



Propeller	Governor	Engine	Aircraft	Pump	Gear Reduction	Direction of Rotation, facing engine mounting pad	RPM max.	RPM min.	Feather RPM	Solenoid	ÜV-Pressure 1	ÜV-Pressure 2	Head Position	Oil Pressure to
MTV-12-B/LD-101b	P-850-2	DH200V4	Velocity		1:1	left	2700	1400			1750 rpm at 320+10psi	n/a	300°±5°	increase
MTV-21-A	P-850-12	Rotax 912/914		Standard	0.54:1	left	3132±10	1900		n/a	2400 rpm at 320 psi + 10 psi	n/a	315°±5°	increase
MTV-12-D	P-850-13	Franklin 6A-350	Spitfire MK 26	Standard	0,847:1	lft	2370±10	1400		n/a	1750 rpm at 320+10psi	n/a	40°±5°	increase
MTV-6-D	P-850-16			16 mm	1:1	left	2800±10	1700		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
	P-850-18	Lycoming -IO-360		Standard	0,866:1	left	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
MTV-21-A	P-850-34	Rotax 912A3		Standard	0,58:1	left	3364±10	1800		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
HOV352	P-850-35	Rotax 912S/914		Standard	0,54:1	left	3132±10	1900		n/a	2400 rpm at 450 psi + 10 psi	n/a	315°±5°	increase
	P-850-X	TAE Centuiron 2.0		Standard	1:1	left	3900±10	2900		na	2800 rpm at 320+10psi	n	315°±5°	increase
MTV-9-B-S	P-853-2	SMA-SR-305-230		Standard	1.227:1	left	2700±10	2430		24 VDC	1750 rpm at 320+10psi	n/a	n/a	increase
MTV-6-D	P-853-16	Austro Engine E4	DA40	16 mm	0,72:1	left	2800±10	2100		n/a	2400 rpm at 150+10psi	n/a	355°±5°	increase
MTV-9-B-S	P-854-2	SMA-SR-305-230		Standard	1.227:1	left	2700±10	1500		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
MTV-14-D	P-860-2	TCM IO-520		Standard	1:1	right	2700±10	1400		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
MTV-9-B-	P-860-3	Lycoming IO-540		Standard	0.895:1	right	2420±10	1400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	increase
MTV-9-B	P-860-4	Lycoming IO-360 /-320		Standard	0.866:1	right	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	increase
MTV-9-B	P-860-5	Lycoming IO-580-		Standard	0.947:1	right	2557±10	1400		n/a	1750 rpm at 320+10psi	n/a	110°±5°	increase
MTV-9-D	P-860-6	Conti IO-520-D	Cessna A-185-K	Standard	1:1	right	2850±10	1500		n/a	2000 rpm at 320+10psi	n/a	60°±5°	increase
MTV-9-B-	P-860-9	Lycoming O-540		Standard	0.947:1	right	2270±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
MTV-14-B	P-860-13	Lycoming TIO-540		Standard	0.947:1	right	2270±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
MTV-9-D	P-860-16	TCM-IO-520		Standard	1:1	right	2800±10	1700		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
	P-860-18	Lycoming IO-360		Standard	0.866:1	right	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
MTV-12-B	P-860-19	Lycoming IO-540		Standard	0.947:1	right	2557±10	1400		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
MTV-9	P-860-20	Lycoming IO-540		Standard	0.947:1	right	2557±10	1450		n/a	1750 rpm at 320+10psi	n/a	205°±5°	increase



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MTV-9	P-860-22	Conti TSIO-520M		Standard	1:1	right	2600±10	1400		n/a	1750 rpm at 320+10psi	n/a	300°±5°	increase
MTV-12	P-860-23	Lycoming IO-360	DA40 XL	Standard	0.896:1	right	2420±10	1200		n/a	1750 rpm at 320+10psi	n/a	255±5°	increase
MTV-6-D	P-860-25	WAM 120	RV9A	Standard	1:1	right	2750±10	1400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	increase
MTV-9-D	P-860-26	Conti TSIO-550		Standard	1:1	right	2500±10	1400		n/a	1750 rpm at 320+10psi	n/a	60°±5°	increase
MTV-9-B	P-860-28	Lycoming O-540-J3A5	Zlim Z-143-L	Standard	0.947:1	right	2273±10	1400		n/a	1750 rpm at 320+10psi	n/a	95±5	increase
MTV-6-C/LD175-112	P-860-32	DE165GP@2444 rpm	UAV	Standard	0,717:1	right	2725±10	1434		n/a	1750 rpm at 320+10psi	n/a	270°±5°	increase
MTV-9-D	P-860-33	TCM-IO-470-F		Standard	1:1	right	2625±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	increase
MTV-9-B	P-864-3	Lycoming AEIO-540(-)	EDGE 540	16 mm	0.895 : 1	right	2420±10	1800		n/a	1750 rpm at 320+10psi	na	100°±5°	increase
	P-864-5	Lycoming AEIO-540	EDGE 540	Standard	0.947:1	right	2557±10	1800		n/a	1750 rpm at 320+10psi	n/a	110±5	increase
MTV-31-L-C	P-870-7	ASH 82		Standard		left	2670±10	1400		n/a	1750 rpm at 320+10psi	n/a	205°±5°	decrease
MTV-6-A-C	P-870-12	Rotax 912 ULS3	homebuilt	16 mm	0,54:1	left	3132±10	1800			2400 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-12-D-C	P-870-13	Franklin 6A350C1		Standard	0.847:1	left	2370±10	1600		n/a	1750 rpm at 310+10psi	n/a	110°±5°	decrease
MTV-9-B-C	P-870-14	M-14-P/PF		Standard	1.045:1	left	3085±10	1600		n/a	2400 rpm at 320+10psi	n/a	135°±5°	decrease
MTV-12-D-C-F	P-871-5	Subaru IJ20T	AL-1		1:1	left	2557±10		1700±30	n/a	1750 rpm at 320+10psi	n/a	110±5	decrease
	P-871-16	Austro Engine E4	DA42		1:1	left	2800±10		1900±30	n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-12-C-C-F	P-871-17	Lyc. LIO-320-B1A	EM-11 Orka		0.866:1	left	2340±10		1780±30	n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
MTV-21-A-C-F	P-875-12	Rotax 912/914		Standard	0.54:1	left	3132±10	1000		n/a	2400 rpm at 320 psi + 10 psi	n/a	315°±5°	decrease
MTV-6-D	P-877-16	Austro Diesel E4	DA42	20 mm	0.72:1	left	2800±10	2100		24VDC	2100 rpm at 150+10psi	n/a	355°±5°	decrease
MTV-9-D-C	P-880-2			Standard	1:1	right	2700±10	1400		n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
MTV-9-B-C , MTV-12-B-C	P-880-3	LycomingAE IO-360	EXTRA300/200	Standard	0.895:1	right	2420±10	1400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	decrease
MTV-9-B-C	P-880-4	Lycoming AEIO-360		Standard	0.866:1	right	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	decrease
MTV-9-B-C / MTV-14-B-C	P-880-5	Lycoming AEIO-540	EXTRA300,300/L, 300/S, CAP 232	Standard	0.947:1	right	2557±10	1400		n/a	1750 rpm at 320+10psi	n/a	110°±5°	decrease
MTV-12-D-C/C183-59b	P-880-16	TCN IO-360-ES(3)	G 202	Standard	1:1	right	2800±10	1600			1750 rpm at 320+10psi	n/a	135°±5°	decrease
HOV-343KV-183GY	P-880-37	Lyc. (AE)(IO)-360-B1F/B1B	G115	16 mm	0,866:1	right	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	20°±5°	decrease



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	P-880-18	Lycoming IO-360-	Acra 200	16 mm	0.866:1	right	2340±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-9-B-C	P-880-20	Lycoming IO-540		Standard	0.947:1	right	2557±10	1600		n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
	P-880-21	Lycoming IO-540(n. deck)		Standard	0.895:1	right	2420±10	1400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-9-D-C-F	P-881-2	TCM -IO-550		Standard	1:1	right	2700±10		1900±30	n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
	P-881-3	Lycoming IO-360-		16 mm	0.895:1	right	2420±10		1400±30	n/a	1750 rpm at 320+10psi	n/a	100°±5°	decrease
MTV-12-B-C-F	P-881-4	ASP376M1		16mm	0.867:1	right	2340±10		1700±30	n/a	1750 rpm at 320+10psi	n/a	100°±5°	decrease
MTV-21-A-C-F	P-881/4-15	Sauer S2500-1-HS1	Grob 109	16 mm	1:1	right	3000±10		1900±30	n/a	2400 rpm at 320+10psi	n/a	225°±5°	decrease
MTV-9-D-C-F	P-881-16	TCM-IO-550		Standard	1:1	right	2800±10		1900±30	n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
MTV-12-C-C-F	P-881-17	Lyc. IO-320-B1A	EM-11 Orka		0.866:1	right	2340±10		1780±30	n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
MTV-12-B-C-F	P-881-29	Lyc. TO-360-C1AA6D	P68 TC Observer	16 mm	0.895:1	right	2305±10		1740±30	n/a	1750 rpm at 320+10psi	n/a	210°±5°	decrease
MTV-12-B-C-F	P-881-30	Lyc. IO-360-A1B	P68()Obs.Left Eng.	16 mm	0.866:1	right	2340±10		1780±30	n/a	1750 rpm at 320+10psi	n/a	240°±5°	decrease
MTV-12-B-C-F	P-881-31	Lyc. IO-360-A1B	P68()Obs.Right Eng.	16 mm	0.866:1	right	2340±10		1780±30	n/a	1750 rpm at 320+10psi	n/a	295°±5°	decrease
	P-884-2	Lyc. IO-360		16 mm	1:1	right	2700±10	1.400		n/a	1750 rpm at 320+10psi	n/a	300°±5°	decrease
MTV-9-B-C	P-884-3	IO-540 narrow deck		Standard	0.895:1	right	2.420±10	1.400		n/a	1750 rpm at 320+10psi	n/a	100°±5°	decrease
MTV-9-B-C	P-884-5	IO-540 wide deck		Standard	0.947:1	right	2.557±10	1.400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-9-B-C	P-884-18	Lyc. IO-360-C1E6	Pitts S1T Exp.	Standard	0.866:1	right	2.340±10	1.400		n/a	1750 rpm at 320+10psi	n/a	315°±5°	decrease
MTV-21-A-C-R(M)	P-970-2	Rotax 912A	A-60	20 /25 mm	0,580:1	left	3364±10	2.500		24 VDC	2400 rpm at 240-250 psi	2180 rpm at 560+25psi	300°±5°	decrease
MTV-9-B-C-R(M)	P-970-5	Chevy V8	Seabee	20 /25 mm		left	2500±10	1.200		12 VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	310°±10°	decrease



Propeller	Governor	Engine	Aircraft	Pump	Gear Reduction	Direction of Rotation, facing engine mounting pad	RPM max.	RPM min.	Feather RPM	Solenoid	ÜV-Pressure 1	ÜV-Pressure 2	Head Position	Oil Pressure to
MTV-5-1-E-C-F-R(M)	P-970-6	M-14-P/PF	Helio Courier	20 / 25 mm	1.045:1	left	3085±10	1.500		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	310°±10°	decrease
MTV-25-2-D-C-R(M)	P-970-8	Lycoming LIO-360	Airship	25 mm	0.947:1	left	2440±10	1.400		24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	340±10	decrease
MTV-9-D-C	P-970-11	TCM Tiara 6-285-C6		25 mm	0,866:1	left	2.340±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	315°±5°	decrease
	P-970-22	M-14-P/PF	Murphy Moose	25 mm	1.045:1	left	3085±10	1.800		24VDC	2400 rpm at 240-250 psi	2180 rpm at 560+25psi	310°±10°	decrease
MTV-9-B-C-R(M)-S	P-971-4	SMA SR305-230		20 / 25 mm	1.227:1	left	2700±10		1715±25	24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	355±10	decrease
MTV-5-1-E-C-F-R(M)	P-971-7	Soloy	C 206	20 / 25 mm	0.7927:1	left	2640±10		1715±25	24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	355±10	decrease
MTV-25-2-D-C-F-R(M)	P-971-10	Allison T63 Mod.	Lancair 360	25 mm	1:2	left	2700±10		1715±25	24VDC	1750 rpm at 240-250 psi	1200 rpm at 565+25psi	355±10	decrease
MTV-9-D-C-R(M)	P-980-3	TCM IO-550-()	Lancair Legacy	25 mm	01:01	right	2700±10	1.400		24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	80±15	decrease
MTV-9-B-C-R(M)	P-980-8	Lycoming IO-540-	Lake 250	20 / 25 mm	0.947 : 1	right	2440±10	1.400		24 VCD	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	340±10	decrease
MTV-9-B-C-R(M)	P-980-9	Lycoming IO-540-	Lake 250	20 / 25 mm	0.947 : 1	right	2440±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	340±10	decrease
MTV-9-B-C-R(M)	P-980-11	Lycoming-IO		25 mm	0,866:1	right	2.340±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	315±10	decrease
	P-980-16	Lycoming-IO	Glasstar	25 mm	0,866:1	right	2.340±10	1.400		24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	300±10	decrease
MTV-9-B-C-R(M)	P-980-18	TCM IO-550-()	Experim. Amphib.	25 mm	1:1	right	2.700±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	300±10	decrease
MTV-25-2-D-C-R(M)	P-980-20	Lycoming AEIO-580-	Skycruiser	25 mm	0,947:1	right	2.557±10	1.400		24VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	315±10	decrease
MTV-9-B-C-R(M)	P-980-25	Lycoming IO-540 300 hp	Maule M-7-300-C	25 mm	0,947:1	richt	2.557±10	1.400		12 VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	315±10	decrease
MTV-9-B-C-R(M)	P-980-26		V8	25 mm		right	3428±10	2.200		12VDC	3000 rpm at 240-250 psi	3000 rpm at 560+25psi	305±5	decrease
MTV-9-B-C-R(M)	P-980-27	IO-540-T4B5	Experimental	25 mm	0,895:1	right	2305±10	1.200		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	305±10	degrease
MTV-15-B-C-R(M)	P-980-28	Lycoming O-360-A1A	PA-18-180	25 mm	0,866:1	right	2340±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	300±10	degrease
MTV-9-B-C-R(M)	P-980-29	Lycoming IO-390-()	Zenith CH 801	25 mm	0,947:1	right	2.557±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	300±10	degrease
MTV-9-D-C-R(M)	P-980-30	V8	Found Expedition	20/25 mm	1:1	right	2600±10	1.400		12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	305±10	degrease
	P-980-31	Chevy V8	Seabee	20/25 mm	1,67:1	right	2.950±10	1.750		12VDC	2400 rpm at 240-250 psi	1200 rpm at 560+25psi	310±10	degrease
MTV-9-D-C-F-R(M)	P-981-3	TCM IO-550-		25 mm	1:1	right	2700±10		1715±25	24 VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	25± 10°	decrease
	P-981-5	Chevy V8	Cessna 337	20 / 25 mm	01:01	right	2500±10		1300±20	12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	310±10	decrease

**mt-propeller****Governor Installations P-8( )(-)( ) P-9( )(-)( )**

03.07.2008

E-1057



Propeller	Governor	Engine	Aircraft	Pump	Gear Reduction	Direction of Rotation, facing engine mounting pad	RPM max.	RPM min.	Feather RPM	Solenoid	ÜV-Pressure 1	ÜV-Pressure 2	Head Position	Oil Pressure to
MTV-25-2-D-C-F-R(M)	P-981-10	Allison T63-A700	Lancair 360	25 mm	1:1	right	2600±10		1500±30	n/a	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	355±10	decrease
MTV-5-1-B-C-F-R(M)	P-981-26	Cessna Skymaster	V8	25 mm	1.37:1	right	3428±10		2300±30	12VDC	3000 rpm at 240-250 psi	1500 rpm at 565+25psi	305±10	decrease
MTV-5-1-B-C-F-R(M)	P-981-30	Cessna 337	Chevy V8	20/25 mm	1,98:1	right	2600±10		1300±20	12VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	310±10	decrease
^MTV-9-D-C-F-R(M)	P-985-3	TCM IO-550-N	BE-101	25 mm	1:1	right	2700±10		1900±25	24 VDC	1750 rpm at 240-250 psi	1200 rpm at 560+25psi	300±10	decrease
Verteiler:	Boss, MT E-Werkstatt, MT GmbH Werkstatt, Regler Werkstatt, MTP USA, MTE-Server													