

	No.	Description	Models affected
M	1	Added new Weight & Balance Data, new Baggage Compartment Placard, and Baggage Straps/ Fittings to Aircraft.	M-4
M	2	Installs a Balance Weight to each of the Elevators.	M-4
M	3	Inspects and corrects Brakes to prevent possible binding and Brake locking.	M-4
M	4	Installs FAA approved Airplane Flight Manual in Aircraft.	M-4
M	5	Installs Forward Seat Stop to Front Seats.	M-4
M	6	Removes Fuel Limitation & Intentional Sideslip Prohibited Placards and corrects Prop from over-revving with Governor in operation.	M-4-210
M	7	Modifications to prevent Fuel Starvation during various flight attitudes. (AD# 65-28-04)	M-4-210
M	8	Modifications to prevent Fabric Covering from possible loosening at top of Windshield. (AD# 65-18-01)	M-4 M-4-210
M	9	Retrofit new Elevator Trim Control.	M-4 & M-4-210
M	10	Inspects and reinforces rear Engine Mount Support Fitting.	M-4-210
M	11	Places "NO SMOKING" Placard.	M-4 & M-4-210/C
M	12	Installs Oil Temperature Cooling Kit.	M-4/C/S/T
M	13	Installs Guard Plates for the Fuel Crossover Line which runs under the Front Seat.	M-4/C/S/T M-4-210/C M-4-220C/S
M	14	Modifies Rudder Trim Tab Hinges. (AD# 68-07-08)	(M-4/C/S/T M-4-210/C M-4-220C/S
O	15	Modifies M-4-210 series Aircraft for new gross weight of 2300 lbs.	M-4-210/C
M	16	Installs Alternator Switch which can cut out the Alternator in case of a Short in the Alternator or wiring system.	All M-4-220C/S with # 5106 Alternator
M	17	Inspects for and repairs any cracks in Aileron Hinge & Flap Hinge Bracket.	M-4C M-4-210C M-4-220C
M	18	Modification to prevent possible malfunction of the Throttle Linkage Control.	M-4-220C/S
M	19	Installs Washers preventing possible detachment of Pulley Bearings from Pulleys on Control Column. (AD# 69-20-02)	M-4/C/S/T M-4-210/C M-4-220C/S
M	20	Beefs-up early Engine Mount.	M-4
M	21	Modification to prevent possibility of Bucket Seats coming off of Track. (AD# 71-06-06)	M-4-180C M-4-220C
M	22	Installs 5 Amp Circuit Breaker for protection of the Alternator Field Wire.	M-4-220C/S M-4-180C with #5106 Alternator
M	23	Inspects for possible low areas in Fuel Line Crossover and replaces Union Fitting at Firewall. (AD# 71-17-01)	M-4-180C M-4-220C/S

M	24	Relocates Cylinder Head Temp. Probe to #4 Cylinder. (AD# <u>73-11-06</u>)	M-4-180C M-4-220C/S
M	25	Installs Cylinder Head Temperature Slug. (AD# <u>73-11-06</u>)	M-4-220C
M	26	Installs Baffle to improve engine cooling to allow Continuous Full Throttle Engine Operation. (AD# <u>73-11-06</u>)	M-4-180C M-4-220C
O	27	Removes Placard limiting the Full Throttle Power Setting to 5 min. and allows continuous Full Throttle Operation upon completion of the five procedures listed in Service Letter.	All M-4-220C/S
M	28	Cooling mod for EDO Float equipped M-5-210C/220C Aircraft.	M-5-210C M-5-220C
M	29	Provides clearance between Prop & Throttle Controls and Control Column Chain. (Angled spacers may be required.)	M-5-210C M-5-220C
M	30	Reinstalls right side Exhaust Hanger Brace from Engine Stack to the Alternator Mount.	M-4-220C/S M-5-220C
M	31	Installs coiled Fuel Line between Check Valve on -210's. (AD# <u>75-11-02</u>)	M-4-210/C M-5-210C
M	32	Installs Quick Drains for Auxiliary Fuel Tank Sumps. (AD# <u>84-09-07</u>)	M-4-220C, M-5-210C/-220C & all M-4's, M-4-180's/-210's/-220's & retrofitted with Auxiliary Fuel Tanks in field
O	33	Modification to prevent and correct Exhaust Manifold cracking. Notifies owners of Dual Exhaust System available for -210.	M-4-210/C M-5-210C
O	34	Corrects Hartzell Prop low pitch Stop from a setting of 14.5° to 16°.	M-5-235C
O	35	Places "NO SMOKING" Placard in full view or fireproofs questionable Burgundy Upholstery Fabric.	M-5-210 M-5-235C
M	36	Revises Center of Gravity and C.G. Envelope.	M-5-235C
M	37	Replaces Aileron Pulley Bearing Retaining Washers if Washers installed were too small.	M-5-210C M-5-235C
M	38	Corrects a possible Floatplane Reinforcement deficiency.	Possible in M-5-235C, s/n 7073C-7077C, 7079C, 7085C only
M	39	Inspects Fuel Line condition & replaces if necessary. (AD# <u>78-13-08</u>)	M-5-210C M-5-235C
M	40	Installs Flap Placard.	M-5-210C M-5-220C M-5-235C
M	41	Installs Razorback Decal.	M-5-210C M-5-220C M-5-235C
O	42	Replaces Cont. IO-360-A Engine with IO-360-D Engine.	M-4-210C
O	43	Modification for Upgross to 2500#.	M-5-235C
O	44	20°/40° Flap Ratchet modification.	M-5-235C
O	45	Modification for Upgross to 2500#.	M-5-210C
O	46	20°/40° Flap Ratchet modification.	M-5-210C
O	47	20°/40° Flap Ratchet modification.	M-5-210TC
O	48	20°/40° Flap Ratchet modification.	M-5-220C
O	49	20°/40° Flap Ratchet modification.	M-5-180C

O	50	Model M-4-180C modified to M-4-220C.	M-4-180C
O	51	Modification for Upgross to 2500#.	M-5-220C
O	52	New Alternator Control System (Lamar) for -235.	M-5/M-6-235/C
O	53	Model M-4-220C modified to M-4-210C.	M-4-220C
O	54	Model M-5-220C modified to M-5-235C.	M-5-220C
M	55	Inspection and possible replacement of Elevator Control Cable system Turnbuckles.	All Maule Models
M	56	Inspects the condition of the Rubber Seal on the Carburetor Air Heat Valve and replaces Seal if deteriorated or worn and/or if it is made from a <u>red</u> rubber material.	All Aircraft manufactured before June 1991 with Lycoming O-360 & O-540 engines [M5 & up]
O	57	Provides a repair kit for Fuel Shutoff Valve used on Cont. IO-360 Engine Installations (This cable-operated valve is located under the fuel header tank.)	M-4/M-5-210/C
O	58	Notification re Lift Strut AD	All models
M	59	Inspection and possible repair/replacement of Horizontal Stabilizer Struts, Lower Strut Attach Stub Tubes and Attaching Hardware.	All M-5's and up
O	60	New Alternator Control System (Lamar) for -180.	M-5-180C
M	61	Replaces Attach hardware for all doors with castellated Nuts and Cotter Pins.	All models
M	62	Inspection and possible field fix for Nose Gear and Steering Yoke Attachment. Installs turning limit Decals to Nose Gear.	All Trigear Models
M	63	Inspection and possible field fix of front bucket seat installation.	All models w/bucket seats
M	64	Inspection and possible field fix of elevator control cable & shackle.	All models built before 3/28/02
O	65	New Alternator Control System (Lamar) for -210TC	M-5-210TC
O	66	Addition of high-strength bolts as preferred option for outboard and inboard attach bolts for spring gears.	All spring gear and trigear models
M	67	Places the Minimum Equipment Placard in an easily seen location in the cockpit for those airplanes equipped with Vortex Generators.	All Maule Models equipped with VG 3/1997 - 10/2005

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