

<b>S-6S</b>	
<b>SPECIFICATIONS</b>	<b>80HP/100HP</b>
Wing Span	30 ft 4 in
Area	136.35 sq ft
Mean Chord	4 ft 6 in
Aspect	6.73
Length	20 ft 9 in
Height*	7 ft 8 in
Cockpit Width	45 in
Headroom	39 in
Legroom	41 in
Number of Seats	2
Doors	2
Landing Gear**	F/TD/TR
Baggage Volume	6 cubic ft
Baggage Capacity	50 lbd
Aux. Baggage Volume ***	7 cubic ft
Aux. Baggage Capacity	30 lbs
Fuel Capacity	18 gal US
<b>POWER PLANT</b>	<b>912 UL/912ULS</b>
Engine	Rotax 912 UL/912 ULS
Output	80 ph/100 hp
Oil Capacity	3.0 qts
Coolant Capacity	4.4 qts
Propeller Type****	Wood
Gear Reduction	1:2.27/1:2.43
Fuel G.P.H @ 75%	54.5/5 gal @ 75%
<b>PERFORMANCE</b>	
Take Off Roll	220 ft/210 ft
Rate of Climb	950 fpm/1250 fpm
Service Ceiling	14,000 ft/ 16,000 ft
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	3.6 hrs/3 hrs
Range	385 miles/345 miles
<b>WEIGHTS AND LOADING</b>	
Gross Weight	1320 lbs
Empty Weight	675 lbs
Useful Load	645 lbs
Wing Loading	9.59 lbs
Power Loading	16.50/13.20 lbs
Limit Load Factors	+ 4 - 2

\*Trike height is shown, Taildraggers are 6ft

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

\*\*\* Baggage Compartment Optional

\*\*\*\* Optional Props available

Performance at sea level and maximum gross weight