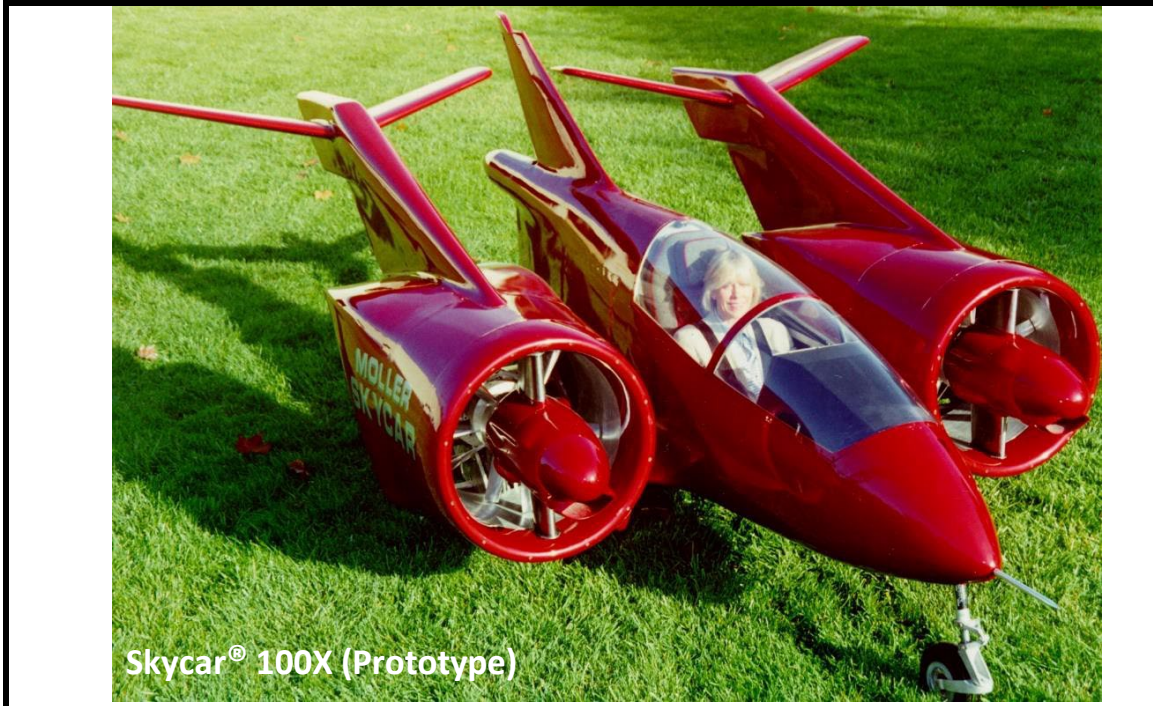


Skycar® 100 Specifications



Skycar® 100X (Prototype)

Vertical Takeoff and Landing (VTOL) Volantor*

Seating	1 Person
Dimensions (L x W x H)	15.5' x 17.2' x 6' (Width 9.5' folded)
Component Articulation Required	Nacelles rotate
Gross Weight	1000 lbs
Net Payload	275 lbs
Engine Power	150 hp (Flat rated to 12,500 ft.)
Electrical Motor Power	300 hp (Two-minute rating) 150 hp (continuous)
Transition to Aerodynamic Flight (w/electric)	< 6 seconds (reaches parachute deployable height)
Maximum Speed (Sea Level)	271 mph
Cruise Speed (25,000 ft.)	318 mph
Cruise Speed (Sea Level @ 65% power)	232 mph
Rate of climb (Sea Level with Engines only)	3,500 fpm
Range (Economic Cruise)	450 miles
Passenger Miles (Economic Cruise)	82 pmpg (carbon neutral methanol)

*Volantor (vo-lan'ter) n. A vertical takeoff and landing aircraft that is capable of flying in a quick, nimble and agile manner. -intr.& tr. v. -tored, -toring, -tors. To go or carry by volantor. [Fr. <Lant, volant, to move in a quick and agile manner <volare, to fly.]

The Skycar® 100 is designed to be registered under a proposed Powered lift sub-category of the FAA's Light Sport Aviation (LSA) category. This will allow it to be operated without the traditional pilot's license (ground school only). The Skycar® design incorporates multiple redundancies and safety features with a Flight Control System (FCS) that virtually eliminates the complexities of flying, ensuring that even a novice operator can maintain precise control over the aircraft.

Making New Concepts in Aviation a Reality™