

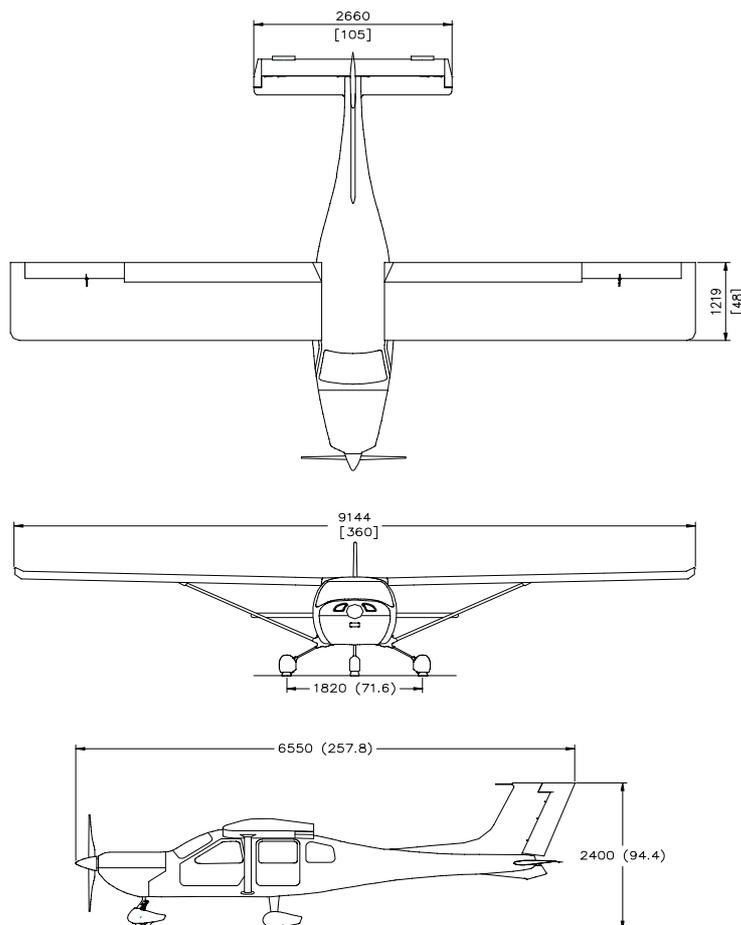


JABIRU J450A

SPECIFICATION



Engine	Jabiru 3300cc 120hp 6 cylinder, 4 stroke
Propeller	2 Blade Fixed Pitch Wooden/Composite 60" dia x 53" pitch
Height	2400mm (24.4")
Length	6550mm (257.8")
Width Tailplane	2660mm (104.7")
Cabin Width	1120mm (44.09")
Height	1090mm (42.9")
Wing Span	9144mm (360")
Wing Area	11.15sqm 120sq.ft)
Wing Loading Gross	10.26 lbs/sq.ft
Aspect Ratio	8.0
<u>Speeds</u>	
Va (Max. Maneuver)	115 kts (132 mph)
Max Cruise	115 kts (132 mph)
Max. Straight & Level	125 kts (144 mph)
<u>Stall Speeds At Gross Weight</u>	
Vso (full flap)	39 kts (45 mph)
Vs1 (clean)	44 kts (51 mph)
Climb Rate (at sea level)	1500 ft/min
Service Ceiling	15,000 ft
Empty Weight	340 kg (748 lbs)
Gross Weight	700 kg (1540 lbs)
Useable Load	360 kg (792 lbs)
<u>Structural Loading</u>	
Flight Load Factor	+ 3.8 – 1.9 G
Applied Lods	+6.8G -3.4G
	54degC (129.2degF)
Fuel Capacity	135 lts (36 USgal)
Range (Nil Reserve)	690nm
Endurance (Nil Reserve)	6.0 hrs
Fuel Consumption at Cruise	23 lts/hr (6 USgal)
Take Off Distance –	
Groundroll	100m (320 ft)
Landing Distance –	
Groundroll	200m (640 ft)
Glide Ratio	12:1
Crosswind Component	14 kts



J450A is the designation for an aircraft which is not constrained by the J200B definition and has a MTOW of 700kg (1540lbs).