow on forward face of bulkhead, $\frac{5}{16}$ " o/d x 22G x 27" long				1	DTD323A		
	352Z7739	Pipe, flowmeter to radio ops. economiser, $\frac{5}{16}$ " o/d x 22G x 31"				1	DTD323A		
	356Z7739	Pipe, tee-piece to adaptor, $\frac{5}{16}$ " o/d x 22G x 32"				1	DTD323A		
	357Z7739	Pipe, tee-piece to regulator on engineer's bulkhead, $\frac{5}{16}$ " o/d x 22G x 89"				1	DTD323A		
6D/532	—	Pipe, flexible, at economisers				2	—	B	
6D/527	—	Socket, bayonet				2	—	C	
6D/480	—	Valve, cut-off				1	—	A	
<b>PIPING ON NAVIGATOR'S TABLE (48Z7781)</b>									
Spares for :—									
28F/5109	AGS838/5	Bush				4	—	C	
6D/1444	—	Economiser				2	—	A	
28F/5107	AGS838/3	Elbow, union				3	—	C	
26DC/4919	25Z3224	<b>FAIRLEAD, 2-PIPE, GROUP</b>				5	—		
28F/5108	AGS838/4	Nut, union				4	—	C	
6D/532	—	Pipe, flexible				2	—	B	
	358Z7739	Pipe, aft cut-off valve to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 23"				1	DTD323A		
	359Z7739	Pipe, forward cut-off valve to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 23"				1	DTD323A		
6D/527	—	Socket, bayonet				2	—	C	
6D/480	—	Valve, oxygen cut-off				2	—	A	

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## OXYGEN

Ref. No.	Part No.	Description	No. off	Mati. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		<b>PIPING AT NAVIGATOR'S STATION BETWEEN FORMERS 2 AND 6 (Z9126)</b>				
		Spares for :—				
28F/13603	AGS838/8	Bush	18	—	C	
6D/428	—	Cap, blanking, at manifold	2	—	C	
28F/5107	AGS838/3	Elbow, union	3	—	C	
6D/515	—	Manifold	1	—	C	
28F/5108	AGS/838/A	Nut, union	18	—	C	
	556Z7739	Pipe, flexible, copper braided, $\frac{1}{2}$ " o/d x $\frac{1}{4}$ " i/d x 15", pipe at manifold to pipe in line to cut-off valves (Mod. 900)	2	DTD625A		
	325Z7739	Pipe, manifold to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 4"	2	DTD323A		
	376Z7739	Pipe, elbow below top shelf to flexible pipe in line to forward economiser, $\frac{5}{16}$ " o/d x 22G x 38"	1	DTD323A		
	377Z7739	Pipe, elbow below top shelf to flexible pipe in line to forward economiser, $\frac{3}{8}$ " o/d x 22G x 40"	1	DTD323A		
	384Z7739	Pipe, elbow below top shelf to flexible pipe in line to aft economiser, $\frac{5}{16}$ " o/d x 22G x 40"	1	DTD323A		
	385Z7739	Pipe, elbow below top shelf to flexible pipe in line to aft economiser, $\frac{5}{16}$ " o/d x 22G x 40"	1	DTD323A		
	380Z7739	<b>PIPE, UNION AT FLOOR TO MANIFOLD, <math>\frac{5}{16}</math>" o/d x 22G x 19", GROUP</b>	1	DTD323A		
	265Z7739	Pipe, forward cut-off valve to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 26"	1	DTD323A		
	317Z7739	Pipe, forward economiser to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 21"	1	DTD323A		
	320Z7739	Pipe, aft economiser to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 26"	1	DTD323A		
	264Z7739	Pipe, aft cut-off valve to flexible pipe, $\frac{5}{16}$ " o/d x 22G x 48"	1	DTD323A		
	230Z7739	Pipe, flexible, copper braided, $\frac{1}{2}$ " i/d x $\frac{1}{2}$ " o/d x 18", for pipes from economisers	4	—		
28F/5105	AGS838/2	Tee-piece	2	—	C	
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe	1	—	C	

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**SERVICES  
OXYGEN**

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>PIPING ON BULKHEAD AT FORMER 9 (64T3991)</b>									
Spares for :—									
28F/13603	AGS838/8	Bush	...	...	...	15	—	C	
11112	47T3991	Connector, pipe	...	...	...	4	L65	C	
28F/5107	AGS838/3	Elbow, union body	...	...	...	6	—	C	
	54T3991	<b>FAIRLEAD, 2-PIPE, GROUP</b>	...	...	...	3	—		
	44T3991	<b>FAIRLEAD, ONE PIPE, GROUP</b>	...	...	...	1	—		
12533	3SS4327	Ferrule, for 2-pipe fairlead attachment	...	...	...	3	—	C	
28F/5108	AGS838/4	Nut, union	...	...	...	15	—	C	
1110	62T3991	Pipe, flexible, copper braided, 1/4" i/d x 6", connector to economiser, aft of bulkhead	...	...	...	1	DTD251	B	
	557Z7739	Pipe, flexible, copper braided, 5/8" i/d x 6", from connectors below bottom shelf (Mod. 900)	...	...	...	2	DTD625A		
	313Z7739	Pipe, connection at floor to lower connector below bottom shelf, 5/8" o/d x 22G x 28"	...	...	...	1	DTD323A		
	267Z7739	Pipe, upper connector below bottom shelf to elbow, 5/8" o/d x 22G x 20"	...	...	...	1	DTD323A		
	268Z7739	Pipe, elbow to elbow below top shelf, 5/8" o/d x 22G x 48"	...	...	...	1	DTD323A		
	315Z7739	Pipe, outboard connector to flexible pipe at Sono-Buoy economiser, 5/8" o/d x 22G x 52"	...	...	...	1	DTD323A		
28F/5104	AGS838/1	Union, straight	...	...	...	1	—	C	
9875	3SS4328	Washer, fairlead attachment...	...	...	...	3	—	C	
<b>PIPING ON BULKHEAD AT FORMER 10 (T3990)</b>									
Spares for :—									
28E/8182	—	Clip, pipe	...	...	...	1	—	C	
6D/1444	—	Economiser	...	...	...	1	—	A	
28F/5107	AGS838/3	Elbow, union	...	...	...	2	—	C	
6D/532	—	Pipe, flexible	...	...	...	1	—	B	
	416Z7739	Pipe, union at floor to cut-off valve, 5/8" o/d x 22G x 29"	...	...	...	1	DTD323A		
6D/527	—	Socket, bayonet	...	...	...	1	—	C	
28F/5104	AGS838/1	Union, 5/8" pipe	...	...	...	1	—	C	
6D/480	—	Valve, cut-off	...	...	...	1	—	A	

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## OXYGEN

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
<b>PIPING ON NAVIGATOR'S TOP SHELF (Z8001)</b>						
Spares for :—						
28F/13603 28F/5107	AGS838/8	Bush ... ..	16	—	C	
	AGS838/3	Elbow, union ... ..	6	—		
	22Z8001	<b>FAIRLEAD, 2-PIPE, GROUP</b> ... ..	6	—		
6D/1598 28F/5108	—	Flowmeter ... ..	2	—	A C	
	AGS838/4 353Z7739	Nut, union ... ..	16	—		
	354Z7739	Pipe, aft flowmeter to elbow, $\frac{5}{16}$ " o/d x 22G x 51"	1	DTD323A		
	374Z7739	Pipe, aft flowmeter to elbow, $\frac{5}{16}$ " o/d x 22G x 51"	1	DTD323A		
	375Z7739	Pipe, forward flowmeter to union, $\frac{1}{8}$ " o/d x 22G x 30"	1	DTD323A		
28F/5104	AGS838/1	Pipe, forward flowmeter to union, $\frac{5}{16}$ " o/d x 22G x 31"	1	DTD323A		
		Union, $\frac{5}{16}$ " pipe ... ..	2	—	C	
<b>PIPING, TO ANGLE PANEL AND SHELF AT FORMER 12 BULKHEAD (Q2232) (Mod. 772)</b>						
Spares for :—						
13092 6D/1598	4SS3264	Clip, pipe, $\frac{5}{16}$ " dia. ... ..	4	—	C A	
	—	Flowmeter ... ..	1	—		
	550Z7739	Pipe, $\frac{5}{16}$ " o/d, union at former 10 to radar economiser	1	DTD323A		
	551Z7739	Pipe, $\frac{5}{16}$ " o/d, union at former 10 to cut-off valve	1	DTD323A		
	552Z7739	Pipe, $\frac{5}{16}$ " o/d, union at former 10 to flowmeter on angle panel	1	DTD323A		
	553Z7739	Pipe, $\frac{5}{16}$ " o/d, union at former 10 to flowmeter on angle panel	1	DTD323A		
28F/5104	AGS838/1	Union, straight ... ..	4	—	C	

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SERVICES

OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
<b>PIPING ON BULKHEAD AT FORMER 12 (2Z9232)</b>									
Spares for :—									
28F/13603 28F/5107	AGS838/8	Bush	...	...	...	24	—	C	
	AGS838/3	Elbow, union body	...	...	...	8	—		
	32Q1953	FAIRLEAD, BOTTOM, GROUP	...	...	...	1	—		
	203D10060	FAIRLEAD, CENTRE, GROUP...	...	...	...	1	—		
6D/743 28F/5108	2Z9233	FAIRLEAD, BELOW FLOWMETER, GROUP	...	...	...	1	—	A C	
	—	Flowmeter	...	...	...	2	—		
	AGS838/4	Nut, union	...	...	...	24	—		
	275Z7739	Pipe, elbow below floor to union, $\frac{5}{16}$ " o/d x 22G x 55" long	...	...	...	1	DTD323A		
	276Z7739	Pipe, union to upper cut-off valve, $\frac{5}{16}$ " o/d x 22G x 37" long	...	...	...	1	DTD323A		
	277Z7739	Pipe, union to upper flowmeter, $\frac{5}{16}$ " o/d x 22G x 44" long	...	...	...	1	DTD323A		
	278Z7739	Pipe, elbow below floor to union, $\frac{5}{16}$ " o/d x 22G x 55" long	...	...	...	1	DTD323A		
	302Z7739	Pipe, elbow below floor to union, $\frac{5}{16}$ " o/d x 22G x 58" long	...	...	...	1	DTD323A		
	305Z7739	Pipe, elbow below floor to union, $\frac{5}{16}$ " o/d x 22G x 55" long	...	...	...	1	DTD323A		
	303Z7739	Pipe, union to lower flowmeter, $\frac{5}{16}$ " o/d x 22G x 22" long	...	...	...	1	DTD323A		
	304Z7759	Pipe, lower flowmeter to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 10" long	...	...	...	1	DTD323A		
	306Z7739	Pipe, union to lower cut-off valve, $\frac{5}{16}$ " o/d x 22G x 19" long	...	...	...	1	DTD323A		
	307Z7739	Pipe, upper flowmeter to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 9" long	...	...	...	1	DTD323A		
	28F/5104 6D/480	AGS838/1	Union	...	...	...	4		—
—		Valve, cut-off	...	...	...	2	—		

## SERVICES

## OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPING, BELOW BUNKS (3Z9238)</b>							
		Spares for :—							
28F/11562	AGS1111/BB	Adaptor, at former 17	...	...	...	1	—	C	
28F/13603	AGS838/8	Bush, union body	...	...	...	28	—	C	
	2Z9238	Cleat, half, on floor at formers 14 and 21	...	...	...	4	BSS668		
	18Z8391	Cleat, at former 13	...	...	...	2	BSS668		
	19Z8391	Cleat, at formers 15 and 16A	...	...	...	4	BSS668		
13109	10SS3264	Clip, pipe, $\frac{5}{16}$ " dia.	...	...	...	3	—	C	
28E/8182	AGS605/0	Clip, hose	...	...	...	8	—	C	
6D/1444	—	Economiser	...	...	...	4	—	A	
28F/5107	AGS838/3	Elbow, union	...	...	...	6	—	C	
6D/515	—	Manifold	...	...	...	1	—	C	
28F/9839	AGS900/5	Nipple, for pipe at adaptor	...	...	...	1	—	C	
28F/5108	AGS838/4	Nut, union	...	...	...	28	—	C	
6D/533	—	Pipe, flexible, at economisers	...	...	...	4	—	B	
	280Z7739	<b>PIPE, ADAPTOR AT FORMER 17 TO MANIFOLD, <math>\frac{5}{16}</math>" o/d x 22G x 18", GROUP</b>				1	DTD323A		
	531Z7739	Pipe, elbow at former 13 to economiser, former 16, $\frac{5}{16}$ " o/d x 22G (Mod. 605)				1	DTD323A		
	319Z7739	Pipe, manifold to elbow at former 13, $\frac{5}{16}$ " o/d x 22G x 49" long				1	DTD323A		
	318Z7739	Pipe, manifold to union between formers 16 and 16A, $\frac{5}{16}$ " o/d x 22G x 46"				1	DTD323A		
	301Z7739	Pipe, elbow at former 13 to economiser at former 14, $\frac{5}{16}$ " o/d x 22G x 18"				1	DTD323A		
	300Z7739	Pipe, elbow at former 13 to union at former 16, $\frac{5}{16}$ " o/d x 22G x 54"				1	DTD323A		
	299Z7739	Pipe, manifold to union, former 21, $\frac{5}{16}$ " o/d x 22G x 72"				1	DTD323A		
	281Z7739	Pipe, manifold to union, former 21, $\frac{5}{16}$ " o/d x 22G x 71"				1	DTD323A		
	279Z7739	Pipe, elbow at former 13 to union at former 16A, $\frac{5}{16}$ " o/d x 22G				1	DTD323A		
	417Z7739	Pipe, economiser at former 21 to elbow, $\frac{5}{16}$ " o/d x 22G x 61" (Mod. 688)				1	DTD323A		
	418Z7739	Pipe, union, former 21 to elbow, $\frac{5}{16}$ " o/d x 22G x 50" (Mod. 688)				1	DTD323A		
	419Z7739	Pipe, economiser at former 20 to elbow, $\frac{5}{16}$ " o/d x 22G x 70" (Mod. 688)				1	DTD323A		
	420Z7739	Pipe, union, former 21 to elbow, $\frac{5}{16}$ " o/d x 22G x 52" (Mod. 688)				1	DTD323A		
6D/527	—	Socket, bayonet	...	...	...	4	—	B	
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe	...	...	...	6	—	C	

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OXYGEN

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
		<b>PIPING ON FORMER 22 BULKHEAD (4Z9233)</b>							
		Spares for :—							
28F/13603	AGS838/8	Bush, union body	...	...	...	24	—	C	
13109	10SS3264	Clip, pipe	...	...	...	4	—	C	
28F/5107	AGS838/3	Elbow, union	...	...	...	12	—	C	
	7Z9233	<b>FAIRLEAD, BELOW CUT-OUT ON AFT FACE OF BULKHEAD, GROUP</b>				1	—		
	3Z9233	<b>FAIRLEAD, BOTTOM, ON AFT FACE OF BULKHEAD, GROUP</b>				1	—		
	2Z9233	<b>FAIRLEAD, BOTTOM, ON FORWARD FACE AND BELOW LOWER FLOW-METER ON AFT FACE, GROUP</b>				4	—		
12533	3SS4327	Ferrule, attachment of fairlead Part No. 2 Z9233				1	—	C	
6D/1598	—	Flowmeter				2	—	A	
28F/5108	AGS838/4	Nut, union				24	—	C	
	284Z7739	Pipe, elbow to top flowmeter, $\frac{5}{16}$ " o/d x 22G x 78"				1	DTD323A		
	285Z7739	Pipe, top, cut-off valve to elbow, $\frac{5}{16}$ " o/d x 22G x 75"				1	DTD323A		
	291Z7739	Pipe, top flowmeter to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 8"				1	DTD323A		
	293Z7739	Pipe, bottom cut-off valve to elbow, $\frac{5}{16}$ " o/d x 22G x 55"				1	DTD323A		
	296Z7739	Pipe, bottom flowmeter to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 9"				1	DTD323A		
	297Z7739	Pipe, bottom flowmeter to elbow, $\frac{5}{16}$ " o/d x 22G x 58"				1	DTD323A		

## SERVICES

## OXYGEN

Ref. No.	Part No.	Description				No. off	Mati. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>PIPING TO MID-UPPER TURRET, ON PEDESTAL (Z8188)</b>							
		Spares for:—							
28F/13603	AGS838/8	Bush	...	...	...	8	—	C	
28F/5107	AGS838/3	Elbow, union	...	...	...	1	—	C	
28F/5108	AGS838/4	Nut, union	...	...	...	8	—	C	
	10Z8188	Pipe, from top union on pedestal, $\frac{5}{16}$ " o/d x 22G x 27"				1	DTD323A		
	11Z8188	Pipe, cut-off valve to top union on pedestal, $\frac{5}{16}$ " o/d x 22G x 23"				1	DTD323A		
	12Z8188	Pipe, union at floor to union on forward face of pedestal, $\frac{5}{16}$ " o/d x 22G x 13"				1	DTD323A		
	13Z8188	Pipe, union on forward face of pedestal to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 11"				1	DTD323A		
13696	15Z1795	Socket, dummy for cut-off valve	...	...	...	1	Hardwood	C	
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe	...	...	...	2	—	C	
6D/480	—	Valve, cut-off	...	...	...	1	—	A	
		<b>PIPING AT ELSAN POSITION (Z8399)</b>							
		Spares for:—							
28F/13603	AGS838/8	Bush	...	...	...	12	—	C	
28E/8182	AGS605/O	Clip, flexible pipe	...	...	...	2	—	C	
6D/1444	—	Economiser	...	...	...	1	—	A	
28F/5107	AGS838/3	Elbow, union	...	...	...	5	—	C	
	11Z8399	<b>FAIRLEAD, GROUP</b>	...	...	...	2	—		
6D/743	—	Flowmeter	...	...	...	1	—	A	
28F/5108	AGS838/4	Nut, union	...	...	...	12	—	C	
	386Z7739	Pipe, adaptor at former 34 to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 38"				1	DTD323A		
	387Z7739	Pipe, elbow to cut-off valve, $\frac{5}{16}$ " o/d x 22G x 23"				1	DTD323A		
	388Z7739	Pipe, flowmeter to economiser, $\frac{3}{16}$ " o/d x 22G x 13"				1	DTD323A		
	389Z7739	Pipe, elbow to flowmeter, $\frac{5}{16}$ " o/d x 22G x 23"				1	DTD323A		
6D/531	—	Pipe, flexible at economiser	...	...	...	1	—	B	
6D/527	—	Socket, bayonet	...	...	...	1	—	C	
28F/5104	AGS838/1	Union, $\frac{5}{16}$ " pipe	...	...	...	1	—	C	
6D/480	—	Valve, cut-off	...	...	...	1	—	A	

SERVICES—OXYGEN  
SUMMARY OF STANDARD ITEMS

Stores Ref.			Stores Ref.			Stores Ref.		
Section	Ref. No.	No. off	Section	Ref. No.	No. off	Section	Ref. No.	No. off
6D	223	3	28F	7360	7			
6D	427	2						
6D	428	10						
6D	480	17						
6D	487	52						
6D	515	7	28V	5104	17			
6D	527	17	28V	5107	57			
6D	531	7	28V	5108	288			
6D	532	7	28V	13603	288			
6D	533	3						
6D	603	2						
6D	641	1						
6D	642	1						
6D	743	6						
6D	790	5						
6D	1395	1						
6D	1398J	8						
6D	1444	17						
6D	1502	47						
6D	1598	10						
6D	1660	1						



SHACKLETON Mk. 3

SERVICES

PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No. off	Mater. Spec.	Cl. of	Plate and illust'n No.
					St. M.R.	
		1 2 3 4				
<p><b>PNEUMATIC, FRESH WATER AND HUMIDITY SYSTEMS (Q1916) (Q1941) (Q1942) (Q1949) (Q1950) (Q1951) (Q1952) (Q1953) (Q1955) (Q1956) (Q2001) (Q2045) (Z8376)</b></p> <p>Spares for :—</p>						
28F/9533	AGS1145/B	Adaptor, 1/4" ... ..	1	—	C	
13391	1/SS3555	Adaptor, for charging valve (Pre-Mod. 819) ...	1	—	C	
9484	2/SS4295	Adaptor, flanged, 1/4" BSF ... ..	3	—	C	
9660	2Z8376	Block, junction 3-way, for humidity system ...	1	—	C	
	DUNLOP					
27VA/4945	ACM18008	Cock, fuel, tank, control ... ..	2	—	A	
	1/S2490	Cock, on-off, at former 9, in bomb bay (Mod. 819)	1	—		
	HYMATIC					
37G/508	SH6/10C	Compressor ... ..	1	—	A	
9661	CS5255	Filter, water ... ..	2	—	A	
	DUNLOP					
27VA/3907	AC11108	Jack, camera, 350 lbs. ... ..	2	—	A	
	DUNLOP					
27VA/4548	AC11186	Jack, tail skid ... ..	1	—	A	
	102Q1916	<b>MANIFOLD, FRESH WATER, SPRAY CONTROL VALVE, GROUP</b>	1	—		
<p>Consisting of :—</p>						
	102z/Q1916	Body, manifold ... ..	1	L65		
28F/9838	AGS1104/A	Union, 1/8" BSP ... ..	1	—	C	
28F/9708	AGS1104/B	Union, 1/4" BSP ... ..	1	—	C	
28F/9439106	AGS1105/A	Union, 1/8" BSP ... ..	2	—	C	
28F/9428452	AGS1186/A	Washer, sealing ... ..	3	—	C	
28F/9428453	AGS1186/B	Washer, sealing ... ..	1	—	C	
	104/Q1916	<b>MANIFOLD, TAIL SKID, GROUP</b>	1	—		
<p>Consisting of :—</p>						
28F/9439102	AGS1105/B	Adaptor, 1/4" ... ..	2	—	C	
28F/10798	AGS1129/B	Body, banjo ... ..	1	—	C	
	104a/Q1916	Body, manifold ... ..	1	—		
28F/9423227	AGS1135/B	Bolt, for banjo ... ..	1	—	C	
28F/9428453	AGS1186/B	Washer, sealing ... ..	3	—	C	
	104b/Q1916	Wire, locking ... ..	1	DTD161		
9561	106/Q1916	<b>MANIFOLD, TAIL SKID, GROUP</b>	1	—	C	
<p>Consisting of :—</p>						
28F/9708	AGS1104/B	Adaptor, 1/4" ... ..	1	—	C	
28F/9439102	AGS1105/B	Adaptor, 1/4" ... ..	2	—	C	
	106a/Q1916	Body, manifold ... ..	1	—		
28F/9428453	AGS1186/B	Washer, sealing ... ..	3	—	C	
	106b/Q1916	Wire, locking ... ..	1	DTD161		

SHACKLETON Mk. 3

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## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
6D/1459H	—	<b>MOUNTING, AIR BOTTLE ON OUT-BOARD ENGINE RIB (Q2083)</b> Spares for :—							
					<b>Bottle, air, 3,000 lbs. ....</b>	1	—	A	
	5Q2083	<b>BRACKET, MOUNTING P.R.V., GRP.</b>				1	—		
2721	2SS3859	<b>Clip, attachment of pipes to engine subframe</b>				4	—	C	
11370	1Z9436	<b>CRADLE, AIR BOTTLE, GROUP ...</b>				1	—	C	
	239Q1916	<b>PIPE, 1/2" o/d x 22G x 105", AIR BOTTLE TO COUPLING ON FRONT SPAR, GROUP</b>				1	DTD323A		
	236Q1916	<b>PIPE, 1/2" o/d x 22G x 37", AIR BOTTLE TO P.R.V., GROUP</b>				1	DTD323A		
9277	9Z7987	<b>STRAP, GROUP ...</b> Spares for :—				2	—	C	
1999	3SS1944	<b>Crosshead, RH. ....</b>				1	—	C	
2005	4SS1944	<b>Crosshead, LH. ....</b>				1	—	C	
26DD/10573	4SS1945	<b>Screw, adjusting ...</b>				1	—	C	
27VA/4816	DUNLOP ACM16390	<b>Valve, pressure reducing ...</b>				1	—	A	
		<b>MOUNTING, ANTI-FREEZER UNIT BETWEEN OIL AND WATER TRAP AND COMPRESSOR ON INBOARD FIRE-PROOF BULKHEAD, PORT (Q2027)</b> Spares for :—							
	6Q2027	<b>MOUNTING, C/W STRAPS, GROUP</b>				1	—		
	HYMATIC AF/3	<b>Unit, anti-freezer ...</b>				1	—		
	HYMATIC N.R. 6	<b>Valve, non-return ...</b>				1	—		
		<b>MOUNTING, OIL AND WATER TRAP ON INBOARD FIREPROOF BULKHEAD, PORT (Q2026)</b> Spares for :—							
	4Q2026	<b>COVER OIL AND WATER TRAP DRAIN, GROUP</b>				1	—		
	7Q2026	<b>MOUNTING, C/W STRAPS, GROUP</b>				1	—		
27VB/2960	HYMATIC OWT56/8	<b>Trap, oil and water ...</b>				1	—	A	

SHACKLETON Mk. 3

SERVICES

PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
<b>MOUNTING, AIR BOTTLE FILTER, REDUCING VALVE AND PIPES IN MAIN-WHEEL BAY, PORT (Q2227)</b>									
Spares for :—									
10004	3Q2002	Block, mounting filter on mounting plate ...				2	BSS668	C	
	DUNLOP								
27VA/2948	ACO3147	Bottle, air, 620 cu. ins. ... ..				1	—	A	
10006	6Q2002	Bracket, reducing Valve, top ... ..				1	L72	C	
10005	5Q2002	Bracket, reducing valve, bottom ... ..				1	L72	C	
	25Q1936	FAIRLEAD, 3-PIPE, GROUP ... ..				2	—		
	6Q1936	FAIRLEAD, 2-PIPE, GROUP ... ..				1	—		
	DUNLOP								
27G/2091	ACO1268	Filter ... ..				1	—	A	
28F/12444	AGS1123/B	Piece, 4-way ... ..				1	—	C	
	7Q1916	PIPE, 1/4" o/d x 22G x 12", UNION TO REDUCING VALVE OUTLET, GRP.				1	DTD323A		
	40Q1916	PIPE, 1/4" o/d x 22G x 30", AIR BOTTLE TO UNION, GROUP				1	DTD323A		
	42Q1916	PIPE, 1/4" o/d x 22G x 18", FILTER TO REDUCING VALVE INLET, GROUP				1	DTD323A		
	148Q1916	PIPE, 1/4" o/d x 22G x 6", AIR BOTTLE TO 4-WAY PIECE, GROUP				1	DTD323A		
	149Q1916	PIPE, 1/4" o/d x 22G x 6", 4-WAY PIECE TO FILTER INLET, GROUP				1	DTD323A		
	237Q1916	PIPE, 1/4" o/d x 22G x 4" TO NON-RETURN VALVE, GROUP				1	DTD323A		
	238Q1916	PIPE, 1/4" o/d x 22G x 14", NON-RETURN VALVE TO 4-WAY PIECE, BOTTOM, GROUP				1	DTD323A		
	250Q1916	PIPE, 1/4" o/d x 22G, TO 4-WAY PIECE TOP CONNECTION, GROUP				1	DTD323A		
10003	2Q2002	PLATE, MOUNTING REDUCING VALVE AND FILTER, GROUP				1	—	C	
	DUNLOP								
27G/2105	ACO1292	Valve, reducing ... ..				1	—	A	
	DUNLOP								
	ACM1006	Valve, non-return ... ..				1	—		

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## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Mati. Spec.	Cl. of	Place
		1	2	3	4			St.	and
							M.R.	Illust'n	
								No.	
		<b>MOUNTING, DESYNN TRANSMITTER BETWEEN CENTRE &amp; INTERMEDIATE ENGINES RIBS INBOARD NACELLE, PORT (Q2226)</b>							
		Spares for :—							
12720	34SS3563	Adaptor, bulkhead on intermediate engine rib				1	—	C	
8735	1V5650	Block, terminal, T.B. 233				1	—	C	
	1577V6831	Cable, P.284, to transmitter				1	—		
	233V6796	Label, T.B. 233				1	DTD213		
	SMITH'S								
	423PG	Mounting, anti-vibration				1	—		
28F/10491	AGS1148/A	Nut, thin, $\frac{1}{8}$ " B.S.P. for adaptor				1	—	C	
	SMITH'S								
6A/3367	322PG	Pipe, flexible, transmitter to adaptor				1	—	C	
5X/6623	15V5650	Socket, single for terminal block				1	—	B	
6A/3925	—	Transmitter, "Desynn"				1	—	A	
28F/10858	AGS1149/1	Washer, $\frac{1}{8}$ " BSP. for adaptor				2	—	C	
4346	4Q1734	Nozzle, windscreen spray				2	—	C	
	DUNLOP								
27VA/5626	4/N14/261/8/8/16.5	Pipe, flexible, for tail skid (Mod. 951)				2	—	C	
	DUNLOP								
	DC300B/11-5"	Pipe, flexible, for spray control valve				2	—		
	224Q1916	PIPE, FRESH WATER, $\frac{3}{16}$ " o/d x 22G x 42", UNION TO SPRAY CONTROL VALVE IN NOSE, GROUP				1	DTD323A		
	150Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 29", FUEL CONTROL COCK TO ADAPTOR ON FRONT SPAR, GROUP				1	DTD323A		
12820	151Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 156", UNION TO ADAPTOR ON FRONT SPAR IN OUTER WING, GROUP				1	DTD323A	C	
	153Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 79", TEE-PIECE TO OUTBOARD ENGINE, GROUP				1	DTD323A		
	155Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 43", UNION AT FORMER 27 ADAPTOR AT FORMER 29, GROUP				1	DTD323A		
12816	156Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 66", JUNCTION BLOCK TO INBOARD ENGINE BULKHEAD, STBD., GROUP				1	DTD323A	C	
12817	157Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 120", ADAPTOR AT FUSELAGE TO JUNCTION BLOCK, I/B NACELLE, STBD., GROUP				1	DTD323A	C	

SHACKLETON Mk. 3

## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
12821	158Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 145", ADAPTOR IN HEATER BAY TO TEE-PIECE AT FORMER 6, GROUP				1	DTD323A	C	
	159Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 29", CHARGING VALVE TO ADAPTOR, IN NOSEWHEEL BAY, GROUP				1	DTD323A		
	160Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 12", P.R.V., TO MANIFOLD IN NOSEWHEEL BAY, GROUP				1	DTD323A		
	161Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 22", UNION TO ADAPTOR, FORWARD & AFT ON FORMER 22, GROUP				1	DTD323A		
	225Q1916	PIPE, WATER, $\frac{1}{4}$ " o/d x 22G x 19", FILTER TO TEE-PIECE IN NOSEWHEEL BAY, GROUP				1	DTD323A		
	162Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 24", TEE-PIECE TO FLEXIBLE PIPE AT FORMER 9, GROUP (Pre. Mod. 819)				1	DTD323A		
	226Q1916	PIPE, WATER, $\frac{3}{16}$ " o/d x 22G x 6", ADAPTOR TO TEE-PIECE IN NOSEWHEEL BAY, GROUP				1	DTD323A		
	163Q1916	PIPE, WATER, $\frac{1}{4}$ " o/d x 22G x 58", MANIFOLD AT SPRAY CONTROL TO FLANGED ADAPTOR, GROUP				1	DTD323A		
12822	164Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 93", BETWEEN ADAPTORS AT FORMERS 29 & 34, GROUP				1	DTD323A	C	
	227Q1916	PIPE, WATER, $\frac{3}{16}$ " o/d x 22G x 21", MANIFOLD, RH. TO MANIFOLD LH., W/S DE-ICING, GROUP				1	DTD323A		
10579	23Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 24", ANTI-FREEZE UNIT TO OIL & WATER TRAP IN I/B NACELLE, PORT, GROUP				1	DTD323A	C	
10580	24Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 35", OIL & WATER TRAP TO REGULATOR I/B NACELLE, PORT, GROUP				1	DTD323A	C	
	165Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 70", JUNCTION BLOCK TO I/B ENGINE BULKHEAD, PORT, GROUP				1	DTD323A		
12814	166Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 76", JUNCTION BLOCK TO ADAPTOR AT FUSELAGE, PORT, GROUP				1	DTD323A	C	

## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
	167Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 26", TEE-PIECE TO TEE-PIECE ON FUSELAGE FRONT SPAR, GROUP				1	DTD323A		
	228Q1916	PIPE, WATER, $\frac{3}{8}$ " o/d x 22G x 46", UNION TO FLANGED ADAPTOR IN SPRAY CONTROL VALVE PIPE LINE, GROUP				1	DTD323A		
	168Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 52", TEE-PIECE TO ADAPTOR AT FUSELAGE PORT, GROUP				1	DTD323A		
10582	30Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 11", RELIEF VALVE TO COMPRESSOR IN I/B NACELLE, PORT, GROUP				1	DTD323A	C	
12823	169Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 104", ADAPTOR TO ADAPTOR BRACKET, INNER, WING, PORT, GROUP				1	DTD323A	C	
	170Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 52", TEE-PIECE TO O/B ENGINE BULK-HEAD, PORT, GROUP				1	DTD323A		
12824	171Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 194", UNION TO PRESSURE MAINTAINING VALVE, OUTER WING, PORT, GROUP				1	DTD323A	C	
	172Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 72", TEE-PIECE AT ELECTRO-PNEUMATIC VALVE IN CAMERA BAY TO UNION, GROUP				1	DTD323A		
	173Q1916	PIPE, PNEUMATIC, $\frac{1}{4}$ " o/d x 22G x 34" ADAPTOR TO FUEL CONTROL COCK, OUTER WING, PORT, GROUP				1	DTD323A		
	174/Q1916	PIPE, PNEUMATIC, FROM MANIFOLD TO BANJO BODY, ALONG FRONT SPAR OUTER WING, PORT, $\frac{1}{4}$ " o/d x 22G x 3-7" LONG, GROUP				1	DTD323A		
10853	43/Q1916	PIPE, PNEUMATIC, FROM CHARGE VALVE TO TEE-PIECE, ANTI-FREEZE CONNECTION, INBOARD NACELLE, PORT, $\frac{1}{4}$ " o/d x 22G x 3' 5" LONG, GROUP				1	DTD323A	C	
10685	47/Q1916	PIPE, HUMIDITY, FROM CONTROL VALVE TO RESTRICTOR, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 1" LONG, GROUP				1	DTD323A	C	
	235/Q1916	PIPE, HUMIDITY, FROM WATER TANK TO FILTER, NOSEWHEEL BAY, $\frac{1}{4}$ " o/d x 22G x 3' 5" LONG, GROUP				1	DTD323A		

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## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Place and Illust'n No.
		1	2	3	4			St. M.R.	
10864	51/Q1916	PIPE, HUMIDITY, FROM HEATER TO RESTRICTOR, IN NOSEWHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 1' 4" LONG, GROUP				1	DTD323A	C	
	175/Q1916	PIPE, PNEUMATIC, FROM FLANGED ADAPTOR TO UNION, IN VISON DE-ICING PIPE LINE, ABOVE FLOOR IN NOSE, $\frac{1}{4}$ " o/d x 22G x 4' 0" LONG, GROUP				1	DTD323A		
	176/Q1916	PIPE, PNEUMATIC, FROM ADAPTOR, BETWEEN FORMERS 22-27 TO UNION, AFT OF FORMER 27, IN REAR CENTRE PORTION, $\frac{1}{4}$ " o/d x 6' 11" LONG, GROUP				1	DTD323A		
	177/Q1916	PIPE, PNEUMATIC, FROM FLANGED ADAPTOR TO VISION DE-ICING TANK, ABOVE FLOOR, IN NOSE, $\frac{1}{4}$ " o/d x 22G x 3' 5" LONG, GROUP				1	DTD323A		
	178/Q1916	PIPE, PNEUMATIC, FROM FLANGED ADAPTOR TO UNION, IN PIPE LINE FROM DE-ICING TANK, IN NOSE, $\frac{1}{4}$ " o/d x 22G x 3' 5" LONG, GROUP				1	DTD323A		
10689	56/Q1916	PIPE, HUMIDITY, FROM CONTROL VALVE TO JUNCTION BLOCK, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 10" LONG, GRP.				1	DTD323A	C	
12825	179/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE, FORMER 9 TO ADAPTOR AT FORMER 22, REAR CENTRE PORTION, BOMB BAY, $\frac{1}{4}$ " o/d x 12' 0" LONG, GROUP				1	DTD323A	C	
	180/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE, FORWARD OF FRONT SPAR TO TEE-PIECE, BETWEEN FRONT AND REAR SPARS, CENTRE PORTION, $\frac{1}{4}$ " o/d x 22G x 4' 9" LONG, GROUP				1	DTD323A		
	181/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO FLANGED ADAPTOR AT FUSELAGE SIDE, FRONT SPAR, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 4' 0" LONG, GROUP				1	BTD323A		
12818	182/Q1916	PIPE, PNEUMATIC, FROM JUNCTION BLOCK TO UNION ALONG FRONT SPAR, INNER WING RIB 1 TO 6A, STBD., $\frac{1}{4}$ " o/d x 22G x 9' 8" LONG, GROUP				1	DTD323A	C	
	183/Q1916	PIPE, PNEUMATIC, FROM PRESSURE REDUCING VALVE TO NON-RETURN VALVE, FRONT SPAR, OUTER WING, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 7" LONG, GROUP				1	DTD323A		

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## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.
		1 2 3 4				
10584	63/Q1916	PIPE, PNEUMATIC, FROM RELIEF VALVE TO TEE-PIECE IN ANTI-FREEZE PIPE INBOARD NACELLE, PORT, $\frac{1}{4}$ " o/d x 22G x 1' 5" LONG, GROUP	1	DTD323A	C	
10585	64/Q1916	PIPE, PNEUMATIC, FROM ANTI-FREEZE UNIT TO TEE-PIECE, INBOARD NACELLE, PORT, $\frac{1}{4}$ " o/d x 22G x 11" LONG, GROUP	1	DTD323A	C	
10688	66/Q1916	PIPE, HUMIDITY, FROM RESTRICTOR TO ADAPTOR, IN HEATER PIPE LINE IN NOSE, $\frac{3}{16}$ " o/d x 22G x 3' 0" LONG, GROUP	1	DTD323A	C	
	184/Q1916	PIPE, PNEUMATIC, VENT TO ATMOSPHERE AT FUSELAGE SIDE, FROM ELECTRIC PNEUMATIC VALVE, AFT OF FORMER 34, PORT, $\frac{3}{8}$ " o/d x 22G x 1' 6" LONG, GROUP	1	DTD323A		
	185/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO ELECTRIC PNEUMATIC VALVE IN CAMERA BAY, REAR PORTION, $\frac{1}{4}$ " o/d x 22G x 1' 4" LONG, GROUP	1	DTD323A		
	186/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO FLANGED ADAPTOR IN DE-ICING TANK PIPE LINE, NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 4" LONG, GROUP	1	DTD323A		
	187/Q1916	PIPE, PNEUMATIC, FROM TEST VALVE TO NON-RETURN VALVE IN RESERVOIR PIPE LINE, OUTBOARD ENGINE, OUTER WING, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 6" LONG, GROUP	1	DTD323A		
	188/Q1916	PIPE, PNEUMATIC, FROM PRESSURE REDUCING VALVE TO UNION, OUTER WING, PORT, $\frac{1}{4}$ " o/d x 22G x 2' 10" LONG, GROUP	1	DTD323A		
12826	189/Q1916	PIPE, PNEUMATIC, FROM UNION TO ADAPTOR IN FUEL COCK PIPE LINE, OUTER WING, NOSE, STARBOARD, $\frac{1}{4}$ " o/d x 11G x 12' 11" LONG, GROUP	1	DTD323A	C	
	190/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE, RESERVOIR CONNECTION TO TEE-PIECE IN OUTBOARD ENGINE PIPE LINE, OUTER WING, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 10" LONG, GROUP	1	DTD323A		
	451/Q1916	PIPE, PNEUMATIC, FROM UNIVALVE ON COLD WATER TANK TO FAIRLEAD AT FORMER 'E', $\frac{1}{4}$ " o/d x 22G, GROUP (Mod. 1107)	1	DTD323A		

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## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	191/Q1916	PIPE, PNEUMATIC, FROM PRESSURE MAINTAINING VALVE TO ADAPTOR ALONG FRONT SPAR, OUTER WING, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 16' 4" LONG, GROUP				1	DTD323A		
	260/Q1916	PIPE, PNEUMATIC, FROM WATER TANK TO TEE-PIECE, IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 2' 3" LONG, GROUP (Mod. 772)				1	DTD323A		
	230/Q1916	PIPE, FRESH WATER, FROM MANIFOLD TO TEE-PIECE, IN NOSEWHEEL BAY, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 1' 8" LONG, GROUP				1	DTD323A		
	194/Q1916	PIPE, PNEUMATIC, FROM UNION FRONT SPAR, TO TEE-PIECE IN PIPE LINE TO OUTBOARD ENGINE, OUTER WING, STARBOARD, $\frac{1}{4}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	195/Q1916	PIPE, PNEUMATIC, FROM ADAPTOR, FRONT SPAR TO TEE-PIECE, OUTBOARD ENGINE CONNECTION, OUTER WING, PORT, $\frac{1}{4}$ " o/d x 22G x 1' 9" LONG, GROUP				1	DTD323A		
	196/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE, FORWARD OF FORMER 9 TO COUPLING AT REAR SPAR, UNDER FLOOR IN CENTRE PORTION, $\frac{1}{4}$ " o/d x 22G x 5' 0" LONG, GROUP				1	DTD323A		
	231/Q1916	PIPE, FRESH WATER, FROM UNION TO SPRAY CONTROL VALVE, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	197/Q1916	PIPE, PNEUMATIC, FROM PRESSURE REDUCING VALVE TO UNION, FRONT SPAR, STARBOARD OUTER WING, $\frac{1}{4}$ " o/d x 22G x 3' 9" LONG, GROUP				1	DTD323A		
10682	90/Q1916	PIPE, HUMIDITY, FROM HEATER TO RESTRICTOR, STARBOARD, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 5" LONG, GROUP				1	DTD323A	C	
10692	91/Q1916	PIPE, HUMIDITY, FROM HEATER TO UNION, STARBOARD, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A	C	
	198/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO UNION, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 4' 1" LONG, GROUP				1	DTD323A		

SHACKLETON Mk. 3

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## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
	199/Q1916	PIPE, PNEUMATIC, FROM COUPLING TO TEE-PIECE, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 3' 10" LONG, GROUP	1	DTD323A		
	200/Q1916	PIPE, PNEUMATIC, FROM COUPLING TO FLANGED ADAPTOR AT FORMER 34, REAR PORTION, $\frac{1}{4}$ " o/d x 22G x 4' 7" LONG, GROUP	1	DTD323A		
	201/Q1916	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO UNION, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 4' 3" LONG, GROUP	1	DTD323A		
	202/Q1916	PIPE, PNEUMATIC, FROM UNION TO CONE ELBOW, IN PIPE LINE TO CAMERA JACK, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 3' 3" LONG, GROUP				
	203/Q1916	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO UNION, PIPE LINE TO CAMERA JACK, IN REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 3' 11" LONG, GROUP	1	DTD323A		
	204/Q1916	PIPE, PNEUMATIC, FROM UNION TO CAMERA JACK, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 3' 7" LONG, GROUP	1	DTD323A		
10690	99/Q1916	PIPE, HUMIDITY, FROM COUPLING TO COUPLING IN HEATER PIPE LINE, IN NOSE, $\frac{3}{16}$ " o/d x 22G x 4' 4" LONG,	1	DTD323A	C	
	205/Q1916	PIPE, PNEUMATIC, TO TAIL SKID JACK, IN REAR SECTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 1' 0" LONG, GROUP	1	DTD323A		
	206/Q1916	PIPE, PNEUMATIC, FROM MANIFOLD TO COUPLING, IN NOSEWHEEL BAY, STBD., $\frac{1}{4}$ " o/d x 22G x 6" LONG, GROUP	1	DTD323A		
	232/Q1916	PIPE, FRESH WATER, FROM WATER TANK TO FILTER, IN NOSEWHEEL BAY, STBD., $\frac{1}{4}$ " o/d x 22G x 2' 0" LONG, GROUP	1	DTD323A		
	207/Q1916	PIPE, PNEUMATIC, FROM ADAPTOR BRACKET TO BANJO COUPLING AT FRONT SPAR, PORT, $\frac{1}{4}$ " o/d x 22G x 1' 2" LONG, GROUP	1	DTD323A		

SHACKLETON MK.

## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate
					St. M.R.	and Illust'n No.
		1 2 3 4				
	208/Q1916	PIPE, PNEUMATIC, FROM UNION TO PRESSURE REDUCING VALVE, FRONT SPAR, LH. & RH., OUTER WING, $\frac{1}{2}$ " o/d x 22G x 11" LONG, GROUP	2	DTD323A		
	209/Q1916	PIPE, PNEUMATIC, FROM UNION TO NON-RETURN VALVE, IN NOSE-WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 8", GROUP	1	DTD323A		
	259/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO NON-RETURN VALVE, IN NOSE-WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 6" LONG, GROUP (Mod. 772)	1	DTD323A		
	211/Q1916	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO FLEXIBLE PIPES, TAIL SKID JACK, REAR PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 1' 8" LONG, GROUP	1	DTD323A		
	212/Q1916	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO FLEXIBLE PIPES, TAIL SKID JACK, REAR PORTION FUSELAGE, $\frac{1}{2}$ " o/d x 22G x 1' 7" LONG, GROUP	1	DTD323A		
	213/Q1916	PIPE, PNEUMATIC, FROM REGULATOR TO TEE-PIECE IN 1/8 NACELLE, PORT, $\frac{1}{2}$ " o/d x 22G x 4" LONG, GROUP	1	DTD323A		
10587	118/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO UNION, IN PIPE LINE TO GAUGE, INBOARD NACELLE, PORT, $\frac{3}{8}$ " o/d x 22G x 4' 1" LONG, GROUP	1	DTD323A	C	
10588	119/Q1916	PIPE, PNEUMATIC, FROM UNION TO GAUGE, INBOARD NACELLE, PORT, $\frac{3}{8}$ " o/d x 22G x 3' 0" LONG, GROUP	1	DTD323A	C	
10589	121/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE AT GAUGE CONNECTION TO UNION AT FRONT SPAR, INBOARD NACELLE, PORT, $\frac{1}{2}$ " o/d x 22G x 2' 8" LONG, GROUP	1	DTD323A	C	
	215/Q1916	PIPE, PNEUMATIC, FROM CHARGING VALVE TO PRESSURE RETURN VALVE, IN NOSEWHEEL BAY, STARBOARD, $\frac{3}{8}$ " o/d x 22G x 1' 5" LONG, GROUP	1	DTD323A		
	233/Q1916	PIPE, FRESH WATER, FROM MANIFOLD TO MANIFOLD, WINDSCREEN DE-ICING SPRAY, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 3' 9" LONG, GROUP	1	DTD323A		
	254/Q1916	PIPE, ADAPTOR TO TEE-PIECE IN LINE FROM WATER TANK IN NOSE, $\frac{1}{2}$ " o/d x 22G, GROUP (Mod. 772)	1	DTD323A		

SHACKLETON Mk. 3

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## SERVICES

## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St. M.R.	
	216/Q1916	PIPE, FRESH WATER, BOMB AIMER'S WINDOW, FROM ELBOW ADAPTOR TO PIPING DUCT, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	217/Q1916	PIPE, FRESH WATER, BOMB AIMER'S WINDOW, FROM ELBOW TO ADAPTOR, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 10" LONG, GROUP				1	DTD323A		
	218/Q1916	PIPE, FRESH WATER, BOMB AIMER'S WINDOW, FROM ADAPTOR TO ADAPTOR, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 2' 5" LONG, GROUP				1	DTD323A		
	219/Q1916	PIPE, FRESH WATER, BOMB AIMER'S WINDOW TO ADAPTOR, IN NOSE, $\frac{3}{8}$ " o/d x 22G x 1' 2" LONG, GROUP				1	DTD323A		
10681	130/Q1916	PIPE, HUMIDITY, FROM HEATER TO RESTRICTOR, PORT, IN NOSEWHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 2' 4" LONG, GROUP				1	DTD323A	C	
10683	131/Q1916	PIPE, HUMIDITY, FROM HEATER TO RESTRICTOR, PORT, IN NOSEWHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 9" LONG, GROUP				1	DTD323A	C	
	220/Q1916	PIPE, PNEUMATIC, PRESSURE MAINTAINING VALVE TO TEE-PIECE, INBOARD ENGINE SERVICES CONNECTION, FROM SPAR, PORT, $\frac{1}{2}$ " o/d x 22G x 3' 7" LONG, GROUP				1	DTD323A		
	221/Q1916	PIPE, PNEUMATIC, FROM TEST VALVE TO RESERVOIR, OUTBOARD ENGINE, OUTER WING, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 1' 11" LONG, GROUP				1	DTD323A		
	134/Q1916	PIPE, PNEUMATIC, FROM FLEXIBLE PIPE TO SPRAY CONTROL VALVE, IN WHEEL BAY, $\frac{3}{8}$ " o/d x 22G x 7" LONG, GROUP				1	DTD323A		
	222/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO PRESSURE MAINTAINING VALVE FRONT SPAR, OUTER WING, STARBOARD, $\frac{1}{2}$ " o/d x 22G x 3' 1" LONG, GRP.				1	DTD323A		
	223/Q1916	PIPE, PNEUMATIC, FROM UNION TO ADAPTOR, ADAPTOR, BETWEEN FORMERS 22-27, REAR CENTRE PORTION, BOMB BAY, $\frac{1}{2}$ " o/d x 22G x 5' 2" LONG, GROUP				1	DTD323A		
15035	295Q1916	PIPE, FRESH WATER, FROM CONE TEE PIECE PIPE COUPLING TO ADAPTOR AT PRESSURE RELIEF VALVE, $\frac{3}{8}$ " o/d x 22G x 12" LONG, APPROX., GROUP (Mod. 1056)				1	DTD323A	C	

SHACKLETON Mk. 3

## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
10686	141/Q1916	PIPE, HUMIDITY, FROM JUNCTION BLOCK TO CONTROL VALVE, NOSE-WHEEL BAY, $\frac{3}{16}$ " o/d x 22G x 1' 4" LONG, GROUP	1	DTD323A	C	
10687	142/Q1916	PIPE, HUMIDITY, FROM CONTROL VALVE TO ADAPTOR, IN HEATER PIPE LINE, NOSEWHEEL BAY, $\frac{3}{16}$ " o/d x 22G x 3' 4" LONG, GROUP	1	DTD323A	C	
	234/Q1916	PIPE, HUMIDITY, FROM JUNCTION BLOCK TO FILTER, IN NOSEWHEEL BAY, $\frac{1}{4}$ " o/d x 22G x 1' 5" LONG, GROUP	1	DTD323A		
	240/Q1916	PIPE, PNEUMATIC, FROM GAUGE TO AIR BOTTLE, PORT WHEEL BAY, $\frac{1}{2}$ " o/d x 22G x 5' 0" LONG, GROUP	1	DTD323A		
	241/Q1916	PIPE, PNEUMATIC, FROM CHARGING POINT TO TEE-PIECE AT GAUGE CONNECTION FRONT SPAR, CENTRE PORTION WING, PORT $\frac{1}{2}$ " o/d x 22G x 10" LONG, GROUP	1	DTD323A		
	242/Q1916	PIPE, PNEUMATIC, FROM TEE-PIECE TO GAUGE, FRONT SPAR, CENTRE PORTION WING, PORT, $\frac{3}{16}$ " o/d x 22G x 1' 0" LONG, GROUP	1	DTD323A		
10640	243/Q1916	PIPE, FRESH WATER, FROM MANIFOLD TO WINDSCREEN SPRAY, IN NOSE, PORT, $\frac{3}{16}$ " o/d x 22G x 1' 2" LONG, GROUP	1	DTD323A	C	
10839	244/Q1916	PIPE, FRESH WATER, FROM MANIFOLD TO WINDSCREEN SPRAY, IN NOSE, STARBOARD, $\frac{3}{16}$ " o/d x 22G x 1' 2" LONG, GROUP	1	DTD323A	C	
	222/Q1694	PIPE, PNEUMATIC, FROM TEE-PIECE TO ELECTRICAL PNEUMATIC VALVE, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 1' 2" LONG, GROUP	1	DTD323A		
	279/Q1694	PIPE, PNEUMATIC, FROM TEE-PIECE TO ELECTRICAL PNEUMATIC VALVE, IN CAMERA BAY, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 1' 8" LONG, GROUP	1	DTD323A		
	281/Q1694	PIPE, PNEUMATIC, AIR EXHAUST AT RESERVOIR, OUTBOARD ENGINE STBD., $\frac{1}{2}$ " o/d x 22G x 8" LONG, GROUP	1	DTD323A		
	258/Q1694	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO ELBOW, IN CAMERA JACK PIPE LINE, REAR PORTION FUSELAGE, $\frac{1}{4}$ " o/d x 22G x 4' 0" LONG, GROUP	1	DTD323A		

SERVICES

PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No of	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St. M.R.	
		1 2 3 4				
	260/Q1694	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO CAMERA JACK, IN CAMERA BAY, REAR PORTION FUSELAGE, 1/4" o/d x 22G x 3' 9" LONG, GROUP	1	DTD323A		
	261/Q1694	PIPE, PNEUMATIC, FROM ELBOW TO CAMERA JACK, IN CAMERA BAY, REAR PORTION FUSELAGE, 1/4" o/d x 22G x 11' LONG, GROUP	1	DTD323A		
	262/Q1694	PIPE, PNEUMATIC, FROM ELBOW TO CAMERA JACK, IN CAMERA BAY, REAR PORTION FUSELAGE, 1/4" o/d x 22G x 10' LONG, GROUP	1	DTD323A		
	265/Q1694	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO TEE-PIECE AT VENT PIPE, IN CAMERA BAY, REAR PORTION FUSELAGE, 3/8" o/d x 22G x 8' LONG, GROUP	1	DTD323A		
	266/Q1694	PIPE, PNEUMATIC, FROM ELECTRICAL PNEUMATIC VALVE TO TEE-PIECE AT VENT PIPE, IN CAMERA BAY, REAR PORTION FUSELAGE, 3/8" o/d x 22G x 8' LONG, GROUP	1	DTD323A		
	267/Q1694	PIPE, VENT, PNEUMATIC, FROM TEE-PIECE TO FUSELAGE SIDE, REAR PORTION, 3/8" o/d x 22G x 1' 2" LONG, GROUP	1	DTD323A		
	263/Q1916	PIPE, TEE-PIECE TO ON-OFF COCK IN BOMB BAY, 1/4" o/d x 22G x 33", GROUP (Mod. 819)	1	DTD323A		
	262/Q1916	PIPE, BULKHEAD ADAPTOR AT FORMER 9 TO ON-OFF COCK IN BOMB BAY, 1/4" o/d x 22G x 12", GROUP (Mod. 819)	1	DTD323A		
	257/Q1916	PIPE, ADAPTOR TO ADAPTOR AT FORMER 9 IN BOMB BAY, 1/4" o/d x 22G x 6", GROUP (Mod. 819)	1	DTD323A		
	DUNLOP AC13300	Ram, pneumatic	6	—		
1840	64/SS3557	Tee-piece, 1/4" x 1/8" x 1/8"	3	—	C	
1837	65/SS3557	Tee-piece, 1/4" x 1/4" x 1/4"	7	—	C	
28F/10610	AGS1118/B	Tee-piece, 1/4" x 1/4" x 1/4"	11	—	C	
28F/9704	AGS1102/B	Union, 1/4"	4	—	C	
28F/11856	AGS1112/A	Union, flanged	2	—	C	
37G/8001	—	Valve, relief	1	—	A	
27VB/3002	HYMATIC AR16/1000	Valve, regulator	1	—	A	
27G/2015	DUNLOP ACO1292	Valve, pressure reducing, 1,000/350 lbs.	1	—	A	
27G/2132	DUNLOP AHO19130	Valve, pressure reducing, 350/7 lbs.	2	—	A	

SHACKLETON Mk.

## SERVICES

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## PNEUMATIC, FRESH WATER AND HUMIDITY

Ref. No.	Part No.	Description	No.				Mati. Spec.	Cl. of Sc. M.R.	Plate and Illust'n No.
			1	2	3	4			
27VA/3901	DUNLOP AC1010	Valve, electric, pneumatic	...	...	...	3	—	A	
27Q/636	DOWTY 2137Y	Valve, non-return	...	...	...	1	—	A	
27VA/4549	DUNLOP ACM17662	Valve, windscreen spray control	...	...	...	1	—	A	
27VA/4956	DUNLOP ACM17836	Valve, non-return	...	...	...	2	—	A	
27G/2113	DUNLOP ACO3568	Valve, pressure reducing	...	...	...	2	—	A	
	DUNLOP ACM20156	Valve, pressure reducing (fuel tank)	...	...	...	2	—	A	
27VA/4934	DUNLOP ACM18372	Valve, spray control	.....	...	...	1	—	A	
27VA/4950	DUNLOP AC11336	Valve, control	...	...	...	2	—	A	
	DUNLOP ACM17256	Valve, non-return	...	...	...	1	—		
27VA/2949	DUNLOP ACO1564	Valve, pressure maintaining	...	...	...	2	—	A	
	DUNLOP AC11350	Valve, electric, pneumatic	...	...	...	3	—		
11A/5714	AT39386	Valve, connection (Pre-Mod. 819)	...	...	...	1	—	B	
10039	1/Z8103	Valve, restrictor, at heater in front centre portion, fuselage	...	...	...	2	—	C	
28Y/1564	A58	Valve, charging, Mk. 2 (Pre-Mod. 819)	...	...	...	6	—	B	
28Y/1564	A58	Valve, charging, Mk. 2 (Mod. 819)	...	...	...	5	—	B	
27Q/70574	DOWTY 1,0012,015	Valve, selector (Mod. 1035)	...	...	...	1	—	A	
27Q/1299	DOWTY D6709Y	Valve, pressure relief (Mod. 1056)	...	...	...	1	—	A	
27Q/	DOWTY E2258Y	Valve, pressure relief (Mod. 1056) (alternative to D6709Y)	...	...	...	1	—	A	



SHACKELTON Mk. 3

SERVICES—PNEUMATIC, FRESH WATER & HUMIDITY

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SUMMARY OF STANDARD ITEMS

Stores Ref.		No. off	Stores Ref.		No. off	Stores Ref.		No. off
Section	Ref. No.		Section	Ref. No.		Section	Ref. No.	
6D	14594	1	28E	8182	2	28F	9493	2
			28E	8870	3	28F	9533	1
			28E	10154	2	28F	9704	4
			28E	10511	3	28F	9708	2
			28E	10785	1	28F	9838	1
27VA	2948	1						
27VA	2949	2						
27VA	3907	2						
27VA	4548	1						
27VA	4549	1						
27VA	4934	1						
27VA	4950	2						
27VA	4956	2						



SERVICES  
VACUUM SYSTEM

Ref. No.	Part No.	Description	No. off	Mati. Spec.	Cl. of	Plate and Illust'n No.
					St.	
		1 2 3 4			M.R.	
		<b>VACUUM SYSTEM (Q1918) (Q1942) (Q1949) (Q1950) (Q1951) (Q1955) (Z8163)</b>				
		Spares for :-				
	4/SS4295	Adaptor, flanged ... ..	1	—		
	7/SS4295	Adaptor, flanged ... ..	2	—		
	119/SS3553	Adaptor, special ... ..	1	—		
28F/8870	AGS1105/E	Adaptor, $\frac{5}{8}$ " o/d. ... ..	3	—		C
28F/10785	AGS1145/A	Adaptor, $\frac{3}{8}$ " o/d. ... ..	1	—		C
28F/10511	AGS1146/E	Adaptor, $\frac{5}{8}$ " o/d. ... ..	3	—		C
28E/8182	AGS605/0	Clip, jubilee ... ..	2	—		C
28E/10154	AGS605/00	Clip, jubilee ... ..	2	—		C
9/2303		Connection, gyro ... ..	1	—		
28F/11763	AGS1167/E	Elbow, $\frac{3}{8}$ " o/d. ... ..	1	—		C
	73S2559	Hose, joint, R.R., $\frac{3}{16}$ " i/d. ... ..	1	Rubber		C
26EA/50677	6/SS3742	Joint, pipe ... ..	3	—		C
	7SS3742	Joint, pipe ... ..	2	—		
28F/9735	AGS1142/A	Nipple, $\frac{3}{8}$ " o/d. ... ..	1	—		C
28F/9620	AGS1142/E	Nipple, $\frac{1}{2}$ " o/d. ... ..	12	—		C
28F/14529	AGS1170/C	Nipple, $\frac{3}{8}$ " o/d. ... ..	1	—		C
28F/10772	AGS1170/E	Nipple, $\frac{3}{8}$ " o/d. ... ..	2	—		C
28F/10491	AGS1148/A	Nut, $\frac{1}{8}$ " o/d. ... ..	1	—		C
28F/9748	AGS1148/E	Nut, $\frac{3}{8}$ " BSP. ... ..	2	—		C
	30/S1307	Pipe, flexible, to low level sighting head ...	1	—		
	45/Q1918	PIPE, FROM ADAPTOR AT FORMER "F" TO UNION, ABOVE FLOOR IN NOSE, $\frac{5}{8}$ " o/d x 22G x 4' 2" LONG, GROUP	1	DTD323A		
	46/Q1918	PIPE, FROM MANIFOLD TO ADAPTOR, IN NOSEWHEEL BAY, $\frac{5}{8}$ " o/d x 22G x 6' 0" LONG, GROUP	1	—		
	47/Q1918	PIPE, FROM ADAPTOR, IN FLOOR TO VACUUM GAUGE AT FLIGHT ENGINEER'S PANEL, GROUP	1	DTD323A		
	48/Q1918	PIPE, FROM ADAPTOR, IN HEATER BAY TO ADAPTOR AT FORMER 6, $\frac{3}{8}$ " o/d x 22G x 11' 0" LONG, GROUP	1	DTD323A		
	49/Q1918	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE, STARBOARD, TO ADAPTOR, FRONT SPAR, IN FUSELAGE, $\frac{5}{8}$ " o/d x 22G x 7' LONG, GROUP	1	DTD323A		
	50/Q1918	PIPE, FROM FLANGED ADAPTOR AT FUSELAGE SIDE TO SUCTION VALVE AT VACUUM PUMP, STARBOARD, $\frac{5}{8}$ " o/d x 22G x 10' 4" LONG, GROUP	1	DTD323A		
	51/Q1918	PIPE, FROM JOINT TO SEPARATOR, IN INBOARD NACELLE, STARBOARD, GROUP	1	DTD323A		

SERVICES  
VACUUM SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
	52/Q1918	PIPE, FROM JOINT, IN SEPARATOR PIPE TO VACUUM PUMP, IN INBOARD NACELLE, STARBOARD, 1/2" o/d x 22G x 6' LONG, GROUP				1	DTD323A		
	53/Q1918	PIPE, FROM ADAPTOR, IN FLOOR TO GAUGE PIPE CONNECTION, IN NOSE-WHEEL BAY, STARBOARD, 3/8" o/d x 22G x 2' 10" LONG, GROUP				1	DTD323A		
	54/Q1918	PIPE, FROM UNION TO FLEXIBLE PIPE AT LOW LEVEL SIGHTING HEAD, COMPLETE, ABOVE FLOOR, IN NOSE, GROUP				1	DTD323A		
	55/Q1918	PIPE, FROM UNION TO UNION, IN PIPE LINE TO LOW LEVEL SIGHTING HEAD, ABOVE FLOOR, IN NOSE, 3/8" o/d x 22G x 2' 10" LONG, GROUP				1	DTD323A		
	56/Q1918	PIPE, FROM GEAR BOX TO SEPARATOR, IN INBOARD NACELLE, STARBOARD, 1/2" o/d x 22G x 1' 7" LONG GROUP				1	DTD323A		
	57/Q1918	PIPE, FROM MANIFOLD TO FLANGED ADAPTOR AT FORMER "F", IN NOSE-WHEEL BAY, STARBOARD, 3/8" o/d x 22G x 1' 9" LONG, GROUP				1	DTD323A		
37J/6	—	Pump, vacuum (complete with gearbox) ...				1	—	A A C C A C C	
37J/30	—	Separator, oil ...				1	—		
26EA/33262	107/E1199	Tube, breather ...				1	—		
28F/9877	AGS1103/E	Union, 3/8" o/d. ...				3	—		
37J/102	—	Valve, suction, relief ...				1	—		
28F/8225	AGS1138/A	Washer, 0.39" i/d x 0.56" o/d x 0.08" thick ...				1	—		
28F/11953	AGS1186/E	Washer, 3/8" BSP. ...				5	—		

SERVICES—VACUUM SYSTEM  
SUMMARY OF STANDARD TIMES

Stores Ref.			Stores Ref.			Stores Ref.		
Section	Ref. No.	No. off	Section	Ref. No.	No. off	Section	Ref. No.	No. off
28F	9620	12	37G	508	1	37J	6	1
28F	9735	1	37G	8001	1	37J	30	1
28F	9748	5				37J	102	1
28F	9838	1						
28F	9817	1						
28F	10491	1						
28F	10568	1						
28F	10610	11						
28F	10712	1						
28F	10798	1						
28F	11763	1						
28F	11856	2						
28F	11953	5						
28F	12047	3						
28F	12048	5						
28F	14529	1						
28F	423227	1						



SHACKLETON Mk. 3

SERVICES

WINDSCREEN WIPER

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
		1	2	3	4			St.	
<b>WINDSCREEN WIPER ASSEMBLIES</b>									
Spares for:—									
<b>WINDSCREEN WIPER SYSTEM, PILOTS' (Q1992) (Q2045)</b>									
Spares for:—									
12701	0/20/SS3555 2Z9714 3Z9714	Adaptor, flanged, for pipes ... ..				4	—		
		COVER, WINDSCREEN PIPES, GRP. (Pre-Mod. 1009)				1	—	C	
		COVER, WINDSCREEN PIPES, GRP (Mod. 1009)				1	—		
	AGS1217/A DUNLOP ACO.20743	Nut, 1/8" BSP for pipes... ..				12	—		
10672	3/Q1992	Nipples... ..				16	—		
10673	5/Q1992	PIPE, PUMP TO FLANGED ADAPTOR, PORT SIDE, 1/8" o/d x 22G, GROUP				1	DTD323A	C	
10676	7/Q1992	PIPE, PUMP TO FLANGED ADAPTOR, STARBOARD SIDE 1/8" o/d x 22G, GRP				1	DTD323A	C	
10677	9/Q1992	PIPE, PUMP TO FLANGED ADAPTOR, STARBOARD SIDE 1/8" o/d x 22G, GRP				1	DTD323A	C	
10678	10/Q1992	PIPE, FLANGED ADAPTOR TO WIPER HEAD, STARBOARD., SIDE, 1/8" o/d x 22G, GROUP				1	DTD323A	C	
10675	11/Q1992	PIPE, FLANGED ADAPTOR TO WIPER HEAD, PORT SIDE, 1/8" o/d x 22G, GROUP				1	DTD323A	C	
10674	12/Q1992	PIPE, FLANGED ADAPTOR TO WIPER HEAD, PORT SIDE, 1/8" o/d x 22G, GROUP				1	DTD323A	C	
10679	13/Q1992	PIPE, FLANGED ADAPTOR TO WIPER HEAD, STARBOARD SIDE 1/8" o/d x 22G, GROUP				1	DTD323A	C	
27WW/107 28F/8109	DUNLOP AC10230 AGS949A	Pump unit, maxivue ... ..				2	—	A	
		Union, for pipes ... ..				4	—	C	
<b>WIPER, WINDSCREEN, BOMB AIMER'S FRONT WINDOW 10Z6827)</b>									
Spares for:—									
27WW/198	DUNLOP ACM16190	Arm, actuator ... ..				1	—	A	
4318	3Z6827	BEARING, FOR ARM, WINDOW CASTING, GROUP				1	—	C	
4319	3bZ6827	Bush, Oilite, type CT4, Ref. No. 060816				1	—	C	
27WW/239	DUNLOP ACM15590/15	Blade, wiper ... ..				1	—	C	
27WW/240	DUNLOP AC12626	Motor, wiper ... ..				1	—	A	

SMACKLETON Mk. 3

Page QU. 2

**SERVICES**  
**WINDSCREEN WIPER**

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Place and Illust'n No.
					Sc. M.R.	
		<b>WIPER, WINDSCREEN, BOMB AIMER'S FRONT WINDOW (10Z6827) (Cont'd)</b>				
	Z6827	PLATE, COVER, GROUP ... ..	1	—		
	7Z6827	STOP, OVERRIDE, PORT, GROUP ...	1	—		
7458	8Z6827	STOP, OVERRIDE, STARBOARD, GROUP	1	—	C	
		<b>WIPER, WINDSCREEN, PILOT'S, PORT AND STARBOARD, FRONT CENTRE PORTION (1 &amp; 2Z7868)</b> Spares for :—				
27WW/342	DUNLOP ACM17798	Arm, actuating assembly, port ... ..	1	—	B	
27WW/343	DUNLOP ACM17799	Arm, actuating assembly, starboard ...	1	—	B	
27WW/230 9711	DUNLOP ACO.7610 3Z7868	Blade, wiper 10" ... ..	1	—	C	
		Bolt, special for attaching actuating arm to wiper head	2	S110	C	
27WW/344 28P/12431	DUNLOP ACM17796 SP9/C6	Head, wiper ... ..	1	—	A	
		Pin, for attaching wiper blade to actuating arm	1	—	C	

SHACKLETON Mk. 3

SERVICES

A.S.V. PRESSURISATION SYSTEM

Ref. No.	Part No.	Description				No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
		1	2	3	4			M.R.	
		<b>INSTALLATION OF PRESSURISATION SYSTEM FOR A.S.V. EQUIPMENT IN SCANNER (Q2225)</b>							
		Spare's for :—							
6D/1405H	—	Bottle, air				1	—	A	
	1Q2223	<b>PANEL, PRESSURE EQUIPMENT, GROUP</b>				1	—		
		Spare's for :—							
27VA/6A/2688	DUNLOP ACM48302	Filter				1	—	A	
	—	Gauge, pressure, Mk. 14H, luminous				1	—	B	
6A/6A/2772	SMITH'S 126BG	Gauge, air pressure, 1½-2 p.s.i.				1	—		
	—	Label, for Mk. 14H gauge				1	—	C	
	2Q2223	<b>MANIFOLD, GROUP</b>				1	—		
	3Q2223	<b>PANEL, LESS EQUIPMENT, GROUP</b>				1	—		
	2Q2224	PIPE, ¼" o/d x 22G x 3" LONG, FILTER TO BLOW OFF VALVE, GROUP				1	DTD323A		
	3Q2224	PIPE, ¼" o/d x 22G x 10", CHARGING VALVE TO FILTER, GROUP				1	DTD323A		
	5Q2224	PIPE, ¼" o/d x 22G x 12", ELECTRO-MATIC TAP TO P.R.V., GROUP							
	15Q2224	PIPE, ½" o/d x 22G x 15", MANIFOLD TO PRESSURE GAUGE, GROUP				1	DTD323A		
	4Q2224	PIPE, ¾" o/d x 22G x 8", CHARGING VALVE TO MK. 14H GAUGE, GROUP				1	DTD323A		
	6Q2224	PIPE, ¼" o/d x 22G x 14", ELECTRO-MATIC TAP TO REGULATOR, GROUP				1	DTD323A		
	7Q2224	PIPE, ¼" o/d x 22G x 4", STUB FROM REGULATOR, GROUP				1	DTD323A		
	10Q2224	PIPE, ⅜" o/d x 22G x 5", REGULATOR TO MANIFOLD, GROUP				1	DTD323A		
6W/20	—	Regulator				1	—	A	
	6Q2223	Ring, split				1	—		
28Y/15486	DUNLOP AC11312 A58	Tap, electromatic				1	—		
	DUNLOP ACM15318	Valve, charging				1	—	B	
	DUNLOP ACM17500	Valve, blow-off				1	—		
	—	Valve, pressure reducing				1	—		

SERVICES

A.S.V. PRESSURISATION SYSTEM

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illustr'n No.
					St.	
		1 2 3 4				
<b>INSTALLATION OF PRESSURISATION SYSTEM FOR A.S.V. EQUIPMENT IN SCANNER (Q2225) (Cont'd)</b>						
	DUNLOP DN300/C16	Pipe, modulator to equipment panel manifold	1	—		
	DUNLOP DN300/C20	Pipe, T.R. to equipment panel manifold ...	1	—		
	8Q2224	PIPE, 1/4" o/d x 22G x 16", FROM AIR BOTTLE TO P.R.V., GROUP	1	DTD323A		
	9Q2224	PIPE, 1/4" o/d x 22G x 21", FROM AIR BOTTLE TO BLOW OFF VALVE, GROUP	1	DTD323A		
28U/5695	SP8Z/2	Rod, tension, for bottle straps ...	2	—	C	
	AS2424	Strap, air bottle ...	2	—		
	HV3429	Strap, helvin ...	2	—		
	NY3342	Stud, helvin ...	2	—		
28U/13999	AS2427	Trunnion, L/H...	2	—	C	
28U/13997	AS2428	Trunnion, R/H	2	—	C	

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