

SPECS

Pitts S-2C

Engine	Lycoming AEIO-540, 260 HP
Propeller	The Claw by Hartzell® 76: Composite Constant Speed
Length	17 feet 9 inches
Height	6 feet 5 inches
Wing Span	20 feet
Wing Area	127.5 square feet
Wing Loading	13.3 lb/sqft (normal)/12.7 lb/sqft (aerobatic)
Power Loading	6.59 lb/hp (normal)/6.25 lb/hp (aerobatic)
Seats	2 tandem
Cabin Length	6 feet 11 inches
Cabin Width	28 inches
Cabin Height	47 inches
Empty Weight	1,155 pounds
Maximum Gross Weight	1700 pounds
Useful Load	545 lb (normal)/470 lb (aerobatic)
Payload w/Full Fuel	371 pounds
Fuel Capacity w/5 Gallon Wing Tank	29 U.S. gallons (28 gallons usable)

PERFORMANCE

Pitts S-2C

Aerobatic Flight Load Limits	+6 G/-5 G
Takeoff Distance Ground Roll	554 feet
Takeoff Distance Over 50 ft Obstacle	860 feet
Max Demonstrated Crosswind Component	17 kt
Rate of Climb, Sea Level, Minimum Weight	2,900 fpm
Maximum Level Speed, Sea Level	169 kt
Cruise Speed w/30 min rsv. at 75% Power	150 KTAS/1.6 hours
Range w/30 min rsv. at 75% Power	284 st. miles
Fuel Consumption at 75% Power	84 pph/14 gph
Best Economy	6,000 feet
Landing Distance over 50 ft Obstacle	1,200 feet
Landing Distance, Ground Roll	750 Feet
VY (Best Rate of Climb)	KIAS 82
VA (Design Maneuvering)	KIAS 134
VNO (Max Structural Cruising)	KIAS 134
VNE (Never Exceed)	KIAS 185
VSI (Stall, Clean)	KIAS 56