

Power Plant:

Honeywell TPE331-5 840 HP
 TPE331-10 1000 HP Optional

Fuel Capacity: 346 US gal.

Accommodations: 8 Seats w/aft Baggage

Tires: 29 x 11 x 10

Optional 35 in. Alaskan Bush Wheel

Oxygen: Optional For All 8 Positions



Sherpa K-650T

Weights and Loadings:

Weight Empty 3500 lb.
 Max T-O Weight 6500 lb.
 Max Wing Loading 20.63 lb./sq.ft.
 Max Power Loading -5 8.66 lb./hp

Dimensions, Internal:

Cabin Volume 220 cu. ft.
 Baggage Compartment 7.5 cu. ft.
 Useful Load 3000 lbs

Dimensions, External

Wing Span47 ft. 4 in.
 Wing Chord.....6 ft. 8 in.
 Wing Aspect Ratio.....7.1
 Length Overall.....34 ft. 1 in.
 Height Overall.....9 ft. 9 in.
 Tail Plane Span18 ft. 3 in.
 Wheel Track.....8 ft. 10 in.
 Propeller Ground Clearance.....3 ft. 1 in. 3 pnt./1 ft. 7 in. level
 Propeller Diameter.....116 in. 3-blade
 Cabin Door Height.....3 ft. 7 in.
 Cargo Door Width5 ft. 1 in.
 Baggage Door Height.....1 ft. 8 in.
 Baggage Door Width.....2 ft. 6 in.



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 K-650T. Whether hauling passengers or supplies, this new 8-place Honeywell turbine powered, ruggedly constructed Sherpa has the ability to go wherever you want on wheels, skis, or floats. With a 3000 lb. useful load and a fuel capacity of 346 gal., economy cruise settings can provide as much as 8 hours of flight time plus reserves!

Performance - at 5000 weight

T-O Run		TPE331-5		102 ft.
Landing Run				120 ft.
Max Rate of Climb at Sea Level				1900 ft./min.
Stall Speed, Flaps Up 0 Thrust				60 mph
Stall Speed, Flaps Down 0 Thrust				30 mph

Performance - at 6500 weight

Cruising Speed 18,000 ft.		TPE331-5		188 mph
Economy Cruising 18,000 ft.				174 mph
Stall Speed, Flaps Up (power on)				58 mph
Stall Speed, Flaps Down (power on)				34 mph
Max Rate of Climb at Sea Level				1400 ft./min.
Service Ceiling				25000 ft.
T-O Run Gross				336 ft.
Landing Run Groiss				240 ft.
* Range Max Cruise (42 gal./hr.) +res				1256 s.m.

