

SERVICES

RADAR AND T.A.C.A.N. COOLING INSTALLATION

Ref. No.	Part No.	Description	No. off						Material Specification	Class of Store or L.M.	Plate No.
			1	2	3	4	5	6			
	—	INSTALLATION OF RADAR COOLING IN NOSE (Drg. No. 10-20 V 2185)	1						—	—	QZ1
28E/20018	SP.91/H	CLIP , hose, adjustable	15						—	C	
7234	10-20 V 2511	CONNECTOR , pipe	4						—	C	QZ1
9867	10-20 V 2515A	CONNECTOR , pipe, assembly	1						—	C	QZ1
13223	10-20 V 3673	CONNECTOR , pipe, assembly	1						—	C	QZ1
12031	10-20 V 2557	HOSE , transmitter/receiver cooling pipe	1						—	C	QZ1
5727	10-20 V 2553	HOSE , code No. 35, wave form generator	1						—	C	QZ1
5726	10-20 V 2551	HOSE , code No. 36, pulse power unit	1						—	C	QZ1
5725	10-20 V 2549	HOSE , code No. 37, modulator unit	1						—	C	QZ1
5728	10-20 V 2687	HOSE , code No. 38, transmitter/receiver	1						—	C	QZ1
5728	10-20 V 2687	HOSE , code No. 39, power unit (main)	1						—	C	QZ1
5727	10-20 V 2553	HOSE , code, No. 40, servo unit	1						—	C	QZ1
12031	10-20 V 2557	HOSE , code No. 41, ranging unit	1						—	C	QZ1
	—	PIPE , transmitter/receiver cooling, group (Drg. No. 10-20 V 3871)	1						—	—	
28E/20018	SP.91/H	CLIP , hose, adjustable	2						—	C	
7234	10-20 V 2511	CONNECTOR , pipe	1						—	C	QZ1
12031	10-20 V 2557	HOSE	1						—	C	QZ1
13155	10-20 V 3869A	PIPE , assembly	1						—	C	QZ1
	—	VALVE , discharge, and air distributor, group (Drg. No. 10-20 V 1923)	1						—	—	QZ1
26DL/16096	DHS.1373/16 KING AIRCRAFT	CLAMP , assembly (Mod. 949)	1						—	C	QZ1
18242	C.4370/1/H Mk. 2	CLAMP , pipe	1						—	C	QZ1
28E/19823	SP.91/G	CLIP , hose, adjustable	2						—	C	
28E/20021	SP.91/R	CLIP , hose, adjustable	2						—	C	
	10-20 V 3619A	DISTRIBUTOR , air, assembly	1						—	—	QZ1
13153	10-20 V 3717A/ND	DISTRIBUTOR , less relief valve, assembly ... Attachments for 10-20 V 3717A/ND, Distributor :—	1						—	P	QZ1
28D/9436920	A25/1C	Bolt, 2 BA	8						—	C	
28W/9419402	SP.13/C	Washer	8						—	C	
	10-20 Z 18137A	VALVE , duct relief, assembly	1						—	—	QZ1
13154	10-20 Z 17749ND	PIN (replacing pin supplied with Part No. 512420, Valve)	1						—	C	QZ1
27KD/1116	NORMALAIR 512420	VALVE , duct relief (For breakdown see AP.4515R, Vol. 3, Pt. 1) Attachments for 10-20 V 3619A, Distributor :—	1						—	P	QZ1
28D/9133011	A25/2C	Bolt, 2 BA	5						—	C	
28M/10288	AGS.2001/C/1	Nut, 2 BA	2						—	C	
28W/9419454	SP.10/C	Washer	3						—	C	
28W/9419402	SP.13/C	Washer	2						—	C	
11680	10-20 V 1759	GASKET , lower inlet pipe	1						—	C	QZ1

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13617	DUNLOP DAS.393/64/3	HOSE , between air distributor and discharge valve	1	—	C	QZ1
26FC/11820	DUNLOP DAS.393/16/2	HOSE , between upper and lower inlet pipes ...	1	—	C	QZ1
5K/3355	AS.3360/B4B	LEAD , bonding, flexible	1	—	C	
5K/3373	AS.3360/B5B	LEAD , bonding, flexible	1	—	C	
		Attachments for AS.3360/B4B or AS.3360/B5B, Lead :—				
28D/1010658	A25/1B	Bolt, 4 BA	2	—	C	
28E/14212	AS.5418/16	Clip, "P"	2	—	C	
28M/10327	AGS.2002/B/1	Nut, 4 BA	2	—	C	
28VV/9419465	SP.13/B	Washer	2	—	C	
13152	10-20 V 3683A/ND	PIPE , inlet, lower portion, code No. 51, assembly	1	—	C	QZ1
13151	10-20 V 3679A/ND	PIPE , inlet, upper portion, code No. 51, assembly	1	—	C	QZ1
26DV/6652	DHS.413/4	RING , sealing	1	—	C	QZ1
	OR					
28F/17672	AS.5401	RING , sealing	1	—	C	QZ1
7239	DHS.413/16					
	OR					
28F/17231	AS.5408	VALVE , 4"0 military discharge (Mod. 479)	1	—	P	QZ1
27KD/1002	NORMALAIR 512440	(Normalair Mod. 4 B.M.) (For break-down see AP.4515R, Vol. 3, Pt. 1)				

RADAR AND T.A.C.A.N. COOLING INSTALLATION

Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or LM	Plate No.
	—	INSTALLATION OF RADAR AND T.A.C.A.N. COOLING IN COCKPIT (Drg. No. 10-20 V 8763) (Mod. 1001)	1	—	—	QZ2
	—	BLOWER , T.A.C.A.N. cooling, group (Drg. No. 10-20 V 8235) (Mod. 10001)	1	—	—	QZ2
17061	10-20 V 8317A	ADAPTER , fabricated, hose, assembly ...	1	—	C	QZ2
	10-20 V 3175A/ND	BLOWER , assembly ...	1	—	—	QZ2
	10-20 V 3263A/ND	BLOWER , axial flow, assembly (Make from PLANNAIR 3-PL-181-237, Ref. No. 5UD/6764)	1	—	LM	QZ2
28D/9140203	AS.1246/3C	BOLT , 2 BA ...	4	—	C	
28D/1215080	AS.1246/7C	BOLT , 2 BA ...	4	—	C	
9859	10-20 V 2933A	DUCT , conical, assembly ...	1	—	C	QZ2
9860	10-20 V 2935	GASKET ...	1	—	C	QZ2
28M/10288	AGS.2001/C/1	NUT , 2 BA ...	8	—	C	
9861	10-20 V 2931A	PLATE , cover, perforated, assembly ...	1	—	C	QZ2
14368	DHS.181/6	TUBING , PVC. 6 m/m. i/d. ...	QR	—	C	
28W/9419475	SP.15/C	WASHER ...	8	—	C	
28D/9140203	AS.1246/3C	Attachments for 10-20 V 3175A/ND, Blower :—				
28D/1215080	AS.1246/7C	Bolt, 2 BA ...	2	—	C	
28W/9419475	SP.15/C	Bolt, 2 BA ...	2	—	C	
		Washer ...	4	—	C	
28E/19823	SP.91/G	CLIP , hose, adjustable ...	1	—	C	
28E/19824	SP.91/J	CLIP , hose, adjustable ...	4	—	C	
9862	10-20 V 3177	HOSE ...	2	—	C	QZ2
17062	10-20 V 8215A	SCOOP , cooling, assembly (Mod. 1001) ...	1	—	C	QZ 2
		Attachments for 10-20 V 8215A, Scoop :—				
28D/1007285	AS.1242/1B	Bolt, 4 BA ...	5	—	C	
26DL/16095	DHS.1373/12	CLAMP , distributor duct and outlet duct joint ... (Mod. 949)	1	—	C	QZ2
28E/20018	SP.91/H	CLIP , hose, adjustable ...	8	—	C	
28E/19825	SP.91/L	CLIP , hose, adjustable ...	2	—	C	
	10-20 V 3221A	CLIP , securing pipe, code No. 45, adjacent to out-board cable guard	1	—	—	QZ2
	10-20 V 3227A/ND	CLIP , assembly ...	1	—	—	QZ2
	10-20 V 3223ND	CLIP , bare, 20 SWG ...	1	L.72	LM	QZ2
	10-20 V 3207ND	WASHER , profile, 18 SWG ...	1	L.72	LM	QZ2
	10-20 V 3209ND	LINER , $\frac{1}{8}$ " thick x 1"0 x 2"9 (Attach with Boscoprene 551)	1	DTD.762	LM	QZ2
		Attachments for 10-20 V 3221A, Clip :—				
28D/1007981	AS.1248/3C	Bolt, 2 BA ...	1	—	C	
28D/1007982	AS.1248/1C	Bolt, 2 BA ...	1	—	C	
28W/9416643	SP.47/C	Washer, spring ...	2	—	C	

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Ref. No.	Part No.	Description	No. off	Material Specification	Class of Store or L.M	Place No.	
							1
28D/9137409	10-20 V 3203A	CLIP , securing pipes, code No. 45	2	—	—	QZ2	
	10-20 V 3211A/ND	CLIP , assembly	1	—	—	QZ2	
	10-20 V 3205ND	CLIP , bare, 20 SWG	1	L.72	LM	QZ2	
	10-20 V 3207ND	WASHER , profile, 18 SWG	2	L.72	LM	QZ2	
	10-20 V 3209ND	LINER , $\frac{1}{16}$ " thick \times 1"0 \times 2"9 (Attach with Boscoprene 551)	1	DTD.762	LM	QZ2	
		Attachments for 10-20 V 3203A, Clip :—					
		Bolt, 2 BA	2	—	C		
		10-20 V 3213A	CLIP , securing pipe, code No. 45 at inboard cable guard	1	—	—	QZ2
		10-20 V 3219A/ND	CLIP , assembly	1	—	—	QZ2
		10-20 V 3215ND	CLIP , bare, 20 SWG	1	L.72	LM	QZ2
28D/9137409	10-20 V 3207ND	WASHER , profile, 18 SWG	2	L.72	LM	QZ2	
	10-20 V 3217ND	LINER , $\frac{1}{16}$ " thick \times 1"0 \times 2"0 (Attach with Boscoprene 551)	1	DTD.762	LM	QZ2	
		Attachments for 10-20 V 3213A, Clip :—					
		Bolt, 2 BA	2	—	C		
		10-20 V 3019A	CLIP , securing pipe, code No. 48, adjacent to power unit hose	1	—	—	QZ2
		10-20 V 3041ND	CLIP , bare, 20 SWG	1	L.72	LM	QZ2
		10-20 V 3043ND	LINER , $\frac{1}{16}$ " thick \times 0"5 \times 2"85 (Attach with Boscoprene 551)	1	DTD.762	LM	QZ2
			Attachments for 10-20 V 3019A, Clip :—				
			Bolt, 2 BA	2	—	C	
			Washer, support	2	—	C	QZ2
28D/9140202	AS.1246/1C	CONNECTOR , elbow, follower unit hose, assembly (Mod. 331)	1	—	C	QZ2	
1790	DHS.726/C/16	CONNECTOR , indicator unit hose	1	—	C	QZ2	
14115	10-20 V 4015A	CONNECTOR , pipe and hose, servo power unit ...	1	—	C	QZ2	
7234	10-20 V 2511	COUPLING , ground connection (For spares see AP.4515R, Vol. 3, Pt. 1)	1	—	P	QZ2	
10747	10-20 V 3357	COVER , end (Fitted in lieu of hoses when radar units are not installed) (Special order only)	3	—	C	QZ2	
27KD/12	NORMALAIR 504300	COVER , end (Fitted in lieu of hoses when radar units are not installed) (Special order only)	1	—	C	QZ2	
9783	10-20 V 2981	DUCT , outlet, and valve unit, assembly	1	—	—	QZ2	
13609	10-20 V 3957	Spares for :—					
	10-20 V 3605A	CLAMP , assembly (Mod. 949)	1	—	C	QZ2	
26DL/16095	DHS.1373/12	GUARD , assembly	1	—	C	QZ2	
9868	10-20 V 3073A	PIPE , coded No. 44, assembly	1	—	C	QZ2	
12571	10-20 V 3607A/ND	VALVE , insert relief (For breakdown see AP.4515R, Vol. 3, Pt. 1)	1	—	P	QZ2	
27KD/1378	NORMALAIR 516140	Attachments for 10-20 V 3065A, Duct :—					
28D/9133011	A25/2C	Bolt, 2 BA	6	—	C		

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	—	GUARDS , control cable, cockpit, Starboard, group (Org. No. 10-20 V 3997) (Mod. 358)	1	—	—	QZ2
	10-20 FS 15773A	BRACKET , on inboard pipe guard, assembly ...	1	—	—	QZ2
	10-20 FS 15775ND	BRACKET , bare, 20 SWG ...	1	L.72	LM	QZ2
28M/11957	AGS.2007/C/1	NUT , anchor, 2 BA ...	3	—	C	
		Attachments for 10-20 FS 15773A, Bracket :—				
28D/9140202	AS.1246/1C	Bolt, 2 BA ...	4	—	C	
28D/9137409	AS.1246/2C	Bolt, 2 BA ...	2	—	C	
28W/9419402	SP.13/C	Washer ...	6	—	C	
	10-20 V 4829A/ND	BRACKET , support, assembly ...	1	—	—	QZ2
	10-20 V 4831ND	BRACKET , support, bare, 18 SWG ...	1	L.72	LM	QZ2
	10-20 V 3917	GUARD , pipe, inboard (For spares use 10-20 V 4189ND)	1	—	—	QZ2
15065	10-20 V 4189ND	GUARD , pipe, inboard (Spares condition) ...	1	—	C	
	10-20 V 4009A	GUARD , pipe, outboard, assembly (Mod. 1219) (For spares use 10-20 V 8831A/ND)	1	—	—	QZ2
18907	10-20 V 8831A/ND	GUARD , pipe, outboard (Spares condition) ...	1	—	C	
		Attachments for 10-20 V 3917 or 10-20 V 4009A, Guard :—				
28D/9140202	AS.1246/1C	Bolt, 2 BA ...	2	—	C	
28W/9419402	SP.13/C	Washer ...	2	—	C	
11268	DHS.828/C/1	NUT , anchor, 2 BA, under cockpit floor, for bolts securing pipe guards	2	—	C	
	DUNLOP					
12570	DAS.393/32;6	HOSE , code No. 44, ground coupling ...	1	—	C	QZ2
5727	10-20 V 2553	HOSE , code No. 45, amplifier (Scanner), outlet pipe	1	—	C	QZ2
5727	10-20 V 2553	HOSE , code No. 46, follower unit and distribution duct	1	—	C	QZ2
5725	10-20 V 2549	HOSE , code No. 47, indicator unit and distribution duct	1	—	C	QZ2
2857	10-20 V 3013	HOSE , code No. 48, servo power unit ...	1	—	C	QZ2
9871	10-20 V 3189A/ND	PIPE , code No. 45, and distribution duct, assembly	1	—	C	QZ2
		Attachments for 10-20 V 3189A/ND, Pipe :—				
28D/9436920	A25/1C	Bolt, 2 BA ...	2	—	C	
28W/9419475	SP.15/C	Washer ...	2	—	C	
9866	10-20 V 3199A/ND	PIPE , code No. 45, between scanner amplifier hose and distribution duct pipe, assembly	1	—	C	QZ2
9858	10-20 V 3015ND	PIPE , code No. 48, between servo power unit hose and distribution duct	1	—	C	QZ2
5835	DHS.413/12	RING , sealing, distribution duct and outlet duct joint	1	—	C	QZ2
	OR					
28F/17516	AS.5406					
9864	10-20 V 3201ND	SLEEVE , jointing, 1" 25 o/d pipes ...	1	—	C	QZ2
9865	10-20 V 3017ND	SLEEVE , jointing, 1" 50 o/d pipes ...	1	—	C	QZ2
		Attachments for 10-20 V 3201ND or 10-20 V 3017ND, Sleeve :—				
28S/8544	PARKER KALON Type Z	Screw, No. 4 x 3/8", countersunk ...	4	—	C	
27KD/1375	NORMALAIR 515190	VALVE , flow restrictor, at junction of distribution and outlets duct (For breakdown see AP.4515R, Vol. 3, Pt. 1)	1	—	P	QZ2

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		1	2	3	4	5	6				

See Vixen Mk. 1

QZ.2

RADAR CONG SYSTEM

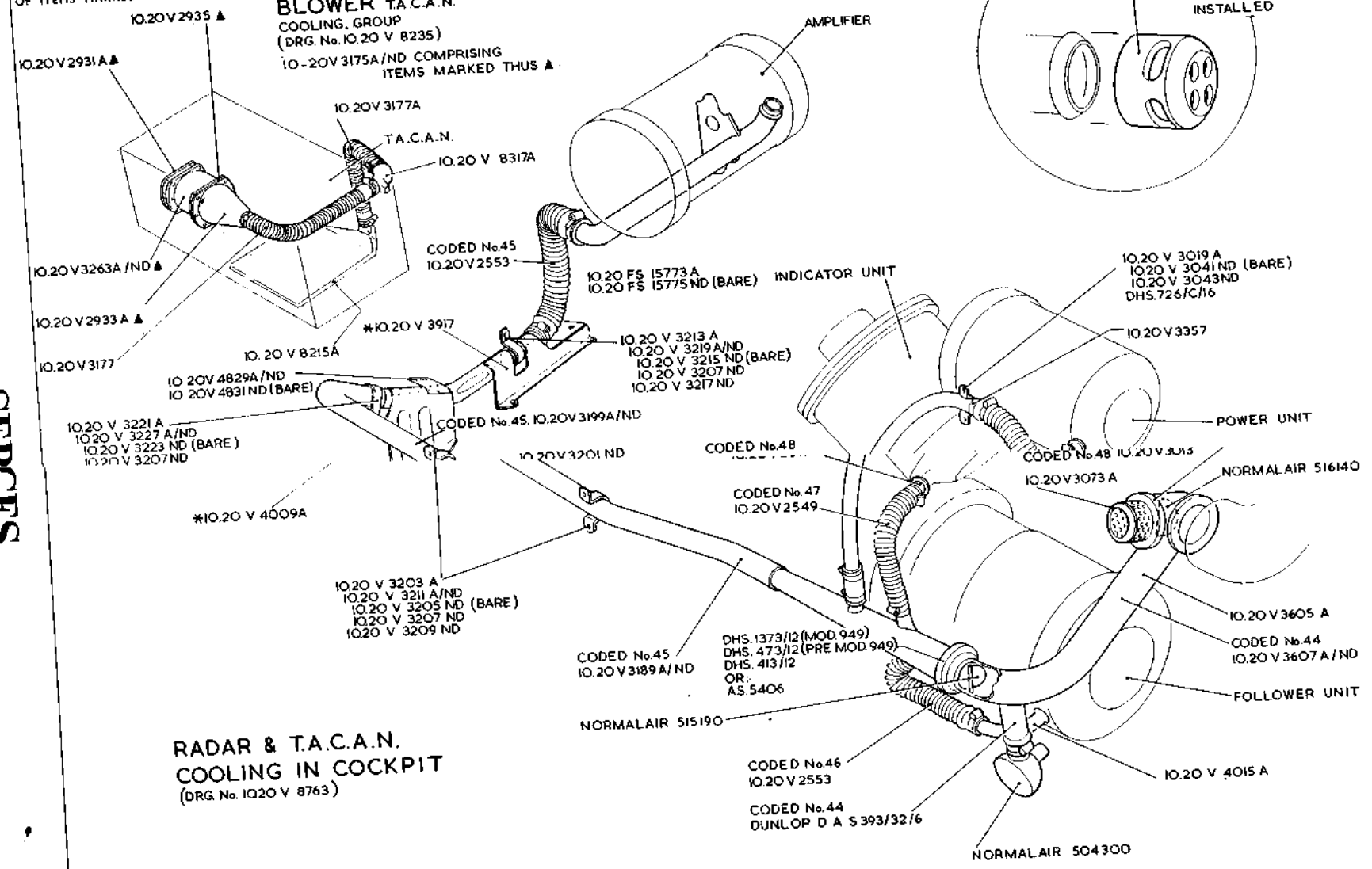
SERVICES

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SEE TEXT FOR SPARES CONDITION OF ITEMS MARKED THUS: *

BLOWER TA.C.A.N. COOLING GROUP
(DRG. No. 10.20 V 8235)
10-20V 3175A/ND COMPRISING ITEMS MARKED THUS ▲

COVER, END.
FITTED IN LIEU OF HOSES WHEN RADAR UNITS ARE NOT INSTALLED



RADAR & T.A.C.A.N. COOLING IN COCKPIT
(DRG. No. 10.20 V 8763)

QZ.2
[A.L. 68]

RESTRICT

Plate QZ.2

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