

S-19 (LS)

SPECIFICATIONS

Wing Span	28 ft
Area	126.9 sq ft
Mean Chord	4 ft 7 in
Aspect	6.18
Length	238.75 in
Height	95.5 in
Cockpit Width	43.5 in
Headroom	39-40 in
Legroom	45 in
Number of Seats	2
Canopy Entry	
Landing Gear*	F/TR
Baggage Volume	13 cubic ft
Baggage Capacity	70 lbs
Fuel Capacity	24 gal US

POWER PLANT

Engine	Rotax 912 ULS
Output	100 hp
Oil Capacity	3 qts
Coolant Capacity	4.4 qts
Propeller Diameter	70 in
Propeller Type	2 Blade Ground Adjustable
Gear Reduction	1:2.43
Fuel G.P.H. @ 75%	5.0

PERFORMANCE

Take Off Roll	325 ft
Rate of Climb	900 fpm
Service Ceiling	14,500 ft
Cruise	136 mph
VNE	150 mph
Stall Clean	50 mph
Stall Flaps	45 mph
Roll Rate	100 deg/sec
Glide Ratio	12:1
Landing Roll	325 ft
Endurance	4.4 hrs
Range	598 miles

WEIGHTS AND LOADINGS

Gross Weight	1320 lbs**
Empty Weight	820 lbs
Useful Load	500 lbs
Wing Loading	10.4 psf
Power Loading	13.2 lb/HP
Limit Load Factors	+4.4-2

*F/TR=Fixed Trike

**Airframe rated for 1500 lbs