

STEEN SKYBOLT: SPEC / 3-VIEWS PHOTOS HISTORY STEENSHIP



Skybolt

Specifications / 3-Views

Skybolt Standard Specifications

SKYBOLT S (STANDARD) SPECIFICATIONS			
		Skybolt S (Standard)	Notes
BASIC DIMENSIONS			
Length	ft	19	
Height	ft	7	
Wing Span (Upper)	ft	24	
		clip wing	22
Wing Span (Lower)	ft	23	
		clip wing	21.33
PAYLOAD AND ACCOMODATIONS			
Seats		2	
Fuel Capacity	US gal	29 (+9 optional)	
Baggage Capacity	lb	25	

DETAILS

Upper Wing Airfoil NACA 63₂A015

Lower Wing Airfoil NACA 0012

Upper Wing Sweep *degrees* 6.5

Total Wing Area *sq ft* 153

WEIGHT

Empty Weight *lb* 980 – 1280 *Depends upon configuration*

Acro Weight *lb* 1650

Gross Weight *lb* 1800

Design Load Factor *g* +6/-4.5

Ultimate Load Factor *g* +9/-6

Wing Loading *lb/sq ft* 10.78 (@ 1650 lb)
(@ Acro Weight)

Wing Loading *lb/sq ft* 11.76 (@ 1800 lb)
(@ Gross Weight)

POWER

Power Requirements *hp* 180-350

Engine (Typical) Lycoming IO-360/IO-540

Power Loading *lb/hp* 10.00 (180hp)
(@ Gross Weight) 6.92 (260hp)
6.00 (300hp)

Power Loading *lb/hp* 9.17 (180hp)
(@ Acro Weight) 6.35 (260hp)
5.50 (300hp)

FLIGHT PERFORMANCE

Stall Speed (@ Gross Weight) *TAS/mph* 55-60

Cruise Speed (75% power) *TAS/mph* 150-180 *Depends upon configuration*

Max Speed (Level Flight) *TAS/mph* 190 *Depends upon configuration*

Never-Exceed Speed (V_{ne}) *TAS/mph* 225

Rate of Climb (Initial) *ft/min* 3500 (325hp) *Depends upon configuration*

MISCELLANEOUS

Plans Price *US Dollars* **\$165** *Plus shipping and handling*
Purchase Plans Online!

Component Availability Extensive

Skybolt Standard 3-View Drawings

Skybolt S Standard

– Front

– Side

[– Top](#)

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Skybolt Delta Specifications

Skybolt Radial Specifications