



AIRCRAFT DATA

JABIRU LSA55/3J certified under CAO 101.55

Specifications:

Engine:	Jabiru 2200J Solid Valve Lifter Air cooled
Fuel Consumption:	12 Litres/hour (cruise)
Fuel Spec:	AVGAS 100LL, AVGAS 100/130 or Premium unleaded (95 octane or higher)
Propeller:	Jabiru, 2 blade, fixed pitch, wood

Dimensions:

Length:	5,040 mm
Height:	2,013 mm
Wingspan:	8,034 mm

Weight & Quantities:

Empty Weight:	258 kg
MTOW:	450 kg
Useful Load (crew & fuel):	192 kg
Usable Fuel:	64.5 Litres

Flight Performance:

Never Exceed V_{NE} :	116 KTS (red line)	Service Ceiling:	10,000 ft
Maximum Speed V_{NO} :	91 KTS (yellow arc 91-116)	Takeoff and Landing Dist:	412m (590 ft)
Manoeuvring V_A :	91 KTS (green arc 54-91)	(Distance to increase by 115 m for each 1,000ft of pressure altitude)	
Max Flap Ext: V_{FE} :	70 KTS (white arc 40-70)		
Stall without flap:	47 KTS		
Stall with stage 1 flap:	45 KTS	Max Crosswind:	14 kts
Stall with stage 2 flap:	41 KTS		
Best climb rate:	72 kts	Take off and Climb out:	3000 rpm
Best climb angle:	68 kts	Cruise:	2600 - 2800 rpm
Best glide rate:	70 kts		
Approach Speed:	70 kts		
Approach 1 stage flap:	65-70 kts		
Approach 2 stage flap :	55-57 kts		

Cruise Temperatures (ideal):

Oil Temperature: 50° - 118°	Maximum outside temp:	38°C
Cylinder Head Temperature (CHT): 100°-200°		
Min Oil Pressure: in cruise: 220 kpa : in descent MIN: 80 kpa)		

Flight performances under ISA conditions, calculated for Jabiru 2200 engine version.
All information can be changed without notice and as Pilot In Command it is your responsibility to be aware of all operational data for your aircraft and refer to the Pilot Operators Handbook

Tyre Inflation:

Main wheels:	24 psi (168 kpa)	Nose wheel:	18-20 psi
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DO NOT apply full power until CHT reaches 100°C (212°F)
DO NOT allow cylinder heads to rise above 150°C during ground running.