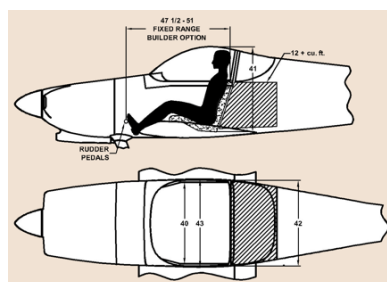


RV-7 Specifications

Category: Uncategorized

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Hits: 9130



Specifications	
Wingspan	25' 0" - 7,62m
Length	20' 4" - 6,2m
Height	5' 10" - 1,78m
Wing Area	120 sq ft
Engine	Superior XP-IO-360
Gross Weight	1800 lb
Aerobatic Gross Weight	1600 lb
Wing Loading	11.7 (15.0)
Solo (Gross)	lb/sq. ft.
Power Loading	7.0 (9.0) lb/hp
Solo (Gross)	
Empty Weight	1114 lb
Propeller	3-Bladed Constant Speed
Fuel Capacity	42 gal
Baggage	100 lb
Performance	
Horse Power	180 hp

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Top Speed [gross weight]	216 mph
Cruise [gross, 75% @ 8000 ft]	206 mph
Cruise [gross, 55% @ 8000 ft]	186 mph
Stall Speed [gross]	58 mph
Takeoff Distance Solo (Gross)	250 ft (500 ft)
Landing Distance Solo (Gross)	350 ft (500 ft)
Rate of Climb Solo (Gross)	2550 fpm (1900 fpm)
Ceiling Solo (Gross)	25,500 ft (22,500 ft)
Range [75% 8000 ft]	785 sm - 1263 km
Range [55% 8000 ft]	870 sm - 1400 km
Airspeeds	
VSO	58 mph - 93 km/h
VS1	64 mph - 103 km/h
VFE	100 mph - 161 km/h
VNO	193 mph - 311 km/h

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VNE	230 mph - 370 km/h
VA	134 mph - 216 km/h

Some interesting links related to the Vans Aircraft Building.

[Take a sneak view at Vans Aircraft factory.](#)

[Look here how a propellor is made at Hartzell.](#)

