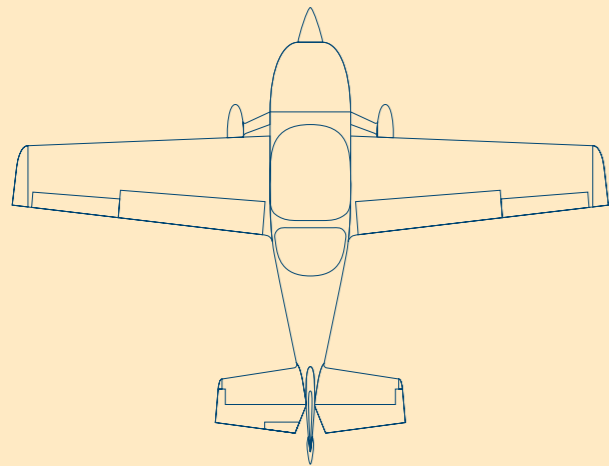
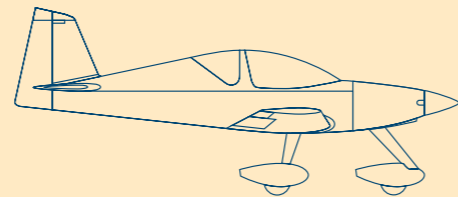
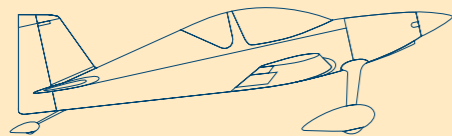
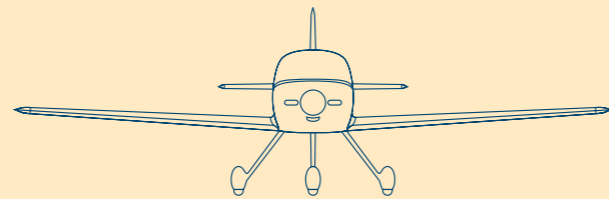
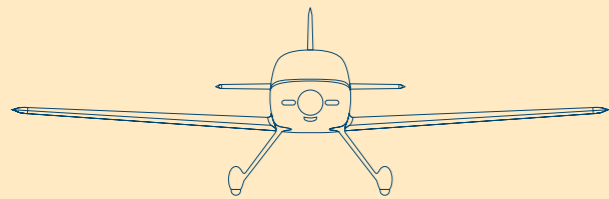
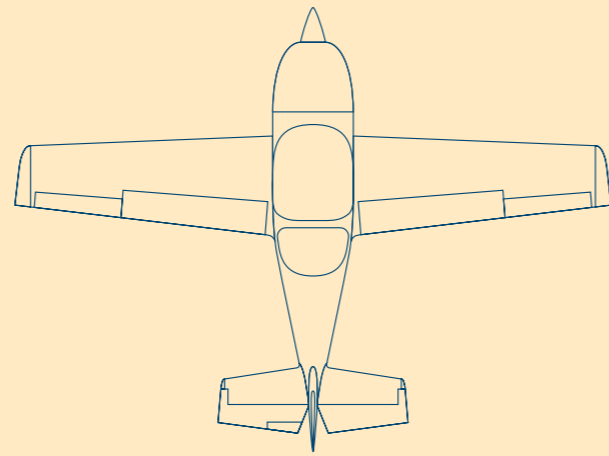


M1 SpeedCruiser Taildragger



M1 SpeedCruiser Tricycle



Join the **Next**
Dimension
of Experimental
Aircraft

M1

High Performance Aircraft
info@international-hpa.com
www.international-hpa.com

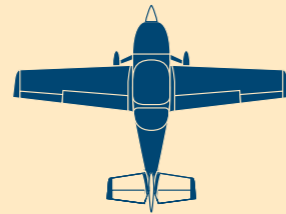


Introducing the M1



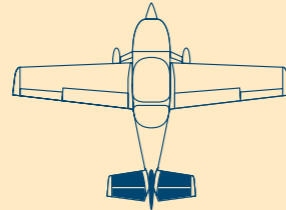
Quick Build Kit

Building Time: 1000 man-hours approx. (including the empennage) contains pre-assembled Fuselage, Wings and the Finish Kit



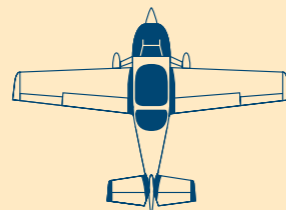
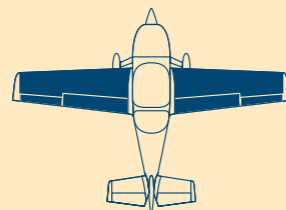
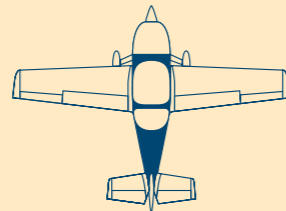
Pop-Rivet Kit

Building Time: 1600 man-hours approx. (including the empennage) contains pre-assembled Fuselage, Wings and the Finish Kit (fuel tank and main-wing-spar are completely assembled)



Unassembled Kit

Building Time: 2250 man-hours approx. including the empennage



Empennage Kit

(not included in the QB Kit) contains spars, ribs and skins to build fin, rudder and elevator including electr. trim servo

Fuselage Kit

with all the bulkheads, assembled firewall and skins

Wings Kit

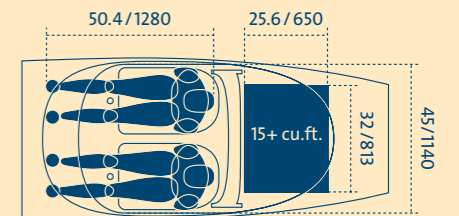
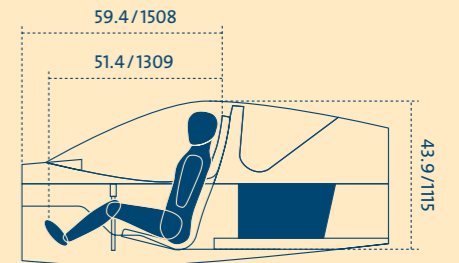
with all the ribs and skins, factory assembled main spars and fuel tanks

Finish Kit

with the fairings, cowling, sliding canopy, engine mount with landing gear and hardware

M1 SpeedCruiser Specifications

Top Speed	265 mph	426 km/h	230 kts
Cruise Speed @ 75% Power	240 mph	386 km/h	210 kts
Stall Speed	50 mph	80 km/h	43,5 kts
Range @ 55% Power	1265 mi	2035 km	1100 nm
Rate of Climb @ Sea Level	3500 fpm	17 m/s	
Take Off Run Distance	300 ft	100 m	
Ground Roll Distance	700 ft	220 m	
Power Range	150 – 330+ hp	110 – 242+ kW	
Fuel Capacity	60 US gals	227 l	
Empty Weight	1300 lbs	590 kg	
Gross Weight	2100 lbs	953 kg	
Length	21 ft	6,40 m	
Span	26.9 ft	8,20 m	
Wing Area	110 sq ft	10,25 m ²	
No. of Seats	2	2	
Cockpit Width (inside)	45"	1,14 m	
Engine used	Lycoming IO-540 (parallel valve type)		
Landing Gear	Taildragger or Tricycle		
Construction Materials	Metal structure and surface with various metal fairings		



Measures in ft/mm

M1

