



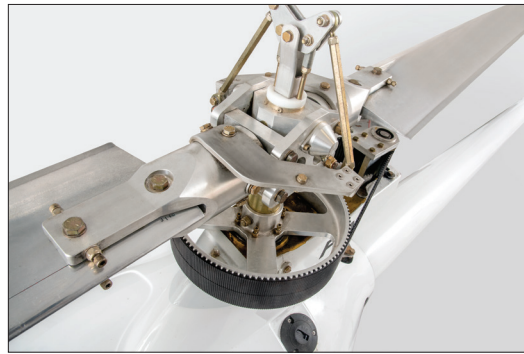
Up and Away.

XEL

The XEL qualifies as an ultralight aircraft in the United States under part 103 of the FAA regulation.* Equipped with floats, this aircraft weighs in at 312 pounds [142 Kg].

FEATURES

- Rotor Head Built for 4X Centripetal Load
- 100% Composite Airframe Construction
- Dual High Capacity Belt Final Drive
- Cable Braced Aluminum Skids
- 62 lb. Monocoque Fuselage
- E-Glass in Vinyl Ester Matrix
- +/- 6G Airframe Stress Test
- Cog Belt Gear Reduction
- Vacuum Formed Canopy
- Tail Rotor Driveshaft
- Fast Build Assists
- Easy Maintenance
- Abundant Spare Parts
- Forum Community Support
- Low Cost Operation per Hour
- Dedicated Customer Following
- TBO Cost ~ \$18 / Hr @500 Hours
- Exceptional Autorotation Performance
- Detailed Instructions / Manuals / Videos



**Hundreds Made.
Thousands of
Airtime Hours.**

STANDARD INSTRUMENTS

- Rotor / Engine RPM
- Air Speed Indicator
- 4 Channel Temperature Indicator
- Tiny Tach Hour Meter
- Standard Horizontal Wing and Floats

OPTIONS

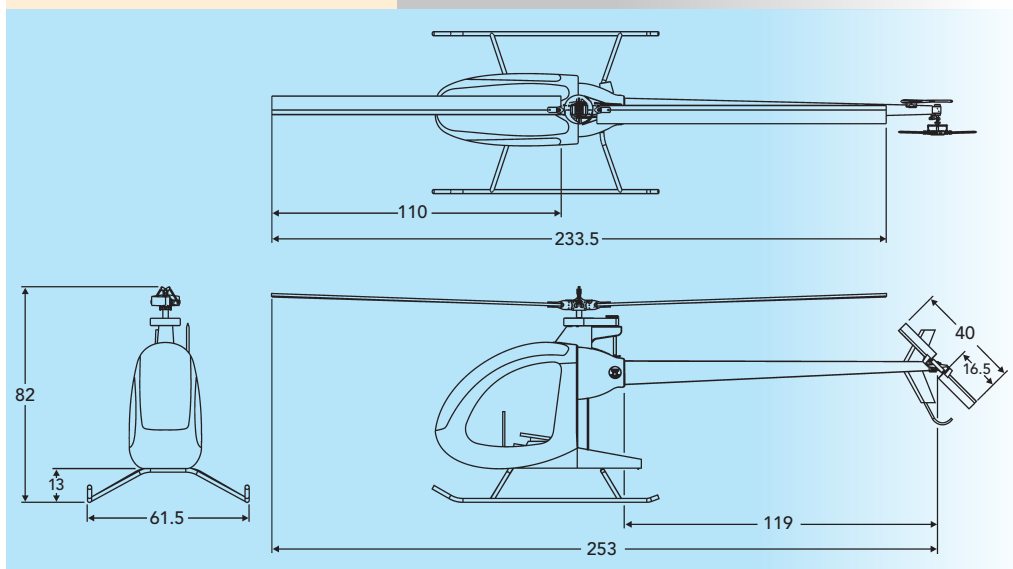
- Factory Assist
- Factory Build
- Factory Paint
- Gear Box Temp Monitoring
- Horizontal Wing w/ Winglets
- S - Cyclic
- Military Style Grip for Cyclic
- Custom Pitot Tube
- Ground Handling Wheel Kit
- Four Point Harness

FLOAT COLORS

- Red • Orange • Royal Blue
- Yellow • Black • Gray

**United States FAA Federal Aviation Regulations (FAR) Part 103 machine weight maximum is 254 lb + 60 lb floatation device allowance = 314 lb. Water landing and takeoff for this machine requires significant additional training. Floats must be installed to be considered Part 103 compliant. Floats are installed above the conventional landing gear.*

XEL		SPECIFICATIONS
Max Air Speed		70 MPH / 112 Kph
Cruise Speed		65 MPH / 104 Kph
Climb Rate Estimated		900 FPM / 275 MPM
Estimated Flight Duration		0.75 Hours
Fuel Capacity		5 Gal / 18 Liters
Estimated Fuel Burn / Hour		6 GPH / 23 lph
Empty Weight		312 lb / 142 Kg
Max Gross (240 lb Pilot)		610 lb / 275 Kg
Main Rotor @ 100%		540 RPM
Tail Rotor @ 100%		2500 RPM
HOGE		6000 ft / 1829 m
HIGE		8000 ft / 2438 m
MZ202		
Engine		55 Shaft HP / 41 Kw
		2 Cylinder / 2 Stroke
		Air Cooled / Carbureted
		93 Octane Pump Gasoline
		50:1 Mix



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