

VULCAN MR. 2

POWER INSTALLATION  
ENGINE MOUNTING AND HOISTING

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
		1 2 3 4				
		ENGINE MOUNTING AND ENGINE HOISTING ASSEMBLIES Spares for:— HOISTING, OLYMPUS ENGINE, REAR, INBOARD AND OUTBOARD, PORT AND STARBOARD (1, 2, 3 & 4F10447) Spares for:—				
20918	7F10447	Bracket, attachment .....	4	—	C	
20919	8F10447	Bracket, attachment .....	4	—	C	
20914	9F10447	Bracket, attachment .....	4	—	C	
20915	10F10447	Bracket, attachment .....	4	—	C	
	33F8781	LINK, LIFTING, INBOARD INNER, ..... GROUP	1	—	MR	NC1/1
	34F8781	LINK, LIFTING, INBOARD OUTER, ..... GROUP	1	—	MR	NC1/2
	35F8781	LINK, LIFTING, OUTBOARD INNER, ..... GROUP	1	—	NR	NC1/3
	36F8781	LINK, LIFTING, OUTBOARD OUTER, ..... GROUP	1	—	MR	NC1/4
		Spares for:—				
1227	6F8781	Block, pivot .....	1	S21	C	NC1/5
28N/9513425	AGS899/12	Collar, for pins .....	3	—	C	
	22F8781	Pin, solid .....	1	S28	MR	NC1/6
	SP4Z/M17	Pin, attaching block to tube .....	1	—	C	NC1/6A
28P/1357902	SP4Z/M20	Pin, attachment block to structure .....	1	—	C	
28P/9528015	SP90G8	Pin, split .....	3	—	C	
	12F8781	Spring .....	1	—	MR	NC1/7
20917	6F10447	Member, channel .....	2	—	C	
20916	5F10447	TUBE, SHROUD, INBOARD INNER, ..... GROUP	1	—	C	NC1/8
1222	15F8781	TUBE, SHROUD, INBOARD OUTER, ..... GROUP	1	—	C	NC1/9
	16F8781	TUBE, SHROUD, OUTBOARD INNER, ..... GROUP	1	—	MR	NC1/10
	17F8781	TUBE, SHROUD, OUTBOARD OUTER, ..... GROUP	1	—		NC1/11
		HOISTING AND SUSPENSION, OLYMPUS ENGINE, FORWARD INBOARD AND OUTBOARD, PORT AND STARBOARD (1, 2, 3 & 4F11534) (Mod. 905) Spares for:—				
	28F11534	Bar, support, for mini hoist .....	1	S94		NC1/12

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					M.R.	
		1 2 3 4				
HOISTING AND SUSPENSION OLYMPUS ENGINE (1, 2, 3 & 4F11534) (Mod. 905) (Cont'd.)						
12479	82F11534	BAR, SUSPENSION, OUTBOARD, PORT ..... AND STARBOARD, GROUP	1	—	B	NC1/13
12481	83F11534	BAR, SUSPENSION, INBOARD, PORT ..... AND STARBOARD, GROUP Spares for:—	1	—	B	NC1/14
	ROSE BROS. RSS8 W. & S. RDS4-20	Bearing .....	1	—		NC1/15
		Ring, retaining .....	1	—		NC1/16
	84F11534	Bolt, special, suspension bar, top .....	1	S94	MR	NC1/17
	112F11534	Bolt, special, suspension bar, bottom .....	1	—	MR	NC1/18
	5F11534	BRACKET, HOISTING, GROUP ..... Consisting of:—	1	—		NC1/19
	A59/35N	Bolt, top .....	1	—		
12476	5F10570	Bolt, special, bottom .....	1	S96		
	6F11534	Bracket, hoisting, top .....	—	DT0683		
7826	13F10570	BRACKET, HOISTING, BOTTOM, C/W ..... GUARD, GROUP Spares for:—	1	—	C	NC1/20
	101F10570	Guard .....	1	S510		
28M/4095833	AGS2002/J1	Nut .....	1	—	C	
28M/4095932	A27/NC	Nut .....	1	—	C	
28P/9429652	SP9/E10	Pin, split .....	1	—	C	
28Q/9144158	AS2227/407	Rivet .....	2	—	C	
28Q/1012159	AS2230/407	Rivet .....	2	—	C	
28W/9419466	SP13/J	Washer .....	1	—	C	
	42F10570	Washer, special .....	1	—		
20878	103F10570	Bracket, for pin assy. (113F10570) inboard ..... port, inboard	1	L72	MR/C	
20879	104F10570	Bracket, for pin assy. (113F10570) inboard ..... starboard, inboard	1	L72	MR/C	
20880	105F10570	Bracket, for pin assy. (113F10570) inboard ..... port, outboard	1	L72	MR/C	
20881	106F10570	Bracket, for pin assy. (113F10570) inboard ..... starboard, outboard	1	L72	MR/C	
	107F10570	Bracket, for pin assy. (113F10570) outboard ..... port, inboard	1	L72		
	108F10570	Bracket, for pin assy. (113F10570) outboard ..... starboard, inboard	1	L72		
20885	109F10570	Bracket, for pin assy. (113F10570) outboard ..... port, outboard	1	L72	MR/C	
20886	110F10570	Bracket, for pin assy. (113F10570) outboard ..... starboard, outboard	1	L72	MR/C	

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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and illust'n No.
					M.R.	
		1 2 3 4				
		HOISTING AND SUSPENSION OLYMPUS ENGINE, 1, 2, 3 & 4F11534) (Mod. 905) (Cont'd)				
	132F10570	Bracket, stop, for pin (116F10570) outboard, port	1	L65	MR	
	133F10570	Bracket, stop, for pin (116F10570) outboard, starboard	1	L65	MR	
	135F10570	Bracket, stop, for pin (116F10570) inboard, . . . port and starboard	1	L65	MR	NC1/21
20884	134F10570	Bracket, retaining, at pin (116F10570) out- . . . board, port and starboard	1	L65	MR/C	NC1/22
	136F10570	Bracket, retaining for pin (116F10570) in- . . . board, port and starboard	1	L65	MR	NC1/23
	88F11534	PIN, QUICK RELEASE, FOR PULLEY, . . . . . GROUP	1	—	MR	NC1/24
		Spares for:—				
28FP/4062727	A1027	Pin, pip 5/8" dia. . . . .	1	—	C	
	113F10570	PIN, QUICK RELEASE, FOR PIN . . . . . (116F10570) LOCKING, GROUP	1	—	MR	NC1/25
		Spares for:—				
28FP/9485292	A405	Pin, pip 1/4" dia. . . . .	1	—	C	
8721	116F10570	PIN, SPECIAL, FOR PULLEY, GROUP . . . . .	1	—	C	NC1/26
	118F10570	Plate, securing, at brackets (134 & . . . . . 136F10570)	1	L72		NC1/27
	85F10570	PULLEY, FOR CABLE, GROUP . . . . .	1	—	MR	NC1/28
		Consisting of:—				
	R & M MMRJN/1	Bearing . . . . .	1	—		
	10F10570	Pulley . . . . .	1	S1		
	25F10570	Tube, spacing . . . . .	1	S1		
	25.O.3793	MOUNTING, ENGINE TRUNNION, RIB . . . . . 113.3" OUTBOARD, PORT, GROUP	1	—	MR	NC1/29
	26.O.3793	MOUNTING, ENGINE TRUNNION, RIB . . . . . 113.3" OUTBOARD, STARBOARD, GROUP	1	—		NC1/30
	27.O.3793	MOUNTING, ENGINE TRUNNION, RIB . . . . . 113.3" INBOARD, PORT, GROUP	1	—	MR	NC1/31
	28.O.3793	MOUNTING, ENGINE TRUNNION, RIB . . . . . 113.3" INBOARD, STARBOARD, GROUP	1	—	MR	NC1/32
		Spares for:—				
8537	14.O.3793	Bearing, spherical . . . . .	1	BSS369	C	NC1/33
	2SS5229	Bolt, for brackets (9, 10, 11, 12.O.3793) . . . . . (Make from A59/2E)	2	—		
	3SS5229	Bolt, for brackets (9, 10, 11, 12.O.3793) . . . . . (Make from A59/3E)	5	—		

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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				
		MOUNTING, ENGINE TRUNNION, RIB 113.3" I/B AND O/B PORT AND STARBOARD (25, 26, 27 & 28.O.3793) (Cont'd)				
	3ESS4167	Bolt, for housing guide .....	2	—	MR	
	42.O.3793	Bolt, special, for bearing housing (Mod. 1320)		S96	MR	NC1/34
	9.O.3793	Bracket, bottom forward, port outboard, .... starboard inboard	1	S96	MR	NC1/35
	10.O.3793	Bracket, bottom forward, port inboard, .... starboard outboard	1	S96	MR	NC1/36
	11.O.3793	Bracket, top forward, port outboard, .... starboard inboard	1	S96	MR	NC1/37
	12.O.3793	Bracket, top forward, port inboard, .... starboard outboard	1	S96	MR	NC1/38
8546	16.O.3793	CAP, END, GROUP .....	1		C	NC1/39
		Attachments- End cap (16.O.3793)				
28DU/9414451	A102/3J	Bolt, 3/8" UNF .....	1	—	C	
28W/9416613	SP108/J	Washer, tab .....	1	—	C	
8540	15.O.3793	Collar, at quick release pin .....	1	S1	C	NC1/40
	13.O.3793	Guide, housing for bearing .....	1	S96	MR	NC1/41
8539	7.O.3793	Housing, bearing .....	1	S96	C	NC1/42
	43.O.3502	Nut, special, for bolt (42.O.3793) .....	1	S95	MR	NC1/43
	29.O.3793	Panel, skin, fireproof .....	1	AVR50	MR	
	AVIATION DEVELOPMENT					
8547	A5134/644	Pin, quick release .....	1	—	C	NC1/44
	45.O.3502	Pin, clip for bolt (42.O.3793) .....	1	—	MR	NC1/45
	36.O.3793	Plate, guide .....	2	S510	MR	NC1/46
13283	8.O.3793	Stop .....	1	S1	C	NC1/47
8543	17.O.3793	Washer, at end cap, 1.8" o/d x 0.03" thick ...	4	S510	C	NC1/48
8544	18.O.3793	Washer, at end cap, 1.8" o/d x 0.06" thick ...	2	S510	C	NC1/49
8545	19.O.3793	Washer, special, at end cap, 2" o/d x 0.3" ... thick	1	S1	C	NC1/50
8541	20.O.3793	Washer, special, for bolt (42.O.3793) .....	1	S1	C	NC1/51
	7.O.3794	MOUNTING, ENGINE TRUNNION, RIB .....	1	—	MR	NC1/52
	6.O.3794	162.5", PORT, GROUP MOUNTING, ENGINE TRUNNION, RIB .....	1	—		NC1/53
		162.5", STARBOARD, GROUP Spares for:-				
8537	14.O.3793	Bearing, spherical .....	1	BSS369	C	NC1/33
	2SS4663	Bolt, mounting members to top and bottom .. rib booms	4	S94		
	2SS5229	Bolt, for brackets (9, 10, 11, 12.O.3793) .... (Make from A59/2E)				
	3SS5229	Bolt, for brackets (9, 10, 11, 12.O.3793) .... (Make from A59/3E)				

**POWER INSTALLATION**  
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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of St.	Plate and Illust'n No.
					M.R.	
			1	2	3	4
		<b>MOUNTING ENGINE TRUNNION, RIB 162-5, PORT AND STARBOARD GROUP (6, 7.O.3794) (Cont'd)</b>				
		Spares for :—				
	3ESS4167	Bolt, for housing guide ... ..	2	—	MR	
	42.O.3793	Bolt, special, for bearing housing (Mod. 1320)	1	S96	MR	NC1/34
	9.O.3793	Bracket, bottom, port ... ..	1	S96	MR	NC1/35
	10.O.3793	Bracket, bottom, starboard ... ..	1	S96	MR	NC1/36
	11.O.3793	Bracket, top, starboard ... ..	1	S96	MR	NC1/37
	12.O.3793	Bracket, top, port ... ..	1	S96	MR	NC1/38
8540	15.O.3793	Collar, at quick release pin ... ..	1	S1	C	NC1/40
	10.O.3987	Guide, housing, for bearing (Mod. 906) ...	1	S96	MR	NC1/54
8539	7.O.3793	Housing, bearing ... ..	1	S96	C	NC1/42
	43.O.3502	Nut, special for bolt (42.O.3793) ... ..	1	S95	MR	NC1/43
	9.O.3794	Panel, skin, fireproof ... ..	1	AVR50	MR	
	AVIATION DEVELOPMENT					
8547	A5134/644	Pin, quick release ... ..	1	—	C	NC1/44
	45.O.3502	Pin, clip, for bolt (42.O.3973) ... ..	1	—	MR	NC1/45
	36.O.3793	Plate, guide ... ..	2	S510	MR	NC1/46
	11.O.3987	Shim, at housing guide ... ..	6	S510		NC1/55
13283	8.O.3793	Stop ... ..	1	S96	C	NC1/47
8541	20.O.3793	Washer, special, for bolt (42.O.3793) ...	1	S1	C	NC1/51
	13.O.3795	<b>MOUNTING, ENGINE TRUNNION, RIB 63-5, PORT, GROUP</b>	1	—	MR	NC1/56
	14.O.3795	<b>MOUNTING, ENGINE TRUNNION, RIB 63-5, STARBOARD, GROUP</b>	1	—	MR	NC1/57
		Spares for :—				
8537	14.O.3793	Bearing, spherical ... ..	1	BSS369	C	NC1/33
	2SS5229	Bolt, for brackets (3, 4, 5, 6.O.3795) (Make from A59/2E)	2	—		
	3SS5229	Bolt, for brackets (3, 4, 5, 6.O.3795) ...	5	—		
	42.O.3793	Bolt, special, for bearing housing (Mod. 1320)	—	S96	MR	NC1/34
	3ESS4167	Bolt, for housing guide ... ..	2	—		
	3.O.3795	Bracket, top forward, port ... ..	1	S96	MR	
	4.O.3795	Bracket, top forward, starboard ... ..	1	S96	MR	
	5.O.3795	Bracket, bottom, forward, port ... ..	1	S96	MR	
	6.O.3795	Bracket, bottom, forward, starboard ... ..	1	S96	MR	
	9.O.3795	Bracket, top, rear, port ... ..	1	S96	MR	
	10.O.3795	Bracket, top, rear, starboard ... ..	1	S96	MR	
	11.O.3795	Bracket, bottom, rear, port ... ..	1	S96	MR	
	12.O.3795	Bracket, bottom, rear, starboard ... ..	1	S96	MR	

**POWER INSTALLATION**  
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Ref. No.	Part No.	Description	No. off	Matl. Spec.	Cl. of	Plate and Illust'n No.
					St.	
		1 2 3 4				
<b>MOUNTING, ENGINE TRUNNION, RIB 63.5" PORT AND STARBOARD, GROUP (13, 14.O.3795) (Cont'd)</b>						
8540	15.O.3793	Collar, at quick release pin ... ..	1	S1	C	NC1/40
	10.O.3987	Guide, housing (Mod. 906) ... ..	1	S96	MR	NC1/54
8539	7.O.3793	Housing, bearing ... ..	1	S96	C	NC1/42
	8.O.3795	Member, diffusion, rear ... ..	1	S514	MR	NC1/58
	15.O.3795	Member, stiffening ... ..	1	L72	MR	NC1/59
	43.O.3502	Nut, special for bolt (42.O.3793) ... ..	1	S95	MR	NC1/43
	19.O.3795	Panel, skin, fireproof ... ..	1	AVR50	MR	
	45.O.3502	Pin, clip, for bolt (42.O.3793) ... ..	1	—	MR	NC1/45
AVIATION DEVELOPMENT						
8457	A5134/644	Pin, quick release ... ..	1	—	C	NC1/44
	36.O.3793	Plate, guide ... ..	2	S510		NC1/46
	11.O.3987	Shim, at housing guide ... ..		S510		NC1/55
13283	8.O.3793	Stop ... ..	1	—	C	NC1/47
8542	16.O.3795	Washer, special for bolt (42.O.3793) ... ..	1	—	C	NC1/60

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SUMMARY OF STANDARD ITEMS

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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.	
28E	8188	8	28Q	14488	4			
28E	1007984	2	28Q	1011964	28			
28E	9129092	1	28Q	1012159	2			
28E	9429463	1	28Q	9144158	2			
28F	17675	1	28S	9129439	3			
28F	1013402	4						
28F	9128928	4	28U	13988	1			
			28U	13991	1			
28FP	9485292	1	28U	14132	1			
28FP	4062727	1						
28FP	9713920	2	28W	1009699	3			
			28W	9128188	6			
28M	10288	16	28W	9416613	1			
28M	12931	4	28W	9419402	16			
28M	14015	1	28W	9419466	1			
28M	9414136	6						
			28Y	15486	1			
28N	5559	3						
28N	10332	1						
28P	5542	1						
28P	12464	1						
28P	9429652	1						
28P								



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