

**Power Plant:** IO/720 Lycoming 400 HP  
**Fuel Capacity:** 121 US gal.  
**Accommodations:** 5 Seats w/aft Baggage  
**Tires:** 29 x 11 x 10  
 Optional 35 in. Alaskan Bush Wheel  
**Oxygen:** Optional For All 5 Positions



## *Sherpa 500*

### Specifications

Length.....30.25 ft.  
 Height.....9.25 ft.  
 Wingspan.....42.6 ft.  
 Wing Area..... 258 sq. ft.  
 Wheel Base......9 ft.  
 Tire Size, Mains .....29x11x10  
 Tire Size, Optional Tundras.....40 in.  
 Tire Size, Tailwheel .....5.00x5  
 Landing Gear Type.....Conventional, Fixed  
 Seats.....5

### Weights and Loading

Maximum Gross Weight.....4750 lb.  
 Empty Weight.....2585 lb.  
 Useful Load.....2165 lb.  
 Wing Loading .....18.41 lb/sq. ft.  
 Power Loading .....11.87 lb/hp.  
 Fuel Capacity .....121 gal.



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If your flying needs allow the use of an experimental licensed aircraft and your flight requirements demand the maximum short field performances, then you need Sherpa's new 500. Whether hauling passengers or supplies, this new IO/720 400 HP ruggedly constructed Sherpa has the ability to go wherever you want on wheels, skis, or floats. With a 2165 lb. useful load and a fuel capacity of 121 gal., economy cruise settings can provide as much as 8 hours of flight time plus reserves!

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### Performance

Never-Exceed Speed.....185 kt.  
 Maximum Cruise Speed, 75% Power.....140 kt.  
 Economy Cruise Speed, 65% Power.....120 kt.  
 Fuel Consumption at 75% Power.....20.1 gph  
 Fuel Consumption at 65% Power.....15.5 gph  
 Range.....963 n.m  
 Stall Speed, Flaps Up.....48 kt.  
 Stall Speed, Flaps Down .....34 kt.  
 Rate of Climb, Sea Level.....1480 fpm  
 Service Ceiling.....21,000 ft.  
 Takeoff Ground Roll, 3000 lb.....135 ft.  
 Takeoff Ground Roll, 4750 lb.....396 ft.

