

# SHERPA

# GT500



## GT500

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 GT500. Whether hauling passengers or supplies, this new 10/720 400 HP ruggedly constructed Sherpa has the ability to go wherever you want on wheels, skis, or floats. With a 2,165 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!

### Sherpa Aircraft

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# GT500 Specs

Power Plant: 10/720 Lycoming (400 HP) - *current*  
Honeywell TPE331-1 (665 HP) - *planned upgrade*  
Fuel Capacity: 121 US gallons  
Accommodations: 5 Seats with Aft Baggage  
Tires: 29 x 11 x 10 or 35" Alaskan Bushwheels  
Oxygen: Optional - All 5 Positions

## Weights & Loadings

Empty Weight: 2,585 lbs  
Max Takeoff Weight: 4,750 lbs - *current*  
5,000 lbs - *planned upgrade*  
Max Wing Loading: 18.41 lbs/sq ft  
Max Power Loading: 11.87 lbs/hp  
Useful Load: 2,165 lbs

## 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 nm  
Stall Speed, Flaps Up: 48 kt  
Stall Speed, Flaps Down: 34 kt  
Rate of Climb, Sea Level: 1,480 fpm  
Service Ceiling: 21,000 ft  
Takeoff Ground Roll, 3,000 lb: 135 ft  
Takeoff Ground Roll, 4,750 lb: 396 ft

## Specifications

Length: 30.25 ft  
Height: 9.25 ft  
Wingspan: 42.6 ft  
Wing Area: 258 sq ft  
Wheel Base: 9 ft  
Tire Size, Tailwheel: 5.00x5  
Landing Gear Type: Conventional, Fixed  
Seats: 5

