

	No.	Description	Rev.	Models affected
M	1	Added new Weight & Balance Data, new Baggage Compartment Placard, and Baggage Straps/ Fittings to Aircraft.	I.R.	M-4
M	2	Installs a Balance Weight to each of the Elevators.	I.R.	M-4
M	3	Inspects and corrects Brakes to prevent possible binding and Brake locking.	I.R.	M-4
M	4	Installs FAA approved Airplane Flight Manual in Aircraft.	I.R.	M-4
M	5	Installs Forward Seat Stop to Front Seats.	I.R.	M-4
M	6	Removes Fuel Limitation & Intentional Sideslip Prohibited Placards and corrects Prop from over-revving with Governor in operation.	I.R.	M-4-210
M	7	Modifications to prevent Fuel Starvation during various flight attitudes.	I.R.	M-4-210
M	8	Modifications to prevent Fabric Covering from possible loosening at top of Windshield. (AD# 65-18-01)	I.R.	M-4/M-4-210
M	9	Retrofit new Elevator Trim Control.	I.R.	M-4/M-4-210
M	10	Inspects and reinforces rear Engine Mount Support Fitting.	I.R.	M-4-210
M	11	Places "NO SMOKING" Placard.	I.R.	M-4/M-4-210/C
M	12	Installs Oil Temperature Cooling Kit.	I.R.	M-4/C/S/T
M	13	Installs Guard Plates for the Fuel Crossover Line which runs under the Front Seat.	I.R.	M-4/C/S/T/210/C M-4-220C/S
M	14	Modifies Rudder Trim Tab Hinges. (AD# 68-07-08)	I.R.	M-4/C/S/T M-4-210/C/-220C/S
O	15	Modifies M-4-210 series for new gross weight of 2300 lbs. (3006F)	I.R.	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.	I.R.	All M-4-220C/S w/ #5106 Alternator
M	17	Inspects for and repairs any cracks in Aileron Hinge & Flap Hinge Bracket.	I.R.	M-4C/-210C M-4-220C
M	18	Modification to prevent possible malfunction of the Throttle Linkage Control.	I.R.	M-4-220C/S
M	19	Installs Washers preventing possible detachment of Pulley Bearings from Pulleys on Control Column. (AD# 69-20-02)	I.R.	M-4/C/S/T M-4-210/C/220C/S
M	20	Beefs-up early Engine Mount.	I.R.	M-4
M	21	Modification to prevent possibility of Bucket Seats coming off of Track. (AD# 71-06-06)	I.R.	M-4-180C M-4-220C
M	22	Installs 5 Amp Circuit Breaker for protection of the Alternator Field Wire.	I.R.	M-4-180C/220C/S w/ #5106 Alternator
M	23	Inspects for possible low areas in Fuel Line Crossover and replaces Union Fitting at Firewall. (AD# 71-17-01)	I.R.	M-4-180C M-4-220C/S
M	24	Relocates Cylinder Head Temp. Probe to #4 Cylinder. Rev. A Approved (AD# 73-11-06)	A	M-4-180C M-4-220C/S
M	25	Installs Cylinder Head Temperature Slug. Rev. A Approved	A	M-4-220C
M	26	Installs Baffle to improve engine cooling to allow Continuous Full Throttle Engine Operation. Rev. A Approved (AD# 73-11-06)	A	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. Rev. A Approved	A	All M-4-220C/S
M	28	Cooling mod for EDO Float equipped M-5-210C/220C Aircraft. Rev. A Approved	A	M-5-210C/-220C
M	29	Provides clearance between Prop & Throttle Controls and Control Column Chain. (Angled spacers may be required.)	I.R.	M-5-210C/-220C

M	30	Reinstalls right side Exhaust Hanger Brace from Engine Stack to the Alternator Mount.	I.R.	M-4-220C/S M-5-220C
M	31	Installs coiled Fuel Line between Check Valve on -210's. (AD# 75-11-02)	I.R.	M-4-210/C M-5-210C
M	32	Installs Quick Drains for Auxiliary Fuel Tank Sumps. (AD# 84-09-07)	I.R.	M-4/M-4-180C/ 210/C/220C/S w/ Aux. Fuel Tanks
O	33	Modification to prevent and correct Exhaust Manifold cracking. Notifies owners of Dual Exhaust System available for -210.	I.R.	M-4-210/C M-5-210C
O	34	Corrects Hartzell Prop low pitch Stop from a setting of 14.5° to 16°.	I.R.	M-5-235C
O	35	Places "NO SMOKING" Placard in full view or fireproofs questionable Burgundy Upholstery Fabric.	I.R.	M-5-210 M-5-235C
M	36	Revises Center of Gravity and C.G. Envelope. Rev. A Approved	A	M-5-235C
M	37	Replaces Aileron Pulley Bearing Retaining Washers if Washers installed were too small.	I.R.	M-5-210C M-5-235C
M	38	Corrects a possible Floatplane Reinforcement deficiency.	I.R.	Possible in M-5-235C, s/n 7073C-7077C, 7079C, 7085C only
M	39	Inspects Fuel Line condition & replaces if necessary. (AD# 78-13-08)	I.R.	M-5-210C M-5-235C
M	40	Installs Flap Placard.	I.R.	M-5-210C/ -220C/-235C
M	41	Installs Razorback Decal.	I.R.	M-5-210C/ -220C/-235C
O	42	Replaces Cont. IO-360-A Engine with IO-360-D Engine. Rev. A Approved	A	M-4-210C
O	43	Modification for Upgross to 2500#. Rev. B Approved	B	M-5-235C
O	44	20°/40° Flap Ratchet modification. Rev. A Approved	A	M-5-235C
O	45	Modification for Upgross to 2500#. Rev. A Approved	A	M-5-210C
O	46	20°/40° Flap Ratchet modification.	I.R.	M-5-210C
O	47	20°/40° Flap Ratchet modification.	I.R.	M-5-210TC
O	48	20°/40° Flap Ratchet modification. Rev. A Approved	A	M-5-220C
O	49	20°/40° Flap Ratchet modification. Rev. A Approved	A	M-5-180C
O	50	Model M-4-180C modified to M-4-220C.	I.R.	M-4-180C
O	51	Modification for Upgross to 2500#. Rev. A Approved	A	M-5-220C
O	52	New Alternator Control System (Lamar) for -235. Rev. B Approved	B	M-5/M-6-235/C
O	53	Model M-4-220C modified to M-4-210C.	I.R.	M-4-220C
O	54	Model M-5-220C modified to M-5-235C. Rev. B Approved	B	M-5-220C
M	55	Inspection and possible replacement of Elevator Control Cable system Turnbuckles.	I.R.	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.	I.R.	All Aircraft manufactured before 6/1991 with Lyc 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.)	I.R.	M-4/M-5-210/C
O	58	Notification re Lift Strut AD	I.R.	All models

M	59	Inspection and possible repair/replacement of Horizontal Stabilizer Struts, Lower Strut Attach Stub Tubes and Attaching Hardware.	I.R.	All M-5's and up
O	60	New Alternator Control System (Lamar) for -180.	I.R.	M-5-180C
M	61	Replaces Attach hardware for all doors with castellated Nuts and Cotter Pins.	I.R.	All models
M	62	Inspection and possible field fix for Nose Gear and Steering Yoke Attachment. Installs turning limit Decals to Nose Gear.	I.R.	All Trigear Models
M	63	Inspection and possible field fix of front bucket seat installation.	I.R.	All models w/bucket seats
M	64	Inspection and possible field fix of elevator control cable & shackle.	I.R.	All models built before 3/28/02
O	65	New Alternator Control System (Lamar) for -210TC. Approved 4/21/05	I.R.	M-5-210TC
O	66	Addition of high-strength bolts as preferred option for outboard and in-board attach bolts for spring gears. Rev. B Approved	B	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.	I.R.	All Maule Models equipped with VG 3/1997 – 10/2005
M	68	Control Cables Inspection.	I.R.	All
	69	Applies Crosswind Component Placard. PENDING		M-4-180V
M	70	<p>Change location of Oil Temperature probe on Lycoming engines which incorporate two separate Magnetos. Includes O-320-B2D, O-360-C1F, O-360-C4F, O-540-J3A5, O-540-B4B5, IO-540-W1A5 and IO-540-V4A5 Engines. (This does <u>not</u> apply to Lycoming engine Maules incorporating a single drive magneto.)</p> <p>*Includes <u>all</u> s/n's **Includes M-5-235C s/n 7486C, M-6-235 s/n's 7475C, 7492C, 7494C, 7505C-7507C, 7515C, 7516C, 7519C, 7521C, 7522C, MX-7-235 s/n's 10058C, 10088C, 10122C, M-7-235 s/n's 4055C, 4082C-4084C, 4086C, 4087C, 4102C, 4123C, 4131C, 4132C, M-7-235B s/n's 23001C, 23013C-23017C, 23019C-23106C, MT-7-235 s/n's 18001C-18003C, M-8-235 s/n 15006C</p>	I.R.	<p>M-5-180C*/-235C**, M-6-180*/-235**, MX-7-160*/-160C*/-180*/-180A*/-180B*/-180C*/-180AC*, MX-7-235**, MXT-7-160*/-180*/-180A*, M-7-235**/-235B**/-235C*/-260*/-260C*, MT-7-235**/-260*, M-8-235**</p>
M	71	Parking Brake adjustment Instructions.	I.R.	All
M	72	Glider Tow Release Handle Installation inspection and Mounting Bracket orientation correction if required.	I.R.	All Tow Planes
M	73	Inspection of Dual Caliper Brakes with 8:00 and 8:50 Tires and correction if required. (Spring gear models affected with rear mount caliper brakes.)		MX-7-180C, MX-7-180AC, M-7-235C, M-7-260C, M-8-235, M-7-420AC