

**RADIO AND RADAR INSTALLATIONS
INSTALLATION OF RADIO ALTIMETER
(A.R.I.18215/1)**

Ref. No.	Part No.	Description	No. off										Material Specification	Class of Score or L.M.	Plate No.		
			1	2	3	4	5	6	7	8	9	10					
	—	INSTALLATION OF RADIO ALTIMETER (A.R.I. 18215/1) (Drg. Nos. 10-20 R 2559 and 10-20 R 2543)												1	—	—	
28E/9000882	AS.3180/7B	CLIP , "P," cable securing, power unit												1	—	C	
		Attachments for AS.3180/7B, Clip:—															
28S/9419438	A33/B10	Screw, 4 BA												1	—	C	
28W/9419465	SP.13/B	Washer												1	—	C	
28E/14242	AS.5418/7	CLIP , "P," cable securing (Pre Mod. 1101)												3	—	C	
28E/1201808	AS.3180/6C	CLIP , "P," cable securing												2	—	C	
28E/1201809	AS.3180/6B	CLIP , "P," cable securing (Mod. 1328)												1	—	C	
		Attachments for AS.3180/6B, Clip:—															
28S/9992522	A32/B16	Screw, 4 BA												1	—	C	
		Attachments for AS.5418/7, Clip:—(At aerial cable clip on gear box beam, Starboard)															
28S/1008327	A32/B14	Screw, 4 BA												1	—	C	
28W/9419465	SP.13/B	Washer												1	—	C	
28E/1006377	AS.3180/12B	CLIP , "P," securing radio altimeter aerial cable at fire-wall, Port												2	—	C	
28E/1201808	AS.3180/6C	CLIP , "P," securing radio altimeter aerial cable under cockpit floor												2	—	C	
	10-20 R 2685A	CLIP , "P," special cable securing, adjustable strut, assembly												1	—	—	NE1
	10-20 R 2683ND	CLIP , bare, 22 SWG												1	L.72	LM	NE1
6381	DHS.181/9	TUBING , 9 m/m i/d, 1"-5 long												QR	—	C	NE1
		Attachments for 10-20 R 2685A, Clip:—															
28D/9706306	A25/17E	Bolt, 1/2 BSF												1	—	C	
28M/10290	AGS.2001/E/1	Nut, 1/2 BSF												1	—	C	
28W/9419405	SP.15/E	Washer												1	—	C	
28W/14183	AS.1903/E12																
	OR																
28W/17054	AS.1905/E12	Washer, saddle												1	—	C	
	10-20 R 2689A	CLIP , "P," special cable securing pressure bung, cockpit floor, assembly												1	—	—	NE1
	10-20 R 2687ND	CLIP , bare, 20 SWG												1	L.72	LM	NE1
6381	DHS.181/9	TUBING , 9 m/m i/d, 2"-5 long												QR	—	C	NE1
		Attachments for 10-20 R 2689A, Clip:—															
28S/1007817	A32/B24	Screw, 4 BA												1	—	C	
28W/9419474	SP.15/B	Washer												1	—	C	
13006	10-20 R 2431A	FAIRLEAD (part), radio altimeter aerial cables on front firewall, coded "HJ," Port and "HH," Starboard, assembly (Pre Mod. 1101)												2	—	C	
13470	10-20 R 3501A	FAIRLEAD (part), radio altimeter aerial cables on front firewall, coded "HJ," Port and "HH," Starboard, assembly (Pre Mod. 1101)												2	—	C	
		Attachments for 10-20 R 2431A and 10-20 R 3501A, Fairlead:—															
28D/9140635	A25/3A	Bolt, 6 BA												1	—	C	
28D/1008148	A25/5A	Bolt, 6 BA												2	—	C	
28M/10286	AGS.2001/A/1	Nut, 6 BA												3	—	C	
28W/9419464	SP.13/A	Washer												3	—	C	

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							1	2	3
	—	FAIRLEADS , radio altimeter aerial cables at front, firewall, group (Mod. 1328)	1	—	—				
20430	10-20 R 9397A	CLAMP , at fairlead, coded "HJ," Port, assembly ...	1	—	C	NE1			
20432	10-20 R 9385A	CLAMP , at fairlead, coded "HH," Starboard, assembly	1	—	C	NE1			
20431	10-20 R 9395A	FAIRLEAD , coded "HJ," Port, assembly ...	1	—	C	NE1			
20433	10-20 R 9379A	FAIRLEAD , coded "HH," Starboard, assembly ...	1	—	C	NE1			
		Attachments for 10-20 R 9397A, Clamp and 10-20 R 9395A, Fairlead or 10-20 R 9385A, Clamp and 10-20 R 9379A, Fairlead :—							
28D/9140635	A25/3A	Bolt, 6 BA	1	—	C				
28D/1008148	A25/5A	Bolt, 6 BA	2	—	C				
28M/10286	AGS.2001/A/1	Nut, 6 BA	3	—	C				
28W/9419464	SP.13/A	Washer	3	—	C				
	—	INSTALLATION AT PILOT'S INSTRUMENT PANEL, CODED "B" (Drg. Nos. 10-22 N 1911A, Mod. 1098 and 10-20 R 2543)	1	—	—				
	10-20 N 5749A	CABLE , coded: "B5," assembly ...	1	—	ECC				
	10-20 N 24879A/ CABLES	CABLES , link (Mod. 1549, Pre Mod. 1500) ...	QR	—	ECC				
	10-22 N 3789A/ CABLES	CABLES , link (Mods. 1500 and 1549) ...	QR	—	ECC				
	10-20 R 2607A	CABLE , coded "SW.UNIT-B5," assembly ...	1	—	ECC				
	10-20 R 3989A	CABLE , coded: "TR-IND.10," assembly (Mod. 1032)	1	—	ECC				
	—	INDICATOR , master (See sub-section FB)	—	—	—				
	—	LAMPS, INDICATOR, GROUP ...	1	—	—				
5L/9959118	—	FILAMENT , 28V, .04 amp....	3	—	C				
	PAGE ENGINEERING	SWITCH , push button, illuminated amber ...	1	—	C				
5CW/6462	C.180/C/7	SWITCH , push button, illuminated green ...	1	—	C				
5CW/6461	C.180/B/7	SWITCH , push button, illuminated red ...	1	—	C				
5CW/6460	C.180/A/7								
	—	INSTALLATION AT PANEL, CODED "H" (See sub-section ECC)	1	—	—				
	—	INSTALLATION AT STARBOARD REAR CONSOLE, PANEL, CODED "L" (Drg. No. 10-20 R 2543)	1	—	—				
	10-20 R 2605A	CABLE , coded "TR-SW.UNIT," assembly ...	1	—	ECC				
	—	SWITCH UNIT (See sub-section FB)	—	—	—				
	—	INSTALLATION AFT OF PILOT'S SEAT (Drg. Nos. 10-20 R 2543 and 10-20 R 9001 Mod. 335)	1	—	—				
	10-20 R 2603A	CABLE , coded "PU," assembly ...	1	—	ECC				
	10-20 R 2601A	CABLE , coded "TR-PU," assembly ...	1	—	ECC				
20443	10-20 R 9403A	CABLE , coded "AE-TR (TX-AE)," assembly ...	1	—	C				
20444	10-20 R 9405A	CABLE , coded "AE-TR (RX-AE)," assembly ...	1	—	C				
	10-20 R 3569A	PLUG and SOCKET , bonding transmitter-receiver to mounting, assembly (Mod. 117)	1	—	LM	NE1			
	10-20 R 3571A/ND	LEAD , bonding, flexible, assembly...	1	—	—	NE1			

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Ref. No.	Part No.	Description	No. of	Material Specification	Class of Store of L.M.	Place No.			
							1	2	3
5K/4423	PLESSEY 16/4"/0048	LEAD , bonding, flexible	QR	—	C				
5X/3242	PLESSEY Z.28147	PIN , plug, 19 amp.	1	—	C				
5X/6509	ERMA	TAG , 4 BA	1	—	C				
5K/4423	10-20 R 3573A/ND	LEAD , bonding, flexible, assembly	1	—	—	NE1			
5935-99-948-5099	PLESSEY 16/4"/0048	LEAD , bonding, flexible	QR	—	C				
5X/6508	PLESSEY 2CZ.109945	SOCKET	1	—	C				
	ERMA	TAG , 2 BA	1	—	C				
	10-20 R 3575	Attachments: for 10-20 R 3569A, Plug and Socket:—							
28M/10287	AGS.2001/B/1	Clip, bonding, 22 SWG	1	L.72	LM	NE1			
28S/9992522	A32/B16	Nut, 4 BA	1	—	C				
28VV/9419465	SP.13/B	Screw, 4 BA	1	—	C				
	—	Washer	1	—	C				
10K/17035	—	POWER UNIT , Type 814	1	—	P				
28D/1011030	A25/2E	Attachments: for Ref. No. 10K 17035, Power Unit:—							
28VV/9418921	SP.13/E	Bolt, 1/2" BSF	2	—	C				
	—	Washer	2	—	C				
10H/0970056	PLESSEY CZ.51539	TRANSMITTER-RECEIVER , group (Drg. No. 10-22 R 175A)	1	—	—				
18251	10-22 R 163A	CAP , protective	1	—	C				
	—	MOUNTING , radio altimeter, assembly (Mod. 1183)	1	—	P	NE1			
12091	10-20 R 1047A/1	Spares for:—							
	—	PLUNGER , assembly	1	—	C	NE1			
28D/11540	AS.1246/2B	Attachments: for 10-20 R 1047A/1, Plunger:—							
	10-20 R 1143	Bolt, 4 BA	1	—	C				
28W/9419465	SP.13/B	Screw, 4 BA (Make from Part No. AS.1242/1B, Ref. No. 28D/8300)	2	S.96	LM	NE1			
	—	Washer	1	—	C				
	10-20 R 1051A	STRAP (two halves), assembly	2	—	—	NE1			
	10-20 R 771	HINGE	2	DTD.423	LM	NE1			
	10-20 R 1063A/ND	STRAP , half, long, assembly	1	—	—	NE1			
	10-20 R 1057ND	STRAP , bare, 18 SWG	1	L.72	LM	NE1			
	10-20 R 1059ND	STRIP , sorbo rubber, 1/8" thick (Attach with Bostik "C")	1	—	LM	NE1			
	10-20 R 1061A/ND	STRAP , half, short, assembly	1	—	—	NE1			
	10-20 R 1053ND	STRAP , bare, 18 SWG	1	L.72	LM	NE1			
	10-20 R 1055ND	STRIP , sorbo rubber, 1/8" thick (Attach with Bostik "C")	1	—	LM	NE1			
	10-20 R 773ND	TUBE , reinforcing (1/2" o/d x 18 SWG x 1'-0 long)	2	L.55	LM	NE1			
8438	10-20 R 2597	Attachments: for 10-20 R 1051A, Strap:—							
28M/10288	AGS.2001/C/1	Bolt, threaded, 2 BA, strap adjusting	1	—	C	NE1			
28P/1013110	SP.4Y/B18	Nut, 2 BA	1	—	C				
28P/9527619	SP.90/C7	Pin, shackle	2	—	C				
8436	10-20 R 781	Pin, split, shackle pin securing (SP.9/C8)	2	—	C				
	—	Washer, special saddle	2	—	C	NE1			
	10-20 R 1149ND	STRIP , sorbo rubber, 1/8" thick (Attach with Bostik "C")	3	—	LM	NE1			
10D/23845	—	TRANSMITTER-RECEIVER , Type T.R.1576A ...	1	—	P				

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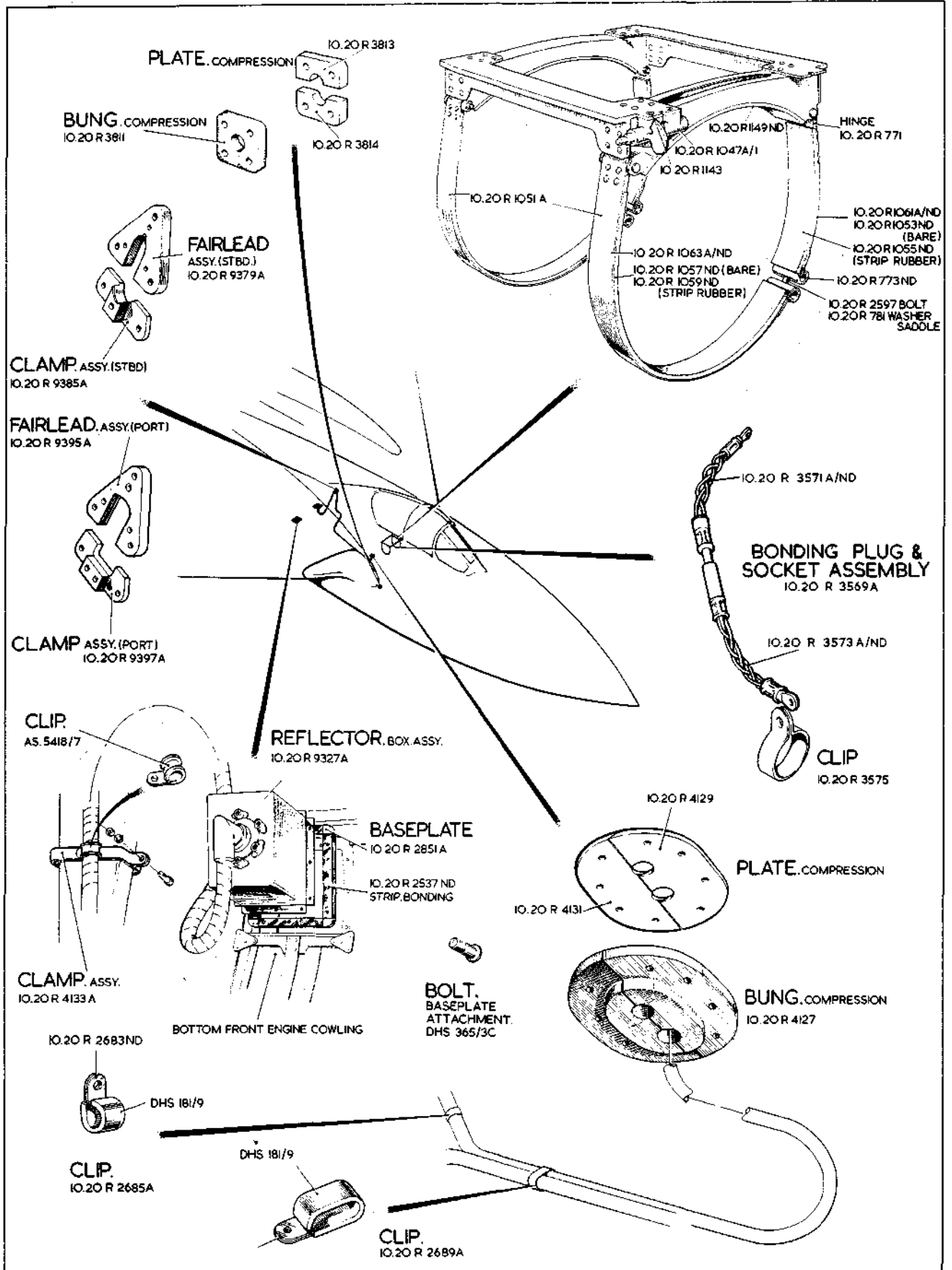
Ref. No.	Part No.	Description	No. off										Material Specification	Class of Store or L.M.	Plate No.	
			1	2	3	4	5	6	7	8	9	10				
	—	INSTALLATION AT COCKPIT FLOOR, AFT, CODED "ALT" (Drg. No. 10-20 R 2543)											1	—	—	
20437	10-20 R 3811	BUNG , compression, split											1	—	C	NE1
20438	10-20 R 3813	PLATE , compression, half } matched											1	—	C	NE1
20439	10-20 R 3814	PLATE , compression, half } pair											1	—	C	NE1
		Attachments for 10-20 R 3813 and 10-20 R 3814, Plate (per pair) :—														
28D/11890	AS.1246/5C	Bolt, 2 BA											4	—	C	
28W/9419402	SP.13/C	Washer, 2 BA											4	—	C	
	—	INSTALLATION AT COCKPIT FLOOR, AFT, CODED "MC" (Drg. No. 10-20 R 2543)											1	—	—	
20434	10-20 R 4127	BUNG , compression, split											1	—	C	NE1
20435	10-20 R 4129	PLATE , compression, half } matched											1	—	LM	NE1
20436	10-20 R 4131	PLATE , compression, half } pair											1	—	LM	NE1
		Attachments for 10-20 R 2899 and 10-20 R 2901, Plate (per pair) :—														
28D/9140638	A25/4B	Bolt, 4 BA											8	—	C	
28W/9419465	SP.13/B	Washer											8	—	C	
	—	INSTALLATION AT REAR PRESSURE BULK-HEAD, CODED "Q" (See sub-section ECC)											—	—	—	
	—	INSTALLATION AT WING DECK PANEL, STARBOARD, CODED "FB" (See sub-section EEC)											—	—	—	
	—	INSTALLATION AT FORWARD ENGINE BAY											1	—	—	
	—	INSTALLATION OF AERIALS TO BOTTOM FRONT ENGINE COWLING, PORT (Drg. No. 10-20 R 9339) (Mod. 1328)											1	—	—	
10B/16940	10-20 R 9335A	AERIAL AND REFLECTOR , assembly ...											1	—	—	
	—	AERIAL , Type 13115											1	—	P	
		Attachments for Ref. No. 10B/16940, Aerial :—														
28D/9436920	A25/1C	Bolt, 2 BA											6	—	C	
28W/9419402	SP.13/C	Washer											6	—	C	
20440	10-20 R 9327A	REFLECTOR , box, assembly											1	—	C	NE1
9145	10-20 R 2851A	BASEPLATE , assembly											1	—	C	NE1
		Spares for :—														
	10-20 R 2537ND	STRIP , bonding ("003 thick) (Attach with Araldite "D")											4	Alumn. Foil	LM	NE1
		Attachments for 10-20 R 2851A, Baseplate :—														
1792	DHS.365/3C	Bolt, 2 BA											14	—	C	NE1
28M/10288	AGS.2001/C/1	Nut, 2 BA											10	—	C	
28W/9419402	SP.13/C	Washer											10	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M.	Plate No.			
							1	2	3
	—	INSTALLATION OF AERIALS TO BOTTOM FRONT ENGINE COWLING, STARBOARD (Drg. No. 10-20 R 9339) (Mod. 1328)	1	—	—				
	10-20 R 9337A	AERIAL AND REFLECTOR, assembly	1	—	—				
108/16940	—	AERIAL, Type 13115	1	—	P				
28D/9436920	A25/1C	Attachments for Ref. No. 108/16940, Aerial :—							
28W/9419402	SP.13/C	Bolt, 2 BA	6	—	C				
		Washer	6	—	C				
20441	10-20 R 9329A	REFLECTOR, box, assembly	1	—	C				
9145	10-20 R 2851A	BASEPLATE, assembly	1	—	C				
		Spares for :—							
	10-20 R 2537ND	STRIP, bonding ("003 thick) (Attach with Araldite "D")	4	Alumn. Foil	LM				
		Attachments for 10-20 R 2851A, Baseplate :—							
1792	DHS.365/3C	Bolt, 2 BA	14	—	C				
28M/10288	AGS.2001/C/1	Nut, 2 BA	10	—	C				
28W/9419402	SP.13/C	Washer	10	—	C				
	—	INSTALLATION AT ENGINE COWLING DOOR (Drg. No. 10-20 R 9419) (Mod. 1328)	2	—	—				
20442	10-20 R 4133A	CLAMP, assembly, at engine cowling door ...	1	—	C	NE1			
		Attachments for 10-20 R 4133A, Clamp :—							
28D/9436920	A25/1C	Bolt, 2 BA	1	—	C				
28M/10288	AGS.2001/C/1	Nut, 2 BA	1	—	C				
28W/9419402	SP.13/C	Washer	1	—	C				
28E/14633	AS.5418/9	CLIP, "P," at clamp	1	—	C	NE1			
		Attachments for AS.5418/9, Clip :—							
28M/10287	AGS.2001/B/1	Nut, 4 BA	1	—	C				
28W/9419465	SP.13/B	Washer	1	—	C				
28E/14633	AS.5418/9	CLIP, "P," at cowling panel	1	—	C	NE1			
		Attachments for AS.5418/9, Clip :—							
28S/14005	A32/B14	Screw, 4 BA	1	—	C				
28W/9419465	SP.13/B	Washer	1	—	C				
5F/9434858	—	STRAP, cable securing, 1/8" wide	QR	—	C	NE1			
5F/9434857	—	STRAP, cable securing, 1/4" wide	QR	—	C	NE1			
5F/2302	—	STUD, for 1/4" cable strap	QR	—	C	NE1			
5F/9138823	—	STUD, for 3/8" cable strap	QR	—	C	NE1			
28W/9419401	SP.10/B	WASHER, at "P" clips securing radio altimeter cable at firewall, Port	2	—	C				
28W/9419401	SP.10/B	WASHER, at "P" clip securing radio altimeter cable at firewall, Starboard	1	—	C				
32B/	—	TAPE, identification numbers and letters, use from Ref. Nos. 32B/1087 to 32B/1120 inclusive as required	QR	—	C				

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		1	2	3	4	5	6	7	8	9	10					



NE. I

RADIO & RADAR

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