

• JABIRU SK, SP4 & SP6 SPECIFICATION

Aircraft Type	Jabiru SK 4cyl	Jabiru SP4cyl & SP 4cyl -T	Jabiru SP6cyl & SP6cyl-T
Engine	Jabiru 2200cc 80 hp 4 cylinder, 4 stroke	Jabiru 2200cc 80 hp 4 cylinder, 4 stroke	Jabiru 3300cc 120hp 6 cylinder, 4 stroke
Propeller	2 Blade Fixed Pitch Wooden/Composite 60" dia x 42" pitch	2 Blade Fixed Pitch Wooden/Composite 60" dia x 42" pitch	2 Blade Fixed Pitch Wooden/Composite 60" dia x 45" pitch
Height – Tricycle	2013mm (6'7")	2013mm (6'7")	2013mm (6'7")
Height – Tail-dragger	-----	1600mm (5'2")	1600mm (5'2")
Length	5040mm (16'6")	5640mm (18'6")	5770mm (18'11")
Width Tailplane	2350mm (7'8")	2350mm (7'8")	2350mm (7'8")
Cabin Width			
Hip	965mm (38")	965mm (38")	965mm (38")
Elbow	1041mm (41")	1041mm (41")	1041mm (41")
Shoulder	1067mm (42")	1067mm (42")	1067mm (42")
Wing Span	8034mm (26'4")	8034mm (26'4")	8034mm (26'4")
Wing Chord	990.6mm	990.6mm	990.6mm
Wing Area	7.90 sq.m (85 sq.ft)	7.90 sq.m (85 sq.ft)	7.90 sq.m (85 sq.ft)
Wing Loading:- Gross	11.64 lbs/sq.ft	12.16 lbs/sq.ft	12.94 lbs/sq.ft
Aspect Ratio	8.10	8.10	8.10
Speeds			
Vne (never exceed)	116 kts (133 mph)	116 kts (133 mph)	132kts (151 mph)
Va (Max.Manoeuvre)	90 kts (104 mph)	90 kts (104 mph)	90 kts (104 mph)
Cruise	99 kts (114 mph)	105 kts (120 mph)	120 kts (138 mph)
Max. Straight & Level	115 kts () mph	115 kts () mph	132 kts (152 mph)
Stall Speeds at Gross Weight			
Vs (full flap)	40 kts (46 mph)	40 kts (46 mph)	41 kts (47 mph)
Vso (clean)	45 kts (52 mph)	45 kts (52 mph)	46 kts (53 mph)
Climb Rate (at sea level)	1000 ft/min	1000 ft/min	2000 ft/min
Service Ceiling	15,000 ft	15,000 ft	15,000 ft
Empty Weight	240 kg (528 lbs)	250 kg (550 lbs)	275 kg (605 lbs)
Gross Weight	430 kg (946 lbs)	470 kg (1034 lbs)	500 kg (1100 lbs)
Useable Load	190 kg (418 lbs)	220 kg (484 lbs)	225 kg (495 lbs)
Structural Loading			
Flight Load Factor	+ 3.8 – 1.9 G	+ 3.8 – 1.9 G	+ 3.8 – 1.9 G
Structure Tested	+ 8.55 – 3.4 G	+ 8.55 – 3.4 G	+ 8.0 – 3.4 G
Fuel Capacity	65 lts (14.3 gals)	65 lts (14.3 gals)	85 lts (22.1 gals)
Range	430 nm (495 sm)	430 nm (495 sm)	410 nm (470 sm)
Endurance	4.3 hrs	4.3 hrs	4.4 hrs
Fuel Consumption at Cruise	15 lts/hr (3.5 gals/hr)	15 lts/hr (3.5 gals/hr)	19 lts/hr
Take Off Distance - Groundroll	200m (650 ft)	200m (650 ft)	150m (485 ft)
Landing Distance - Groundroll	168m (546 ft)	168m (546 ft)	168m (546 ft)
Glide Ratio	12:1	12:1	12:1
Crosswind Component	14 kts	14 kts	14 kts