

S-20 (LS)

SPECIFICATIONS

Wing Span	30 ft 3 in
Area	152.7 sq ft
Mean Chord	5 ft
Aspect	6.0:1
Length	21 ft
Height*	7 ft 11 in
Cockpit Width	46 in
Headroom	40 in
Legroom	39-46 in
Number of Seats	2
Doors	2
Landing Gear**	F/TD/TR
Baggage Volume	21.2 cubic ft
Baggage Capacity	80 lbs
Fuel Capacity	26 gal US

POWER PLANT

Engine	Rotax	912ULS
Output		100 hp
Oil Capacity		3 qts
Coolant Capacity		4.4 qts
Propeller Diameter		70
Propeller Type		Ground Adjustable
Gear Reduction		1:2.43
Fuel G.P.H. @ 75%		5.0

PERFORMANCE

Take Off Roll	300 ft
Rate of Climb	900 fpm
Service Ceiling	14,500 ft
Cruise	112 mph
VNE	130 mph
Stall Clean	39 mph
Stall Flaps	33 mph
Roll Rate	80 deg/sec
Glide Ratio	9.4:1
Landing Roll	340 ft
Endurance	5.2 hrs
Range	582 miles

WEIGHTS AND LOADINGS

Gross Weight	1320 lbs
Empty Weight	740 lbs
Useful Load	580 lbs
Wing Loading	8.64 lbs
Power Loading	13.2 lbs
Limit Load Factors	+4-2

*Trike height is shown, Taildraggers are 6 ft 7 in

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