

TECNAM P92-JS Model Guide

The TECNAM P92-JS is a two-seat, single-engine light aircraft with a strut-braced rectangular high wing, fixed main landing gear and a steerable nosewheel. It is built by Costruzioni Aeronautiche Tecnam and certified by EASA under JAR-VLA. It is powered by a Rotax 912 S2 engine.

KEY TAKEAWAYS

- Two seats, strut-braced high wing, fixed gear; EASA type certificate A.412 (SO/A-340), certified to JAR-VLA.
- Rotax 912 S2 engine: 98.6 hp for 5 minutes maximum, 92.5 hp continuous, with a fixed-pitch wooden Hoffmann propeller.
- The manual lists two weight options, 550 kg and 600 kg MTOW. Confirm which one a given aircraft is approved for.
- Standard tanks hold 70 liters (66.8 usable); optional 90-liter tanks give 86.8 usable.

WEIGHTS AND LOADING

The flight manual gives two maximum takeoff weights, 550 kg and 600 kg. Standard empty weight is 325 kg, so useful load is 225 kg or 275 kg respectively. Maximum baggage is 20 kg. Wing loading is 45.8 or 50 kg/m2, and power loading is 5.6 or 6.1 kg/hp.

ENGINE, PROPELLER AND FUEL

The Rotax 912 S2 is a 4-cylinder, 1352 cc engine with liquid-cooled heads and air-cooled cylinders, twin carburetors and a reduction gear. It takes EN 228 Premium or Premium plus, or AVGAS 100LL. Oil capacity is 3.0 liters and coolant is 3 liters. The propeller is a 2-blade fixed-pitch wooden Hoffmann, 1740 mm in diameter.

SIZE AND HANDLING DATA

Wing span is 8.7 m, wing area 12 m2, overall length 6.4 m and height 2.5 m. Wheel track is 1.8 m and minimum ground steering radius is 5.5 m. Propeller ground clearance is 320 mm. Flaps travel from 0° to 38°. The manual lists a Cleveland wheel and brake kit with 5.00-5 main tires.

SPECIFICATIONS

Engine Power Max Hp	98.6
Engine Power Continuous Hp	92.5
Engine Displacement Cc	1352
Wing Span M	8.7
Wing Area M2	12
Length M	6.4
Height M	2.5
Fuel Total Capacity Liters	70

WEIGHT & BALANCE

Max Takeoff Weight Option A Kg	550
Max Takeoff Weight Option B Kg	600
Standard Empty Weight Kg	325
Max Useful Load Option A Kg	225
Max Useful Load Option B Kg	275
Max Baggage Weight Kg	20

SAFETY NOTES

- Maximum power of 98.6 hp is limited to 5 minutes; continuous power is 92.5 hp.
- The propeller diameter is 1740 mm and no reduction is permitted.
- The flight manual must always be on board, and the aircraft must be operated within its limitations.