

## S-21 OUTBOUND SPECS AND PERFORMANCE

SPECIFICATIONS	SLSA ROTAX 912ULS	SLSA TITAN 340	POWER PLANT	SLSA ROTAX 912ULS	SLSA TITAN 340	PERFORMANCE***	SLSA ROTAX 912ULS	SLSA TITAN 340
	Wing Span	28 FT.		28 FT.	Output		100HP	180HP
Wing Area	141 SQ. FT.	141 SQ. FT.	Oil Capacity	3 QT.	8 QT.	Rate of Climb	850 FPM	1500 FPM
MAC	5.06 ft	5.06 ft	Coolant Capacity	2.5 QT.	N/A	Service Ceiling	12,500 FT.	14,000 FT.
Aspect	5.53	5.53	Propeller Diameter	75 IN.	80 IN. ****	Vc @ 75% / 85%	120 MPH	155 MPH
Length	22.41 FT.	22.41 FT.	Propeller Type	GR. ADJ.	FIXED	Vne	160 MPH	215 MPH
Height Tailwheel	78 IN.	78 IN.	Fuel G.P.H @ 75% / 85%	5.5 GPH	7 GPH	Stall Clean	46 MPH	50 MPH
Height Trike	102.65 IN.	102.65 IN.				Stall Flaps	38 MPH	42 MPH
Cockpit Width	46.5 IN.	46.5 IN.	<b>WEIGHTS &amp; LOADINGS***</b>			Glide Ratio	9:1	9:1
Headroom	40 IN.	40 IN.	Gross Weight	1320 LBS.	1800 LBS.	Endurance @ 75% / 85%	5.7 HRS.*	7.1 HRS.*
Legroom	46 IN.	46 IN.	Empty Weight	820 LBS.	985 LBS.	Range	852 MILES	750 MILES
Number of Seats	2	2	Useful Load	500 LBS.	815 LBS.			
Doors	2	2	Wing Loading	9.36 LBS/FT <sup>2</sup>	13.5 LBS/FT <sup>2</sup>			
Landing Gear**	F/TDTK	F/TDTK	Power Loading	13.2 LBS/HP	10.55 LBS/HP			
Baggage Volume	24 CU. FT.	24 CU. FT.	Limit Loading	+6 /-2	+6 /-2			
Baggage Capacity	80 LBS.	120 LBS.						
Fuel Capacity	43.5 GAL. US.	43.5 GAL. US.						

\* Plus .5 hr. reserve  
 \*\* F/TDTK= Fixed, Convertible/ Taildragger or Trike  
 \*\*\* Approximate  
 \*\*\*\* Tailwheel Only, 70 in. dia. on Trike

