



Flight Design 2009 MC
True Utility in a Light Sport Aircraft



The Flight Design MC is the latest aircraft from the talented engineers of Flight Design. Created to complement the LSA sales leading CTLs, the MC offers true utility and performance in a rugged metal airframe. Constructed from Aluminum, steel and composites, the MC features a steel space frame, all aluminum flying surfaces and a composite cabin and cowling. Flight Design has maximized the performance envelope available for Light Sport aircraft with the ever-popular CTsw and the class leading CTLs, so our focus with the MC is to provide more utility with a truly giant cabin and easy-to-maintain modular construction.

Designed with training and commercial fleet uses in mind, the MC is also the right choice for the pilot or flying club that wants the unique configuration that makes Flight Design aircraft so popular. Excellent visibility, spacious baggage area and easy cabin entry are features that will help make the MC a favorite choice as well.

To attract younger customers, you need to offer the latest technology in a modern affordable aircraft. To make your school or flying club more successful, you need to bring down the cost of learning to fly, while preserving your bottom line. The MC can help with its fuel efficient Rotax powerplant and simple, low maintenance airframe.

The metal flying surfaces of the MC are buck riveted and corrosion proofed for many hours of

maintenance free flying. The massive steel pilot cage is covered with easy-to-remove composite shells to allow quick access to the engine, landing gear and controls for annual or 100 hour inspections. The main landing gear is the Flight Design no-bounce composite gear introduced on the

CTLS. Strong and maintenance free, the main gear makes sure the last landing of the day is a happy one.

The large cabin of the MC has a width of nearly 52 inches! The 2-way adjustable seats and extra-wide cabin doors makes for easy entrance and a comfortable experience for you and your passenger. The four-point safety harnesses, wing located fuel tanks and the **BRS 1350 parachute system** are just a few of the well thought out safety features of this state-of-the-art aircraft.

Standard Features *BRS 1350 HS parachute system *Full instrument package *Rotax® 912 four-cylinder, four-stroke, liquid-cooled engines *2 blade composite propeller *Conventional three-axis controls *Electric pitch trim system *Cabin door gas struts *Two large capacity baggage compartments *Two cockpit storage compartments *Electric pre-selector flap system *One piece molded windshield *Steerable nose wheel *Hydraulic brakes *Durable, two-part Urethane paint.



MC ADVANCED PANEL

Dynon D-180 combined EFIS (Electronic Flight Information System) and EMS (Engine Management System) display W/back up primary flight instruments. **Optional Equipment & Avionics** Dynon D-100 and D-120 dual screen upgrade · Garmin SL 40 or SL30 radios · Garmin GTX 327 or 330 Transponders · CT Pilot Autopilots · Garmin 496 GPS · ASTM compliant Night Flight package



MC CLASSIC PANEL

UMA airspeed indicator · Altimeter · Magnetic Compass · UMA Tachometer · Slip indicator · UMA Oil pressure gauge * UMA Oil temp gauge · UMA CHT gauge · Hobbs hourmeter **Optional Equipment & Avionics** Garmin SL 40 or SL30 radios · Garmin GTX 327 or 330 Transponders · CT Pilot Autopilots · Garmin 496 GPS · ASTM compliant Night Flight Package

Flight Design USA Distributors/Service Centers

Airtime Aviation, Tulsa, OK 918-625-5442 South Central

LSA North, Edina, MN 952-469-0640 North Central

Hillsdale Aero Inc., Hillsdale, MI 517-437-4755 North Central

Flight Design West, Carson City, NV 775-813-4318 West Coast

Flight Design USA, S.Woodstock, CT 860-963-7272 North East

Flight Design Mid-Atlantic, Litz, PA 717-818-9063 Central Atlantic

Sebring Aviation, Sebring, FL 863-655-2242 South East

P.O. Box 325 | South Woodstock, Connecticut 06267

860.963.7272 | Fax: 860.963.7152 | fstar@rcn.com | www.flightdesignusa.com

P.O. Box 325 | South Woodstock, Connecticut 06267

860.963.7272 | Fax: 860.963.7152 | fstar@rcn.com | www.flightdesignusa.com

Flight Design USA MC CUSTOMER Purchase Order Form

MC includes the following as standard equipment:

- 80-hp Rotax 912UL engine
- Electric pitch trim system
- BRS 1350 Parachute system
- Sport seats with headrest
- Cabin heater, carburetor heat
- Stainless steel exhaust
- Engine cowling w/quick fasteners
- 2 Blade composite propeller
- LED position and strobe lights
- UMA advanced analog gauge package
- Dynon D-180 EFIS-EMS or
- Wheel pants and gear fairings
- Mecaplex sliding air-vents
- Cabin-located fire extinguisher
- Advanced LED strobes & position lights
- Gull wing doors w/gas struts

MC Classic with UMA analog instrument panel

\$	98,993.00
\$	113,823.00

MC Advanced with Dynon D180 combined EFIS-EMS, BRS

\$	113,823.00
----	------------

Upgrade Options

- Rotax 912ULS 100 hp with prop clutch \$4,260
- Thermostat Package (only 912 ULS) \$615

Airframe & Equipment Options

- Nightflight Package MC Classic Trutrak ADI Electronic Gyro, Instrument and panel lighting \$3,150
- LED landing light MC Classic \$725
- LED landing light MC Advanced \$725
- Photo Window \$740
- Tundra Wheels with Wheel Fairings \$1,290
- Black Leather Seats \$1,120
- Light Brown Leather Seats \$1,120

Factory-installed Avionics

- Dynon D100/D120 Superbright upgrade MC Advanced only \$1,720
- Garmin SL 40 Com, GTX 327 Mode C and GPS 495 (included in MC Advanced) MC Classic \$6,085
- Upgrade Garmin 330 Mode S Transponder \$2,670
- Upgrade GPS 496 XM \$895
- Upgrade Garmin SL-30 Nav/Com with Dynon HS-34 \$3,990
- ELT 121,5 MHZ \$195
- ELT 406 MHZ \$995
- No headsets -\$380

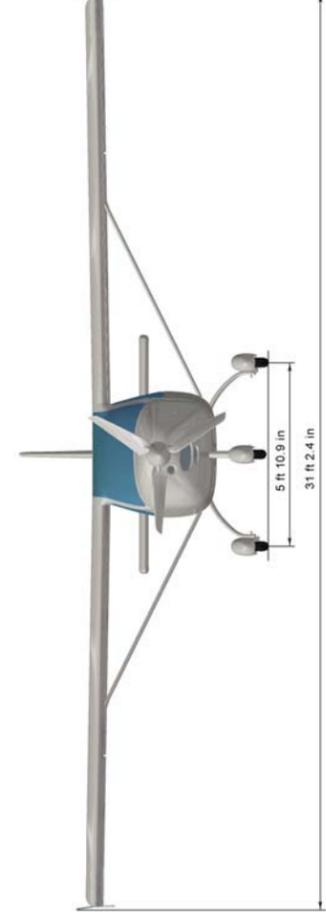
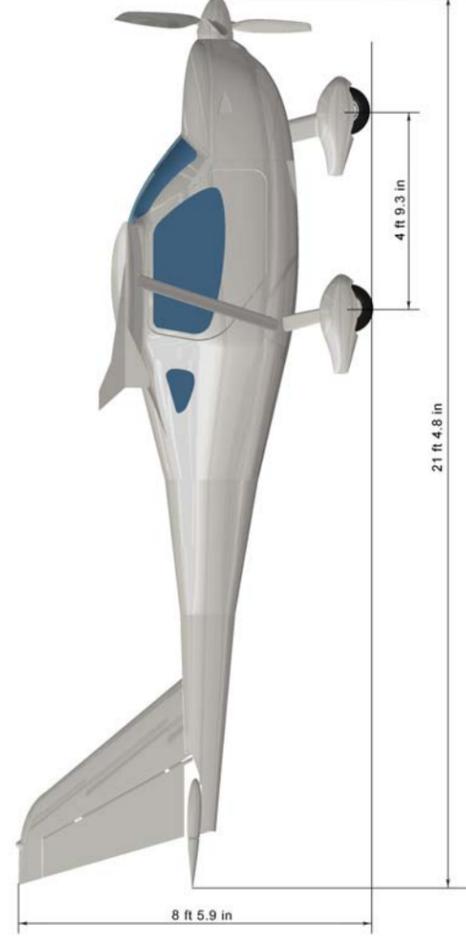
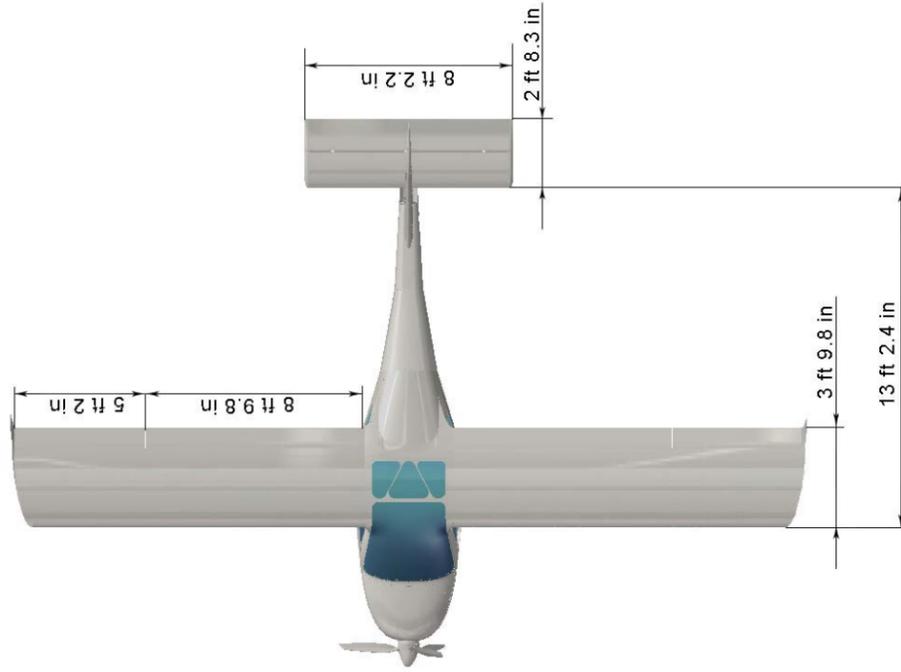
Autopilots

- CT Pilot 1 Axis (Digitflight II FP basis) \$2,950
- CT Pilot 2 Axis (Digitflight II FP basis) \$4,950
- CT Pilot 2 Axis + vertical speed (Digitflight II FP VS basis) \$5,450

U.S. Government fees for security and processing
 TOTAL COST (order valid only when accepted by FD-USA)

\$	650
----	-----

Dealer: _____ Customer: _____



Performance	
VH: maximum horizontal speed	115 Kts
VNE: maximum permissible airspeed (red line)	135 Kts
Take-off run	780 ft
Take-off over 50 ft obstacle	1,300 ft
Max.range with 26.5 US Gal @ 97 Kts (30 min reserve)	500 NM

Weights and Dimensions	
Basic Empty weight	795 Lbs
Max. take off weight	1320 Lbs
Wing area	121.6 ft
Wingspan	31 ft 2.4 in
Overall height	8 ft 5.9 in
Overall length	21 ft 4.8 in
Max. cabin interior width	51.6 in
Fuel capacity	26.4 US Gal

FLIGHT DESIGN
MC