

VULCAN Mk. 2

CONTROLS  
RAM AIR TURBINE

Page EM. 1

Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
		CONTROLS, RAM AIR TURBINE Consisting of:-- CONTROL, RAM AIR TURBINE IN CREW'S NACELLE (1Z9642) (Mod. 885) Spares for:--				
	33Z9642	Bracket, pulley mounting, L.H. below pilot's windscreen former 372	1	L72		EM1/1
	34Z9642	Bracket, pulley mounting, R.H. below pilot's windscreen, former 372	1	L72		EM1/2
	23Z9642	Bracket, pulley mounting, R.H. forward . . . . pilot's floor member	1	L72		EM1/3
	24Z9642	Bracket, pulley mounting L.H. forward . . . . pilot's floor member	1	L72		EM1/4
	75Z9642	Bracket, pulley mounting, at former 344F, . . . centre, R.H. at pilot's floor	1	L72		EM1/5
	74Z9642	Bracket, pulley mounting, at former 344F, . . . centre, L.H. at pilot's floor	1	L72		EM1/6
	42Z9642	Bracket, pulley mounting, at former 344F, . . . port at pilot's floor	1	L72		EM1/7
	73Z9642	Bracket, pulley mounting, at former 344F, . . . port at pilot's floor	1	L72		EM1/8
	43Z9642	Bracket, pulley mounting, at stringer 14, . . . . former 344F, port	1	L72		EM1/9
	44Z9642	Bracket, pulley mounting, at stringer 14, . . . . former 344F, port	1	L72		EM1/10
	96Z9642	Bracket, pulley mounting, at rear pressure . . . . bulkhead (Make from 43SS3075) Attachments—Bracket, Part Nos. 23, 24, 33, 34 and 96Z9642	1	—		EM1/11
28D/9133012	A25/3C	Bolt, 2 BA . . . . .	6	—	C	
28D/1200119	A25/4C	Bolt, 2 BA . . . . .	6	—	C	
28D/7002428	A25/6C	Bolt, 2 BA . . . . .	6	—	C	
28M/1012015	AGS2001/C1/66	Nut, stiff, 2 BA . . . . .	18	—	C	
28W/9419475	SP15/C	Washer, 2 BA . . . . .	18	—	C	
	31Z9642	CABLE, CONTROL, FROM HANDLE . . . . . PILOT'S STATION TO JOINT ABOVE PILOT'S FLOOR, GROUP Consisting of:--	1	—	MR	EM1/12
28U/18824	31aZ9642	Cable, 5 Cwt. x 4' 2" long . . . . .	1	W11/2PNC		
28U/16264	SP34/C5	End, screwed . . . . .	1	—	C	
	SP37/A	Eye-end . . . . .	1	—	C	
	47Z9642	CABLE, CONTROL, FROM JOINT ABOVE . . . . . PILOT'S FLOOR TO JOINT FORWARD FORMER 316, GROUP Consisting of:--	1	—	MR	EM1/13
28U/15283	47aZ9642	Cable, 5 cwt. x 10' long . . . . .	1	W11/2PNC		
	SP34/C5L	End, screwed . . . . .	2	—	C	

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					M.R.		
		1	2	3	4		
		CONTROL, RAM AIR TURBINE IN CREW'S NACELLE (1Z9642) (Mod. 885) (Cont'd)					
	99Z9642	CABLE, CONTROL, FROM JOINT . . . . . FORWARD OF REAR PRESSURE BULKHEAD TO JOINT AFT OF FORMER 189.5, GROUP	1	—	MR	EM1/14	
		Consisting of:—					
	99bZ9642	Cable, 10 cwt. x 16" long . . . . .	1	W11/5PNC			
	99aZ9642	Eye-end . . . . .	1	S94			
28U/4707611	SP37/B	Eye-end . . . . .	1	—	C		
	95Z9642	Fairlead . . . . .	1	BS2572			
		Attachments—Cable Part No. 99Z9642					
28D/9140644	A25/9C	Bolt, 2 BA . . . . .	3	—	C		
28M/1012015	AGS2001/C1/66	Nut, stiff, 2 BA . . . . .	3	—	C		
28W/9419475	SP15/C	Washer, 2 BA . . . . .	3	—	C		
	4SS3264	Clip, 1/2" o/d, attachment tube covers . . . . .	11	—	MR	EM1/15	
28E/2236061	SP.91/A	Clip, attachment, tube covers . . . . .	4	—	C	EM1/16	
21428	36Z9642	Collar . . . . .	1	—	C	EM1/17	
	25Z9642	Fairlead, pipe pulley mounting . . . . .	4	BSS972 or BSS668		EM1/18	
	78Z9642	Fairlead, cable, former 330 . . . . .	2	BSS972 or BSS668		EM1/19	
7183	30Z9642	Handle . . . . .	1	—	C	EM1/20	
28P/1207864	SP/4/Y/B4	Pin, solid attachment, control rod and cable . . . . . forward rear pressure bulkhead	1	—	C		
28R/1038190	AS1151	Pulley, single . . . . .	7	—	B	EM1/21	
		Attachments—Pulley, Part No. AS1151					
28D/1008145	A25/6E	Bolt, 1/4" BSF . . . . .	3	—	C		
28D/1011242	A25/7E	Bolt, 1/4" BSF . . . . .	3	—	C		
28D/1011247	A25/13E	Bolt, 1/4" BSF . . . . .	1	—	C		
28M/7002430	AGS2002/E/1	Nut, stiff, 1/4" BSF . . . . .	7	—	C		
28W/9419405	SP15/E	Washer, 1/4" . . . . .	7	—	C		
	92Z9642	Rod, control, between joint at former station . . . . . 316F and joint forward of rear pressure bulkhead 3/16" dia. x 9' 1" long	1	S93		EM1/22	
21430	104Z9642	Spring, compression at cover tube between . . . . . pulley mountings, former 372F (Make from 25SS4700)	1	—	C	EM1/23	
21429	100Z9642	Stop, cable, at compression spring . . . . .	1	DTD410	C	EM1/24	
8733	90Z9642	Screw, special, attachment fork-end to R.A.T. Handle, pilot's station	1	S93	C		
	102Z9642	Tube, cover at top pulley mounting former . . . . . 372F, 9/16" o/d x 22G x 9.0" long	1	L56		EM1/25	
	101Z9642	Tube, cover at bottom pulley mounting, . . . . . pilot's floor 7/16" o/d x 22G x 5.4" long	1	L56		EM1/26	

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					M.R.	
		1 2 3 4				
		CONTROL, RAM AIR TURBINE IN CREW'S NACELLE (1Z9642) (Mod 885) (Cont'd)				
	103Z9642	Tube, cover, connecting, upper, between ..... cover tubes, 11/16" o/d x 22G x 19.6" long	1	L56		EM1/27
	105Z9642	Tube, cover, connecting, lower between ..... cover tubes, 9/16" o/d x 22G x 4.0" long	1	L56		EM1/28
	13Z9642	Tube, cover, between formers 372F and ..... 344F, 1/2" o/d x 22G x 11.9" long	1	L56		EM1/29
	14Z9642	Tube, cover, at top pulley mounting, aft of ..... former 344F, 1/2" o/d x 22G x 8.87" long	1	L56		EM1/30
	15Z9642	Tube, cover, between pulley mounting, aft of ..... former 344F, 1/2" o/d x 22G x 20.3" long	1	L56		EM1/31
	16Z9642	Tube, cover at lower pulley mounting aft of .... former 344F, 1/2" o/d x 22G x 11.7" long	1	L56		EM1/32
26TA/17674	AS2811/6/025	Tube, distance at pulley mounting bracket ..... at rear pressure bulkhead	1	—	C	EM1/33
	AS2811/6/015	Tube, distance, at pulley mounting bracket ..... at rear pressure bulkhead	1	—		EM1/34
28U/4664859	SP33/C	Turnbarrel .....	2	—	C	
	28Z/9642	Washer, special pulley mounting .....	18	—		
		CONTROL, RAM AIR TURBINE FORWARD OF FRONT SPAR, PORT (Z9697) (Mod. 514 & 885) Spares for:—	—	—		EM1/35
22429	16Z9697	Adjuster .....	1	—	C	EM1/36
22425	6Z9619	Bracket .....	1	—	C	EM1/37
22426	7Z9619	Bracket .....	1	—	C	EM1/38
22422	3Z9697	Bracket .....	1	—	C	EM1/39
22428	13Z9697	Bracket .....	1	—	C	EM1/40
22423	8Z9697	Bracket .....	1	—	C	EM1/41
22424	9Z9697	Bracket .....	1	—	C	EM1/42
		Attachments—Bracket, Part Nos. 3, 6, 7, 13 & 16Z9697				
28D/9133011	A25/2C	Bolt, 2 BA .....	5	—	C	
28D/9436920	A25/1C	Bolt, 2 BA .....	7	—	C	
28M/1012015	AGS2001/C1/66	Nut, stiff, 2 BA .....	12	—	C	
28W/9419402	SP13/C	Washer, 2 BA .....	8	—	C	
28W/9419454	SP10/C	Washer, 2 BA .....	1	—	C	
28W/9419475	SP15/C	Washer, 2 BA .....	4	—	C	
	17Z9697	Bush .....	1	—		EM1/43
12617	35Z9619	CABLE, CONTROL, FROM JOINT AT ..... FORMERS 189.5 TO JOINT BETWEEN FORMERS 130 & 115.5, GROUP	1	—	C	EM1/44
	12Z9697	CABLE, CONTROL, FROM JOINT ..... BETWEEN FORMER 130 AND 115.5 TO JOINT AT LEVER UNIT, FORMER 72, GROUP	—	—	MR	EM1/45

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					M.R.	
		1 2 3 4				
22427	11Z9619	CONTROL, RAM AIR TURBINE FORWARD OF FRONT SPAR, PORT (Z9697) (Mod. 514 & 885) (Cont'd)				
		Fairlead, at formers 175, 160.5 and 145.25 . . . and diaphragm 93.75	8	—	C	EM1/46
		Attachments—Fairlead, Part No. 11Z9619				
28D/9133012	A25/3C	Bolt, 2 BA . . . . .	4	—	C	
28D/1200119	A25/4C	Bolt, 2 BA . . . . .	3	—	C	
28D/7002428	A25/6C	Bolt, 2 BA . . . . .	1	—	C	
28M/1012015	AGS2001/C1/66	Nut, stiff, 2 BA . . . . .	8	—	C	
28W/9419445	SP10/C	Washer, 2 BA . . . . .	8	—	C	
	15Z9697	Plate, side . . . . .	2	—		EM1/47
28R/1038190	AS.1151	Pulley, at formers 189.5 and 130.5 and . . . . . diaphragms 115.5 and 93.75	5	—	B	EM1/2
		Attachments—Pulley, Part No. AS.1151				
28D/1212321	A60/8E	Bolt, 1/4" BSF . . . . .	4	—	C	
28D/1212320	A60/7E	Bolt, 1/4" BSF . . . . .	1	—	C	
28M/1011467	A27/ES	Nut, stiff, 1/4" BSF . . . . .	5	—	C	
28P/9527619	SP90/C7	Pin, split, 1/16" dia. . . . .	5	—	C	
28W/9418921	SP13/E	Washer, 1/4" . . . . .	5	—	C	
28U/14789	SP35/C	Rod, tension . . . . .	1	—	C	EM1/48
26TA/12671	AS2811/5/032	Tube, distance . . . . .	1	—	C	EM1/49
	AS2811/7/030	Tube, distance . . . . .	1	—		EM1/50

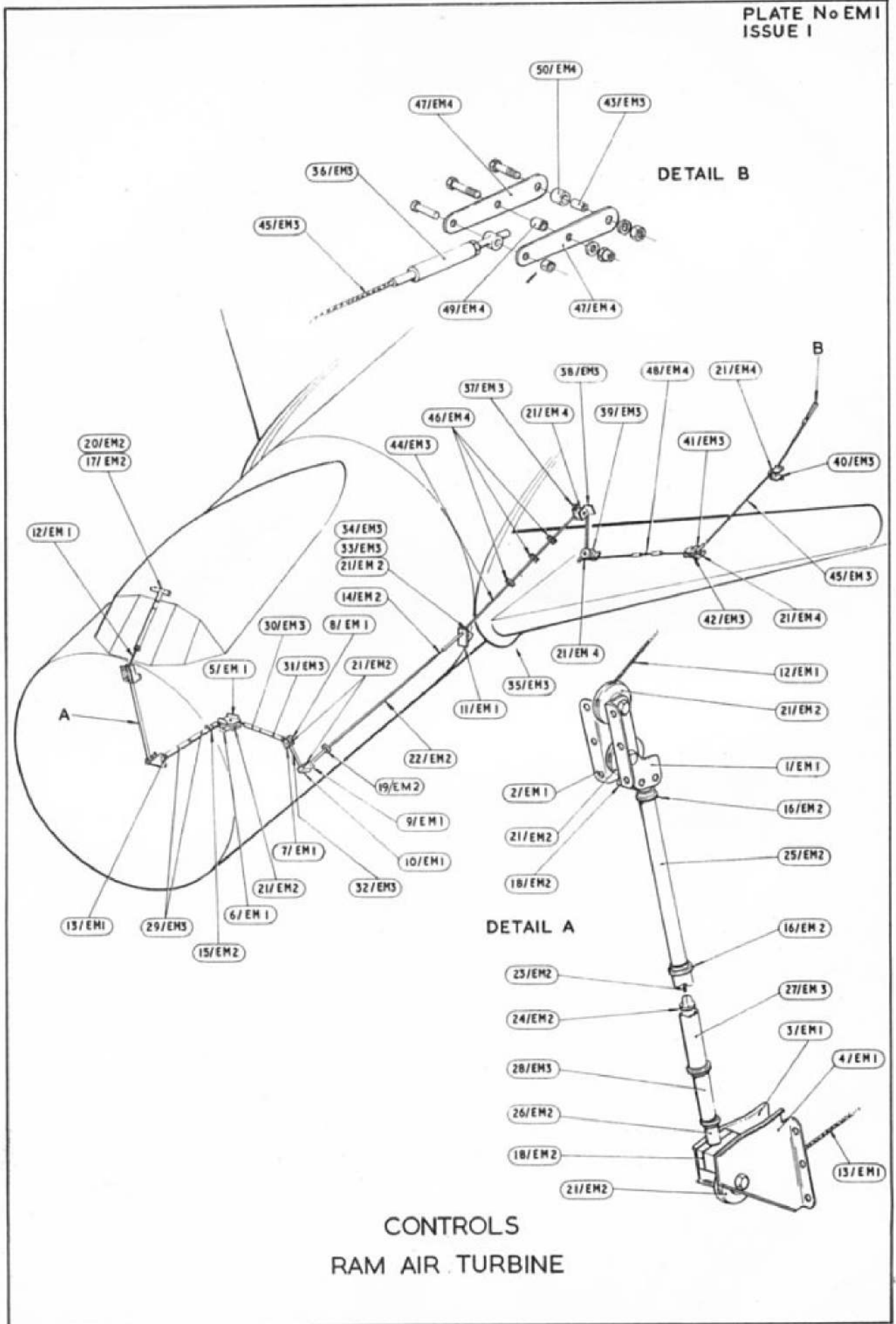
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CONTROLS

RAM AIR TURBINE

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.	
28D	1008145	3	28M	1011467	5	28R	1038190	12
28D	1011242	3	28M	1278190	41			
28D	1011247	1	28M	7002430	7			
28D	1200119	9				28U	14789	1
28D	1212320	1				28U	14790	2
28D	1212321	4	28P	9527619	5	28U	15283	2
28D	7002428	7				28U	15286	1
28D	9133011	5				28U	16264	1
28D	9133012	10	28W	9418921	5	28U	18824	1
28D	9140644	3	28W	9419402	8			
28D	9436920	7	28W	9419405	7			
			28W	9419454	9			
			28W	9419475	25			
28E	2236061	4						



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