

S-6S

SPECIFICATIONS

80HP/100HP

Wing Span30ft 4 in
Area136.35 sq ft
Mean Chord4 ft 6 in
Aspect..... 6.73
Length.....20 ft 9 in
Height*7 ft 8 in
Cockpit Width45 in
Headroom.....39 in
Legroom41 in
Number of Seats..... 2
Doors 2
Landing Gear**F/TD/TR
Baggage Volume6 cu ft
Baggage Capacity50 lbs
Aux. Baggage Volume***7 cu ft
Aux. Baggage Capacity30 lbs
Fuel Capacity.....18 gal US

POWER PLANT

912UL/912ULS

Engine Rotax 912 UL/912 ULS
Output 80 hp/100 hp
Oil Capacity3.0 qts
Coolant Capacity4.4 qts
Propeller type**** Wood
Gear Reduction 1:2.27/1:2.43
Fuel G.P.H.4.5 /5 gal@75%

PERFORMANCE

Take Off Roll..... 220ft/210ft
Rate of Climb..... 950 fpm/1250fpm
Service Ceiling..... 14,000ft/16,000ft
Cruise 110 mph/115 mph
VNE 130 mph
Stall Clean 41 mph
Stall Flaps 36 mph
Roll Rate 80° / sec
Glide Ratio 9:1
Landing Roll..... 260 ft
Endurance 3.5 hrs/3 hrs
Range 385 miles/345 miles

WEIGHTS AND LOADINGS

Gross Weight.....1320 lbs
Empty Weight675 lbs
Useful Load645 lbs
Wing Loading.....9.59 lbs
Power Loading.....16.50/13.20 lbs
Limit Load Factors +4-2

* Trike height is shown, Taildraggers are 6 ft.

**F/TD/TR=Fixed Taildragger/ Trike

***Baggage Compartment optional

****Optional Props available

Performance at sea level and maximum gross weight.