

General Description

All information herein applies to the Skyhawk SP (Model 172S).

The Skyhawk SP aircraft is an all-metal, single-engine piston, high-wing monoplane with a four-person seating capacity including a crew of one or two. Suitable allowance for luggage is provided.

The Model 172S is certified to the requirements of U.S. FAA Federal Aviation Regulation Part 23 including day, night, VFR and IFR.

Approximate Dimensions

Overall Height (max)	8'11"	(2.72 m)
Overall Length	27'2"	(8.28 m)
Wing		
Span (overall)	36'1"	(11.00 m)
Area	174 sq ft	(16.2 sq m)
Cabin		
Height (max)	48"	(1.22 m)
Length (firewall to aft baggage area)	142"	(3.61 m)
Width	39.5"	(1.00 m)
Cabin Door		
Height (front)	40.5"	(1.03 m)
Height (rear)	39"	(0.99 m)
Width (top)	32.5"	(0.83 m)
Width (bottom)	37"	(0.94 m)
Baggage Door		
Height (front)	22"	(0.56 m)
Height (rear)	21"	(0.53 m)
Width	15.25"	(0.39 m)

Design Weights and Capacities

Maximum Ramp Weight		
Normal category	2,558 lbs	(1,160 kg)
Utility category	2,208 lbs	(1,002 kg)
Maximum Takeoff Weight		
Normal category	2,550 lbs	(1,157 kg)
Utility category	2,200 lbs	(998 kg)
Maximum Landing Weight		
Normal category	2,550 lbs	(1,157 kg)
Utility category	2,200 lbs	(998 kg)
Standard Empty Weight	1,642 lbs	(745 kg)
Maximum Useful Load		
Normal category	916 lbs	(415 kg)
Utility category	566 lbs	(257 kg)
Baggage Allowance	120 lbs	(54 kg)
Fuel Capacity		
Total capacity	56.0 gal	(212 liters)
Total usable	53.0 gal	(200.6 liters)
Total capacity each tank	28.0 gal	(106.0 liters)
Oil Capacity	8 qts	(7.6 liters)

Notes:

1. Standard empty weight based upon:

- 0.6 mil primer on all details, 0.6 mil primer on all exterior surfaces and 2.0 mil paint on all exterior surfaces.
- standard avionics package.
- wheel fairings.