



F2-CS

The F2-CS is the new certified aircraft from Flight Design general aviation. One we think will redefine light aircraft safety, performance and comfort. The F2 brings a fresh look at high-wing light aircraft design with class leading safety features, unique aerodynamics and an advanced Garmin G3X avionics suite.

The spacious 'extra-large' cabin of the F2 has been designed for extra rigidity and incorporates a combination of dynamically tested passenger seats, panel-mounted AMSAFE™ airbags and an Airframe Emergency Parachute System (AEPS) for your safety. The F2 is improved with many clever design features, such as the single lever throttle and brake system, a giant rear cabin storage area and comfortable leather covered electrically adjustable seats.



The F2 was designed specifically for international CS-23/Part-23 certification and to meet the ASTM F3180 low-speed flight characteristics of fixed-wing aircraft standard for slow flight characteristics, spinning, and stall warning. The sculpted winglets reduce drag, improve climb, stability and cruising range. The smooth cantilever strutless wing also reduces drag and allows maximum visibility from the cockpit.

The F2-CS comes equipped with some of the most advanced avionics and safety systems as can be found on any aircraft offered in General Aviation. Standard features include a custom **Garmin G3X** avionics suite featuring: Dual 10" G3X screens, GTR 255 Com, GTX 345 transponder with 2020 Compliant ADS-B (in and out) for Weather and traffic, GMA 245 audio panel with Bluetooth, GFC 507 advanced two-axis autopilot W/level button, **AMSAFE** panel mounted airbags and automotive-style inertial-reel seat belts, the **Rotax 912iS** 100HP fuel injected engine, Stainless exhaust system, Hot water heat and panel located ventilation, **BRS** Airframe Emergency Parachute System (AEPS), Stick mounted electric stabilizer trim, Electric pre-selector flap control, Three-blade composite propeller, Electrically adjustable, leather covered sport seats, Spacious storage area behind the cockpit, Extra wide cabin doors with gas springs, one piece panoramic windshield, Two wing tanks with 34 gallons (130L) capacity and 1.5 gallon (6.8L) header tank, electric fuel level gauges, Single beam composite main landing gear with **MATCO** hydraulic disc brakes, Steerable nose wheel and Wheel pants.

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F2-CS Airframe Features – Rotax® 912iS Sport 100HP fuel injected engine • BRS-6 1350 parachute • Leather seats • Electronic pre-selector flap system • Dual main batteries, backup electrical buss, aux alternator • Whelen large landing light and wing tip mounted position/strobe lights • 3-Blade composite propeller • Electric pitch trim system • Gullwing doors w/gas struts • Oil and coolant thermostats • Stainless steel exhaust • Giant baggage area • Cockpit storage compartments • Hot water cabin heater and panel mounted fresh air vents • 406 ELT • Giant Wiess™ molded windshield • Direct steer nose wheel • MATCO brand wheels and hydraulic brake system • Durable Urethane paint. • Fire extinguisher & CO detector • FD Prop covers



Large gull-wing doors held up by gas struts make entering and taking your seat easy. Three-point latches and door seals keep you secure inside. Comfortable leather covered seats with Confor-foam padding offer incomparable comfort and easy adjustment in height and leg length. From these seats, the remarkable visibility of F2 will give you the feeling that you are in a helicopter with a sweeping view of the world. The well-engineered engine installation reduces airframe vibration and cabin noise.

Hard to find an airplane that fits you? Try the F2. We think you will be pleasantly surprised!





Flight Design general aviation has been in the vanguard of the avionics revolution in light aircraft. The F2 features advanced and easy-to-use avionics from Garmin including the G3X Touch screens for unmatched situational awareness, traffic warnings and integration of the Rotax[®] 912iS engine management system. The bright, high-definition G3X panel includes PFD, EMS and Map functions with a battery backup. The Garmin GTX 345 transponder in the F2 is compliant with the FAA's ADS-B 2020 "Out" requirements and also has the complete ADS-B "in" features like satellite-based weather, traffic and real-time TFR notices. Depending on your preferences, navigation is provided by the internal G3X system or optional Garmin GNC 255 Nav/Com. The Garmin GFC 507™ advanced 2-axis autopilot with Level Button rounds out this well-balanced avionic suite.

The F2-CS includes:

- Dual 10" Garmin G3X Touch (EFIS, EMS, NAV) with Synthetic vision, wireless connectivity
- AMSAFE panel mounted airbags and inertial-reel, automotive style harnesses
- Garmin GTX 345 2020 compliant GPS source ADS-B 'Out' ADS-B 'In' (Traffic, Weather, TFRs)
- Garmin GTR-225 Com, GMA 245 Audio panel, GFC 507 two-axis advanced autopilot W/level button
- Rotax[®] 912iS Fuel injected engine, Lithium-Iron Phosphate (LiFePO) main battery
- Whelen LED strobes, position and landing lights, stick mounted electric pitch trim
- BRS-6 1350 Airplane Emergency Parachute System (AEPS)
- Garmin G5 back up EFIS/ADAHR for ADAHRS redundancy

GARMIN[™]

WHELEN[®]
 ENGINEERING COMPANY, INC.

DEFINING AVIATION SAFETY
BRS
 AEROSPACE

AMSAFE[®]

* The F2 contains 45% parts made in the USA.



Flight Design general aviation is the 30-year-old manufacturer of light aircraft based near Eisenach, Germany. The company is a worldwide Light-Sport Aircraft market leader thanks to its popular CT series of aircraft. More than 1900 of these aircraft are flying in 39 countries. Flight Design currently boasts a fleet of more than 400 SLSA aircraft in North America. In 2017, the German company was acquired by LIFT Air whose headquarters are based at the Kindle airfield (EDGE) in Hørselberg-Hainich near Eisenach in the State of Thuringia, Germany.

Flight Design USA is the North and South American Regional Center for the Flight Design brand of light aircraft. Located in South Woodstock Connecticut, Flight Design USA manages the importation, parts, technical service and continuous operational safety program for Flight Design aircraft in the USA. Flight Design USA works with individual distributors in regions around the USA, Central and South America to provide better service to Flight Design customers.

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