

MONTAER MC-04



SPECIFICATIONS & PERFORMANCE

DIMENSIONS		WEIGHT AND CAPACITY	
Seats	4 (Pilot + 3)	Empty weight	1190 lbs
Length	21 ft	Max. Take-Off Weight	2425 lbs
Height	8.5 ft	Useful Load	1235 lbs
Wing span	32.8 ft	Luggage (cargo)	88 lbs
Wing area	147 ft ²	Fuel tanks capacity	47.6 gal US
Inside Cabin Width	4 ft	Flight Autonomy	6h
Inside Cabin Height	3.9 ft	Max. Load factors (Gust load factors)	+4G / -2G

POWERHOUSE	
Engine Model	Rotax 916iS Turbocharged
Power	160 HP / 117 KW
Engine TBO	2,000 h
Propeller Model	DUC 4-Blade Tiger B
Propeller Pitch	In-flight adjustable via hydraulic constant-speed governor
Torque at 5800 RPM	193Nm / 142ft lbs
Engine Starter Voltage	12V Standard /24V Optional

PERFORMANCE NUMBERS	
Cruise speed	130 KTAS
VNE IAS	144 Kt
Take off distance	650 ft
Climb rate	1420 ft/min
Stall speed with no flaps IAS (Vs)	Low 58 KIAS
Stall speed with full flaps IAS (Vs0)	Low 49 KIAS
Landing Roll distance	820 ft
Glide Ratio	10:1
Consumption	7.42 gal US/h
Service Ceiling	14,500 ft

INSTRUMENTS / AVIONICS	IFR approaches (LPV, ILS, VOR, RNAV, etc.)
Panel Screen Feature (PMD/MFD)	Two Garmin G3X 10.6" Touchscreen - with full situational awareness, synthetic vision, moving maps, weather, traffic, terrain, and engine monitoring
GPS / NAV / COMM / MFD	Garmin GTN 750Xi - integrates GPS, NAV, COMM, and MFD functions — a certified IFR navigator for approaches, departures, and enroute navigation.
Transponder (in/out)	Garmin GTX 345 R - real-time traffic and weather displayed on your G3X and GTN
Audio Panel	Garmin GMA 345 - with Bluetooth connectivity, 3D audio, and intercom for internal communication
Autopilot	Garmin GMC 507 - with fully integrated digital autopilot with altitude hold, heading, GPS track, approach coupling, and automatic stability protection.
Radio COMM	GTR 205 Remote - provides a secondary COMM for flexibility and redundancy
Garmin G5 (W/ Magnetometer)	Included - ensures independent backup attitude and heading info
Emergency Locator Transmitter	ELT - for compliance and emergency location capability. Dual power sources and integrated alerts enhance safety

INTERIOR FEATURES		EXTERIOR
Pilot and Co-pilot Adjustable and reclinable Seats	Grip Grab Handle (Pilot and Co-Pilot)	Spin-Resistant Design
Real Premium Leather Seats	Dual Yoke Controls	Ballistic Recovery Systems (BRS) Available
Front Center Armrest w/ Storage Console	Electric Trim	Welded, 4130 molybdenum-steel-tube passenger safety cell
04 Cup Holders (02 front, 02 retractable on rear)	Electric Flaps	All Aviation-grade Aluminum Airframe
02 12V Outlets	Efficient Ventilation System	Matco 6" Extreme Duty Brake System
Standard LEMO Outlets	Precision Fuel Selector Valve System	Tires: 600 X 6
5th door for cargo area access	High-Visibility Panoramic view Cabin	High-Strength Tricycle Fixed Landing Gear
Full Carpet Floor Covering: Carpet Front And Rear Mats	3 and 4 Point Seat Belt (front/rear)	Hand Controls System Available
SiriusXM Available (entertainment and weather data)	Full Premium Leather Interior & Finishes	Low Stall Characteristics
Parking Brake	Perfectly Harmonized Controls	Easy-Open Engine Cowling for Rapid Maintenance and Inspections
Panel Reading Auxiliary Lights (LED)	Connectivity - Sync flight plans wirelessly and wi-fi system updates	High-Lift Thick Wing Design Ensuring Superior Balance and Unmatched Stability

* Performance and specification numbers may vary depending on the aircraft trim, engine choice, configuration, add-on options, or other factors.