



Manufacturers of Fine STOL Aircraft

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2011 Maule Aircraft Buyer's Guide

www.mauleairinc.com

Performance Specifications

(Do Not Use For Flight Planning)

Oleo Strut Tailwheel Models	MX-7-180B	M-7-235B	M-7-260
Engine (Lycoming):	0-360-C1F	0-540-B4B5 / IO-540-W1A5	IO-540-V4A5
Gross Weight	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)
Empty Weight (avg.):	1438 lbs. (654 kg)	1605 lbs. (730 kg)	1610 lbs. (732 kg)
Useful Load (avg.):	1062 lbs. (483 kg)	895 lbs. (407 kg)	890 lbs. (405 kg)
Stall Speed (full flaps / power off / light weight)	40 mph (35 kts)	40 mph (35 kts)	40 mph (35 kts)
Take Off, Ground Roll (light weight):	300 ft. (92 m)	250 ft. (76 m)	250 ft. (76m)
Take Off (light weight) over 50' Obstacle:	700 ft. (214 m)	600 ft. (183 m)	600 ft. (183 m)
Rate of Climb, Initial (light weight):	1000 fpm (5.1 m/s)	1500 fpm (7.6 m/s)	1650 fpm (8.4 m/s)
Landing (light weight) over 50' Obstacle:	900 ft. (274 m)	900 ft. (274 m)	900 ft. (274 m)
Service Ceiling:	15,000 ft. (4572 m)	20,000 ft. (6096 m)	20,000 ft. (6096 m)
Fuel Consumption (avg.) (US gals.) (65% power):	9 gph (34 lph)	12 gph (45 lph) / 11 gph (42 lph)	14 gph (53 lph)
Cruise (75% power / Opt. Alt.) (TAS):	138 mph (120 kts)	158 mph (137 kts)	162 mph (141 kts)

Aluminum Spring Tailwheel Models	MX-7-180C	M-7-235C	M-7-260C
Engine (Lycoming):	0-360-C1F	0-540-B4B5 / IO-540-W1A5	IO-540-V4A5
Gross Weight	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)
Empty Weight (avg.):	1483 lbs. (674 kg)	1653 lbs. (751 kg)	1671 lbs. (760 kg)
Useful Load (avg.):	1017 lbs. (462 kg)	847 lbs. (385 kg)	829 lbs. (377 kg)
Stall Speed (full flaps / power off / light weight)	40 mph (35 kts)	40 mph (35 kts)	40 mph (35 kts)
Take Off, Ground Roll (light weight):	300 ft. (92 m)	250 ft. (76 m)	250 ft. (76m)
Take Off (light weight) over 50' Obstacle:	700 ft. (214 m)	600 ft. (183 m)	600 ft. (183 m)
Rate of Climb, Initial (light weight):	1000 fpm (5.1 m/s)	1500 fpm (7.6 m/s)	1650 fpm (8.4 m/s)
Landing (light weight) over 50' Obstacle:	900 ft. (274 m)	900 ft. (274 m)	900 ft. (274 m)
Service Ceiling:	15,000 ft. (4572 m)	20,000 ft. (6096 m)	20,000 ft. (6096 m)
Fuel Consumption (avg.) (US gals.) (65% power):	9 gph (34 lph)	12 gph (45 lph) / 11 gph (42 lph)	14 gph (53 lph)
Cruise (75% power / Opt. Alt.) (TAS):	138 mph (120 kts)	158 mph (137 kts)	162 mph (141 kts)

Nosewheel Models	MXT-7-180	MT-7-235	MT-7-260
Engine (Lycoming):	0-360-C1F	IO-540-W1A5	IO-540-V4A5
Gross Weight	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)	2500 lbs. (1136 kg)
Empty Weight (avg.):	1528 lbs. (695 kg)	1665 lbs. (757 kg)	1696 lbs. (771 kg)
Useful Load (avg.):	972 lbs. (442 kg)	835 lbs. (380 kg)	804 lbs. (366 kg)
Stall Speed (full flaps / power off / light weight)	40 mph (35 kts)	40 mph (35 kts)	40 mph (35 kts)
Take Off, Ground Roll (light weight):	300 ft. (92 m)	250 ft. (76 m)	250 ft. (76m)
Take Off (light weight) over 50' Obstacle:	700 ft. (214 m)	600 ft. (183 m)	600 ft. (183 m)
Rate of Climb, Initial (light weight):	1000 fpm (5.1 m/s)	1500 fpm (7.6 m/s)	1650 fpm (8.4 m/s)
Landing (light weight) over 50' Obstacle:	900 ft. (274 m)	900 ft. (274 m)	900 ft. (274 m)
Service Ceiling:	15,000 ft. (4572 m)	20,000 ft. (6096 m)	20,000 ft. (6096 m)
Fuel Consumption (avg.) (US gals.) (65% power):	9 gph (34 lph)	11 gph (42 lph)	14 gph (53 lph)
Cruise (75% power / Opt. Alt.) (TAS):	138 mph (120 kts)	158 mph (137 kts)	162 mph (141 kts)

Performance Observations are for One Person, 22 gals. Fuel, Sea Level, Standard Day Conditions

Performance That Counts!

Equipment and Options subject to change without notice. For Pricing Information please refer to the Maule Air, Inc. Aircraft Order Form
Available from your Authorized Maule Dealer
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