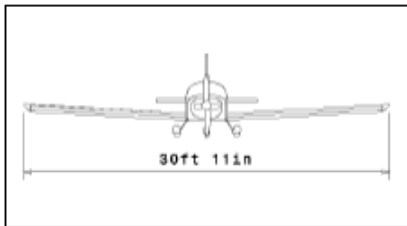
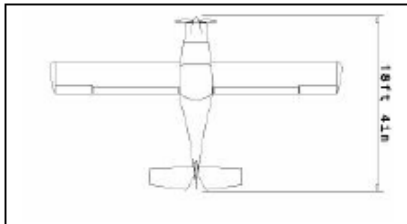
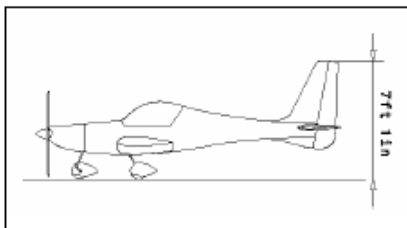


QUASAR AIRCRAFT COMPANY, LLC

Aircraft Specifications

<i>Basic Dimensions and Areas</i>		
Wing span	30.35 ft	9.25 m
Length overall	18.37 ft	5.60 m
Height overall	7.15 ft	2.18 m
Cabin max width (interior)	3.48 ft	1.06 m
Wing area	99.03 sq.ft	9.2 m ²

<i>Weights and Loadings</i>		
Max T-O weight	1,300 lb	589 kg
Max fuel weight	124 lb	56.25 kg
Empty weight	445 lb	201 kg
Baggage weight	33 lb	15 kg
Wing load	13.1 lb/sq.ft	58 kg/m ²



<i>Performance (ISA condition)</i>		
Stalling speed (no flaps)	54 mph	86 km/h
Stalling speed (flap)	45 mph	72 km/h
Cruising speed at 75% power	130 mph	210 km/h
Maneuvering speed	114 mph	184 km/h
Never-exceed speed	168 mph	270 km/h
Max rate of climb	850 ft/min	4.32 m/s
Max rate of climb (Gross weight)	550 ft/min	2.79 m/s
Range	1,060 miles	1,708 km
Hours Endurance	10 h	
Best glide ratio	15:1	
Service ceiling	15,000 ft	4,572 m
Fuel consumption	1.8~2.5 gal/h	6~9.6 l/h

<i>Powerplant (HKS - 700E)</i>		
Max power (6,200 rpm - 5 min)	60 hp	45 kw
Max continuous power (5800 rpm)	56 hp	41 kw
Max. Engine Displacement	680 cc	

The Quasar Aircraft Company, LLC

* All the values may vary some by the manufacturer.

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