

S-21

SPECIFICATIONS	SLSA ROTAX	SLSA TITAN
	912ULS	340
Wing Span	28 ft	28 ft
Wing Area	141 sq ft	141 sq ft
MAC	5.06 ft	5.06 ft
Aspect	5.05	5.05
Length	22.41 ft	22.41 ft
Height Tailwheel	78"	78"
Height Trike	102.65"	102.65"
Cockpit Width	46.5 in	46.5 in
Headroom	40 in	40 in
Legroom	46 in	46 in
Number of Seats	2	2
Doors	2	2
Landing Gear***	F/TDTK	F/TDTK
Baggage Volume	24 cubic ft	24 cubic ft
Baggage Capacity	80 lbs	180 lbs
Fuel Capacity	43.5 gal US	43.5 gal US
POWER PLANT		
Output	100 hp	180 hp
Oil Capacity	3 qts	8 qts
Coolant Capacity	2.5 qts	n/a
Propeller Diameter	75 in	80 in
Propeller Type	Gr. Adj.	Fixed
Fuel G.P.H. @ 75%	5.5	7
PERFORMANCE****		
Take Off Roll	350 ft	325 ft
Rate of Climb	850 fpm	1500 fpm
Service Ceiling	12,500 ft	14,000 ft
Vc @ 75%/85%	120 mph	155 mph
VNE	160 mph	215 mph
Stall Clean	46 mph	50 mph
Stall Flaps	38 mph	40 mph
Roll Rate	100°/sec	100°/sec
Glide Ratio	9 : 5	9 : 5
Landing Roll	375 ft	375 ft
Endurance**	6.75 hrs	5 hrs
Range	852 miles	750 miles
WEIGHTS AND LOADING****		
Gross Weight	1320 lbs (1600 lbs*)	1320 lbs (1800 lbs*)
Empty Weight	820 lbs	985 lbs
Useful Load	500 lbs (780 lbs*)	335 lbs (815 lbs*)
Wing Loading	9.36 lbs/ft ²	13.47 lbs/ft ²
Power Loading	13.2 lbs/hp	10.55 lbs/hp
Limit Loading	+ 6/-2	+ 6/-2

* EAB

** Plus .5 hr. reserve

*** F/TDTK = Fixed, Convertible/ Taildragger or Trike

**** Approximate