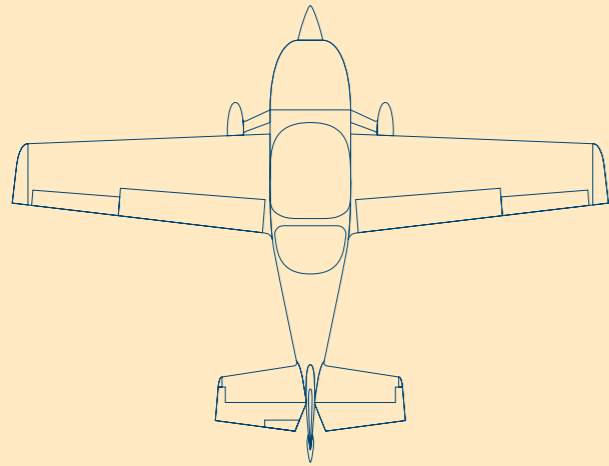
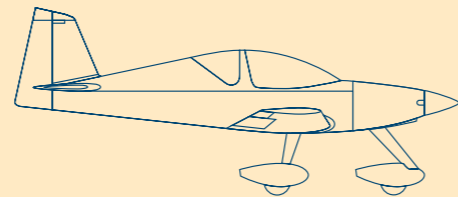
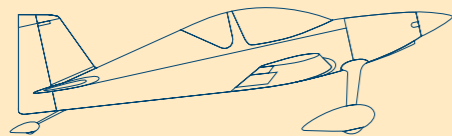
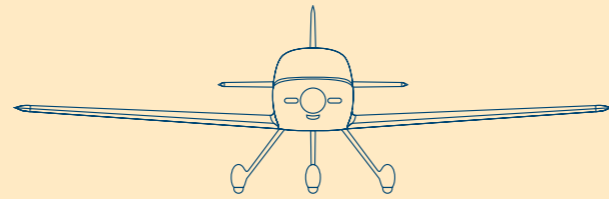
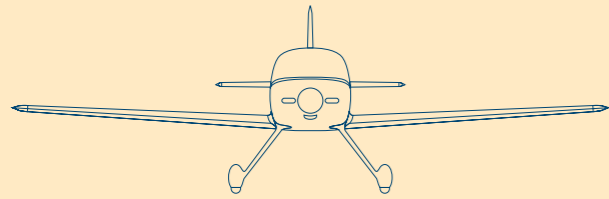
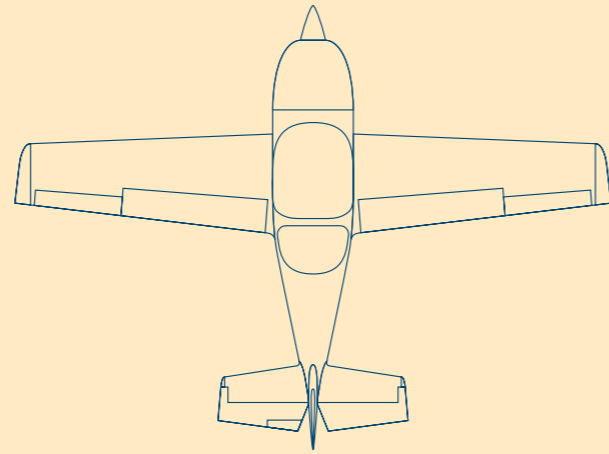


M1 SpeedCruiser Taildragger



M1 SpeedCruiser Tricycle



Join the **Next**  
**Dimension**  
of Experimental  
Aircraft

# M1

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



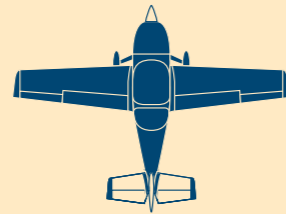
# Introducing the M1



# M1 SpeedCruiser Specifications

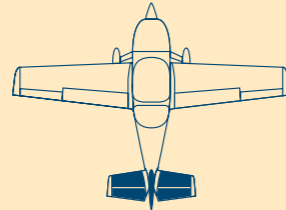
## Quick Build Kit

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



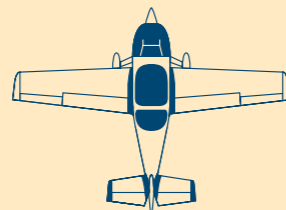
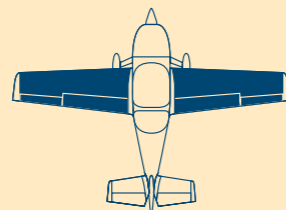
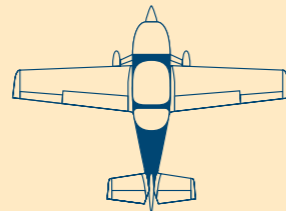
## Pop-Rivet Kit

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

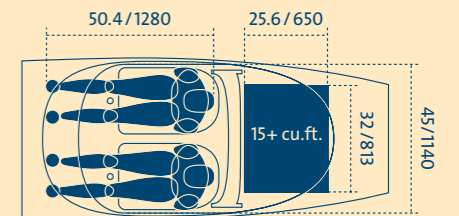
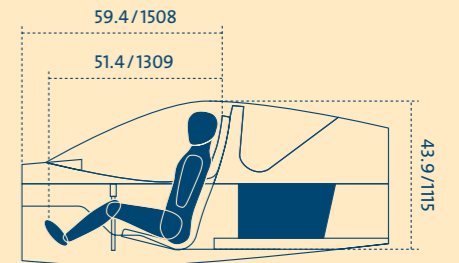
## Wings Kit

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

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 <sup>2</sup>	
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

