

# Jabiru Performance Measurements & Specifications

## Performance Measurements

	<i><b>Jabiru 230-D</b></i>	<i><b>Jabiru J170</b></i>
Maximum Speed	130 knots	115 knots
Cruise Speed Vh	120 knots	100 knots
Vne	138 knots	132 knots
Stall (Full Flap)	39 knots	38 knots
Stall Clean	45 knots	45 knots
Glide Ratio	12:1	12:1
Take Off Roll	700 ft	459 ft
Landing Roll (with brakes)	640 ft	492 ft
Climb Rate (at gross)	700 ft/min	700 ft / min
Service Ceiling	15,000 ft	15,000 ft
Maneuvering Speed	91 knots	94 knots
Climb Solo	1200 ft/min	900 ft/min
Take Off Dist Solo	325 ft	350 ft
Cross Wind Component	15 knots	15 knots
Max Structural Cruising Speed Vno	110 knots	110 knots
Max Straight & Level	120 knots	115 knots

## Specifications

	<i><b>Jabiru 230-D</b></i>	<i><b>Jabiru J170</b></i>
Engine	Jabiru 3300 120 hp 6 cylinder, 4 stroke	Jabiru 2200cc 80 hp 4 cylinder, 4 stroke
Propeller	Jabiru Composite	Wooden/Composite
Height	7'10"	7'6"
Length	21'2"	19'
Width (tailplane)	7'10"	8'9"
Cabin Width		
-Hip	44"	44"
-Elbow	44.9"	45"
-Shoulder	43.4"	43.5"
Wing Span	32'5"	31'8"
Wing Chord	39"	39"
Wing Area	105 sq. ft	103 sq. ft
Wing Loading @ Gross	12.5 lbs/sq.ft	12.8 lbs/sq.ft
Aspect Ratio	9.5:1	9.6:1
Structural Loading	+4.0G -2.0G	+4.0 -2.0
Fuel Capacity	35 gallons	35 gal
Fuel Consumption @ Cruise	5.0 gallons/hour	4 gal/hr
Range	800 nm	850 nm
Endurance	6.5 hours with reserve	8.5 hrs
Empty Weight	800 lbs	690 lbs
Gross Weight	1320 lbs	1320 lbs
Useable Load	520 lbs	630 lbs