

RADIO-RADAR RANGING INSTALLATION

Ref. No.	Part No.	Description	1 2 3 4 5					No. Off	Material Specification	M.R. Class of Score	Plate No.
			1	2	3	4	5				
	E.259863	RADAR RANGING INSTALLATION, ASSEMBLY						—			
10D/18553	—	Box, junction, radar, type 370					1	—	A.		
10D/19678	—	Box, junction, type 4493					1	—	A.		
	B.234184	Box, relay, radar presentation, group (AS.830/30) ...					1	—			
5X/1002694	—	Block, terminal, 5-way					2	—	B.		
	A.212993	Lid					1	L.59			
	A.212709	Mounting, for relays					1	—			
	F.212710	Mounting, terminal block					1	—			
	A.220549	Relay					1	—			
1178	Std.1606/44/B12	Screw					10	Brass	C.	5	
	—	Cables, electrical (See cable chart)					—	—			
10H/0970055	Plessey CZ.51538	Cap, protective, code 42, for bulkhead connector at frame 6					4	—	C.		
	F.191915	Clamp, cable at frame 1C					2	LFS.21	C.		
1587	Std.2045/27/22	Clip, sleeved					2	S.510			
10250	Std.2045/18/24	Clip, sleeved					1	S.510			
	Std.840/23	Clip, $\frac{7}{16}$ " wide x 22 S.W.G. x 2-3" long					1	DTD.610	C.	4	
4670	Std.840/32	Clip, $\frac{7}{16}$ " wide x 22 S.W.G. x 3-2" long					1	DTD.610	C.	4	
4790	Std.840/36	Clip, $\frac{7}{16}$ " wide x 22 S.W.G. x 3-6" long					3	DTD.610	MR/C	4	
6009	Std.2045/21/24	Clip, sleeved					1	S.510			
	Std.2046/32/22	Clip, sleeved, securing cables					2	S.510			
	F.230556	Clip, securing plug and socket					1	L.72			
10H/19439	—	Connector, bulkhead, code 41, 2-way					1	—	B.		
10H/19445	—	Connector, bulkhead, code 42, 3-way					4	—	B.		
10H/19451	—	Connector, bulkhead, code 43, 4-way					1	—	B.		
10H/19457	—	Connector, bulkhead, code 45, 6-way					2	—	B.		
10H/20746	Plessey CZ.61880	Connector, bulkhead, code 41					1	—	B.		
	B.216549	Connector, inverter, type 206, group					1	—			
		Consisting of:—									
5F/	—	Braid, flexible, T.C., size 1"					QR	—	C.		
5E/3038	—	Cable, unipren, 6 amp.					13 ft.	—	C.		
5E/3042	—	Cable, unipren, 24 amp.					4 ft.	—	C.		
5X/2119	Plessey Z.22676/B	Ferrule, inner					2	—	C.		
5X/2122	Plessey Z.22675/B	Ferrule, outer					2	—	C.		
5X/1005131	Plessey Z.49428	Sleeve					12	—	C.		
5K/3455	—	Sleeve, helsyn plus, HT.20 x $\frac{3}{4}$ "					16	—	C.		
5X/7182	Plessey CZ.111440	Socket, climatic					2	—	B.		
5F/2036	—	Tube, $\frac{3}{8}$ " i/d					QR	P.V.C.	C.		
10HB/6614	E.227101/1	Connector, junction box (type 4493), to cathode follower					1	—	B.		
10HB/6615	E.22710/2	Connector, junction box (type 4493), to ranging unit					1	—	B.		
10HB/6616	E.22710/3	Connector, cathode follower unit (brown), to frame 6					1	—	B.		
10HB/7158	E.227101/4	Connector, ranging unit to frame 6					1	—	B.		
10HB/7159	E.227101/5	Connector, frame 6 to GGS control unit					1	—	B.		
10HB/6617	E.227101/6	Connector, frame 6 to target rejection switch ...					1	—	B.		
10HB/6618	E.227101/7	Connector, junction box (type 370) (red), to frame 6					1	—	B.		
10HB/6619	E.227101/8	Connector, frame 6 to A.C. junction box					1	—	B.		

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10HB/6620	E.227101/9	Connector, junction box (type 370) (grey), to frame 6	1	—	B.	
10HB/6621	E.227101/10	Connector, cathode follower unit (grey), to frame 6	1	—	B.	
10HB/6622	E.227101/11	Connector, junction box (type 4493) (white), to frame 6	1	—	B.	
10HB/6623	E.227101/12	Connector, frame 6 (Radar Lamps) to GGS control unit	1	—	B.	
10HB/6624	E.227101/13	Connector, junction box (type 370) (orange), to frame 6	1	—	B.	
10HB/6625	E.227101/14	Connector, frame 6 to frame 14	1	—	B.	
10HB/6626	E.227101/15	Connector, frame 6 to fuse holder	1	—	B.	
10HB/6627	E.227101/16	Connector, fuse holder to control unit (type 38)	1	—	B.	
10HB/6628	E.227101/17	Connector, radar head, to junction box (type 370)	1	—	B.	
10HB/6629	E.227101/18	Connector, junction box (type 370), to ranging unit	1	—	B.	
10HA/12716	E.227101/19	Connector, frame 1c to junction box (type 370) (white)	1	—	B.	
10HA/12720	E.227101/20	Connector, radar head to frame 1c	1	—	B.	
	D.232115	COOLING SYSTEM, ASSEMBLY	—	—		
	Std.840/68	Clip, attachment of pipes to frame 1D and discharge valve, $\frac{1}{16}$ " wide x 22 S.W.G. x 6-8" long (Make from 30B/1433)	3	DTD.610	C.	4
6184	Std.850/51	Clip, $\frac{1}{16}$ " wide x 22 S.W.G. x 5-1" long (AS.830/50)	1	DTD.610		
	Std.850/97	Clip, bonding, at four-way piece, $\frac{1}{16}$ " wide x 22 S.W.G. x 9-7" long (Make from 30B/1433)	1	DTD.610		
924	Std.1682/12	Clip, pipe coupling	2	S.3	C.	5
10137	Std.1682/16	Clip, pipe coupling	6	S.3		5
10129	B.232116	Connector, elbow, group	1	—	C.	
	F.232129	Spring	1	Sp. Stl.		
	F.232128	Washer	2	L.72 or L.65C		
27KD/12	Normalair 504300	Coupling, ground cooling	1	—	C	
10B/16396	—	Coupling, air (straight), assembly	1	—	B.	
10135	A.232152	Coupling, flexible pipe at frame 1C	1	—	C.	
10149	F.234308	Coupling, hose (AS.830/50)	1	Neoprene	C.	
	C.221976	Duct, cooling, inverter, hose coupling to stub wing (Pre Mod. 2420)	1	—	MR	
	A.236689	Duct, cooling, inverter hose coupling to inverter (Mod. 2420)	1	L.59 and L.67		
	A.236690	Duct, cooling, inverter, hose coupling to stub wing (Mod. 2420)	1	L.59 and L.67		
	A.221975	Duct, cooling, inverter, hose coupling to inverter	1	—	MR	
3772	Std.1306/G/25	Hose, connection, pipe to ground cooling coupling	2	DTD.625	MR/C	4
	Std.1306/E/25	Hose, connection, four-way piece to pipe	1	DTD.625		
	Std.1306/U/30	Hose, connection, four-way piece to non-return valve	1	DTD.625		
2144	Std.1231/3	Lug, locking, on inverter mounting	1	S.3	C.	4
	F.213815	Packing, radiused, for pipe clip at frame 1D, port	1	L.72		
10130	A.232118	Piece, four-way (alternative to A.232710)	1	—	C.	MA.1
10130	A.232710	Piece, four-way (alternative to A.232118)	1	—	C.	MA.1
10131	A.232119	Pipe, cooling, frame 1D to frame 3	1	—	C.	MA.1
10132	A.232120	Pipe, cooling, frame 3 to four-way piece	1	—	C.	MA.1
10133	B.232121	Pipe, cooling, frame 1C to frame 1D	1	—	C.	MA.1
	A.213787	Pipe, cooling, to ground cooling coupling	1	—	MR	MA.1
10134	A.232117	Pipe, cooling, four-way piece to coupling	1	L.67	C.	MA.1
	1715 Std.1744/12	Sleeve, pipe coupling	1	Silicone	C.	5
10138	Std.1744/16	Sleeve, pipe coupling	3	Silicone	C.	5
10136	F.232096	Support, for pipe at frames 1C and 3	4	LFS.21	C.	MA.1
3970	Std.1509/12/020	Tube, distance (AS.900/100)	1	T.4		

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			1	2	3	4	5				
2789	Std.914/G/20	Washer, at pivot bolt...						2	DTD.610	C.	4
673	Std.1547/28/10	Washer, profile...						4	DTD.610	C.	4
	C.207738	MOUNTING, FOR RADAR UNITS FORWARD OF FRAME 1C, ASSEMBLY						-	-		
	F.200945	Angle, for cross member ...						1	L.72		
	F.200946	Angle, for cross member ...						1	L.72		
	F.200947	Angle, for cross member ...						1	L.72		
	F.200948	Angle, for cross member ...						1	L.72		
1588	F.181900	Angle, bracing strut attachment to side beam ...						2	DTD.610	C.	
6789	C.181894	Beam, mounting, port ...						1	—	MR/C	MA.1
6790	C.181895	Beam, mounting, starboard ...						1	—	MR/C	MA.1
1589	A.181898	Bracket, channel, bracing strut attachment to side beam, port						1	DTD.610	C.	MA.1
1590	A.181899	Bracket, channel, bracing strut attachment to side beam, starboard						1	DTD.610	C.	MA.1
	B.213059	Bracket, diagonal strut attachment to front cross member (items 1 and 2 wired together)						1	—		
9101	—	Catch, radar head unit attachment, group (C.207738) Consisting of :-						2	—	B.	
9731	A.222846	Button, assembly ...						1	—		
	RID.1004/3	Nut ...						1	—		
	RID.1004/4	Spring ...						1	—		
	RID.1004/1	Stud ...						1	—		
	RID.1004/2	Washer ...						1	—		
6791	B.181896	Cross-member ...						1	DTD.610	MR/C	MA.1
	B.200943	Cross-member ...						1	L.72		
	B.200944	Cross-member ...						1	L.72	B.	
14A/4936	W. Vinten Ltd.	Mounting, for camera, type G90 ...						1	—	B.	
9669	C.219297	Mounting, camera gun ...						1	L.72	C.	MA.1
2703	F.183512	Packing, bracing strut attachment to side beam, port						1	DTD.610	MR/C	MA.1
2704	F.183513	Packing, bracing strut attachment to side beam, starboard						1	DTD.610	MR/C	MA.1
9102	F.220373	Plug-end, in bracing strut ...						2	L.65.C	C.	MA.1
2705	F.181902	Shim, attachment of channel at frames 1C ...						2	DTD.610	MR/C	MA.1
9100	A.221873	Strut, bracing ...						2	T.4	C.	MA.1
9114	A.213102	Strut, diagonal ...						1	—		
3804	Std.1509/2/068	Tube, distance, 1" o/d x 22 S.W.G. x 0.68" long						4	T.4	MR/C	4
	Std.1510/12/038	Tube, distance, 1" o/d x 22 S.W.G. x 0.38" long						2	T.4		
1327	Std.1547/24/12	Washer, profile...						4	DTD.610	C.	4
673	Std.1547/28/10	Washer, profile...						4	DTD.610	C.	4
8548	F.219178	Plate, nut, at radar junction box ...						2	—	C.	MA.1
10H/18892	—	Plug, shorting, Mk. 4, 12-way ...						1	—	B.	
10H/18893	—	Plug, shorting, Mk. 4, 18-way ...						1	—	B.	
3859	Std.1606/45/B10	Screw, securing target reject switch ...						2	Brass	C.	5
5F/2281	AS.2508	Strapping ...						QR	—	C.	
5F/9434855	AS.2509	Stud ...						QR	—	C.	
5CW/7539	C.W.C. Ltd. XD.777	Switch, target rejection ...						1	—	B.	
5CW/4346	Rotax 100397/20	Transfer, "IN" ...						2	—	C.	

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		1	2	3	4	5				
5CW/4347	Rotax 100397/43						2	—	C.	
	Std.1509/13/020						1	—		
10Q/16076	—						1	—	A.	
10AD/677	—						1	—	A.	
5UC/6164	B.T.H.						1	—	A.	
	CX.150366									
10H/	Plessey						1	—	C.	
0970049	Z.54105						8	Rubber		MA.1
8542	F.218943						12	—		
	Std.1208/64/13/50									

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		1	2	3	4	5				
SUMMARY OF STOCK ITEMS										
28D/1007971	A25.1.B	Bolt,	4	B.A.
28D/1010658	A25.1.B	Bolt,	4	B.A.
28D/1008149	A25.2.B	Bolt,	4	B.A.	...	...	...	...	...	...
28D/9036938	A25.1.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/9133011	A25.2.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/9133012	A25.3.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/12533	A25.5.C	Bolt,	2	B.A.	...	...	...	...	...	...
28M/1010030	A25.7.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/9140645	A25.10.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/9435710	A25.11.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/1011029	A25.1.E	Bolt,	1"	B.S.F.	...	...	...	...	...	...
28D/1008151	A25.4.E	Bolt,	1"	B.S.F.	...	...	...	...	...	...
28D/1010031	A25.8.E	Bolt,	1"	B.S.F.	...	...	...	...	...	...
28D/1007975	AS.1242.1.C	Bolt,	2	B.A.	...	...	...	...	...	...
28D/8308	AS.1242.3.C	Bolt,	2	B.A.	...	...	...	...	...	...
28E/8184	AGS.605 Mk. 2	Clip,		jubilee	...	...	...	...	...	...
28E/8185	AGS.605 Mk. 3	Clip,		jubilee	...	...	...	...	...	...
28E/8186	AGS.605 Mk. 4	Clip,		jubilee	...	...	...	...	...	...
28E/15228	AGS.1000 Mk.1.X	Clip,		hose	...	...	...	...	...	...
5K/119	AGS.1661/H	Clip,		bonding	...	...	...	...	...	...
28E/8184	AGS.1000 Mk. 2	Clip,		hose	...	...	...	...	...	...
5K/3390	AS.3360/B3B	Lead,		bonding	...	...	...	...	...	...
5K/3355	AS.3360/B4B	Lead,		bonding	...	...	...	...	...	...
5K/3373	AS.3360/B5B	Lead,		bonding	...	...	...	...	...	...
5K/3394	AS.3360/B6B	Lead,		bonding	...	...	...	...	...	...
5K/3414	AS.3360/B9B	Lead,		bonding	...	...	...	...	...	...
5K/3405	AS.3360/B3C	Lead,		bonding	...	...	...	...	...	...
5K/3371	AS.3360/B4C	Lead,		bonding	...	...	...	...	...	...
5K/3397	AS.3360/C3C	Lead,		bonding	...	...	...	...	...	...
5K/3389	AS.3360/C4C	Lead,		bonding	...	...	...	...	...	...
28M/9403520	A27.CP	Nut,	2	B.A.	...	...	...	...	...	...
28M/10328	AGS.2002.C1	Nut,	2	B.A.	...	...	...	...	...	...
28M/1011467	A27.ES	Nut,	1"	B.S.F.	...	...	...	...	...	...
28M/10327	AGS.2002.B1	Nut,	4	B.A.	...	...	...	...	...	...
28P/19153	SP.90.C5	Pin,		split	...	...	...	...	...	...
28P/19154	SP.90.C7	Pin,		split	...	...	...	...	...	...
28Q/4900	AS.155/303	Rivet	...	...	...	...	...	...	...	...
28W/9419474	SP.15B	Washer,	4	B.A.	...	...	...	...	...	...
28W/9419475	SP.15C	Washer,	2	B.A.	...	...	...	...	...	...
28W/9419404	SP.16C	Washer,	2	B.A.
28W/9418921	SP.13E	Washer,	1"	B.S.F.
28W/9419487	SP.16E	Washer,	1"	B.S.F.

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