



JABIRU J200 / J400



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	9582mm (377")
Wing Area	9.48sqm 103sq.ft
Wing Loading Gross (544kg)	11.7 lbs/sq.ft
Wing Loading Gross (700kg)	15 lbs/sq.ft
Aspect Ratio	9.7

Speeds

Va (Max. Maneuver)	115 kts (132 mph)
Max Cruise	120 kts (138 mph)
Max. Straight & Level	138 kts (159 mph)

Stall Speeds At 544KG

Vso (full flap)	45 kts (45 mph)
Vs1 (clean)	60 kts (69 mph)
Climb Rate (at sea level)	1000 ft/min

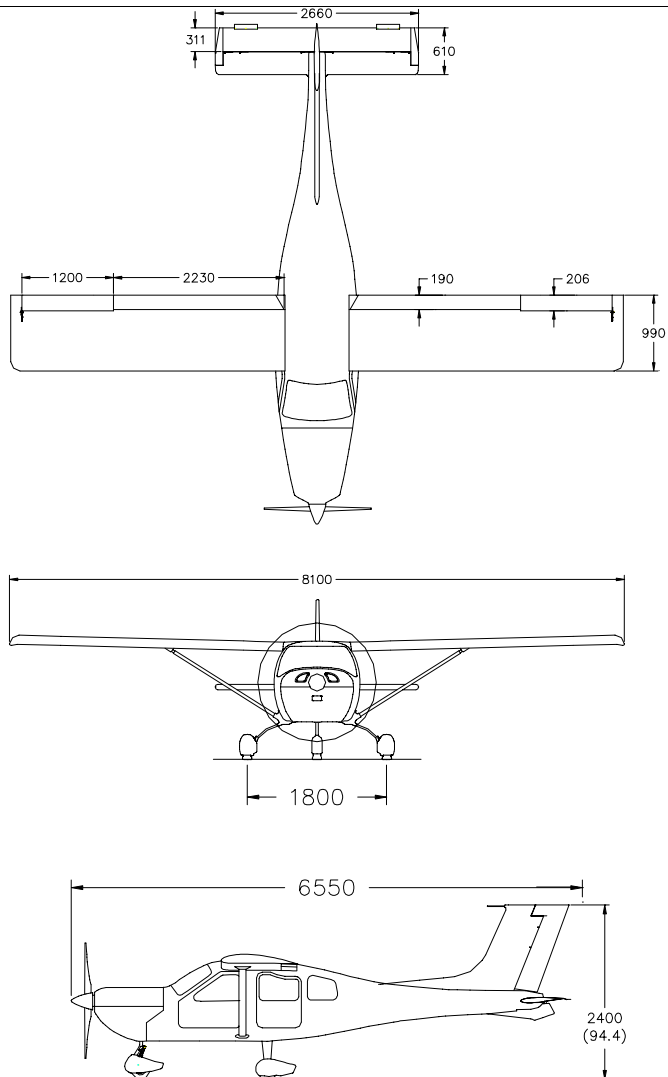
Stall Speeds At 700KG

Vso (full flap)	48 kts (55 mph)
Vs1 (clean)	50 kts (57 mph)
Climb Rate (at sea level)	700 ft/min

Service Ceiling	15,000 ft
Empty Weight	330 kg (726 lbs)
Gross Weight	544 kg (1197 lbs)
Useable Load	182 kg (400 lbs)
Gross Weight	700 kg (1540 lbs)
Useable Load	370 kg (814 lbs)

Structural Loading

Flight Load Factor	+ 3.8 - 1.9 G
Applied Loads	+6.8G -3.4G
54degC (129.2degF)	
Fuel Capacity (Usable)	135 lts (35.6 USgal)
Range (Nil Reserve)	800nm
Endurance (Nil Reserve)	6.7 hrs
Fuel Consumption at Cruise	20 lts/hr (6 USgal)
Glide Ratio	12:1
Crosswind Component	14 kts



Take Off Distance – @ 544kg (Ground-roll)	200m (656 ft)
Landing Distance – @ 544kg (Ground-roll)	200m (656 ft)
Take Off Distance – @ 700kg (Ground-roll)	300m (984 ft)
Landing Distance – @ 700kg (Ground-roll)	250m (820 ft)