

# Sportman



*"It offers a combination of payload, performance, and exceptional flying qualities that is unmatched by certified or experimental airplanes in its class."*

Peter M. Diemer  
Pilot Getaways Magazine



Easy conversion from trike to tail dragger or floatplane.



Get deep into the back country.



Large baggage/passenger area and high useful load.



## Performance ... 180 hp

	mph/kts
Top Speed (TAS, sea level)	167/145
Cruise Speeds (TAS)	
75% power at 8,000 ft	158/137
65% power at 8,000 ft	154/134
Stall Speeds (max. gross)	
No flaps (Vs)	58/51
Full flaps (Vso)	48/42
Best Rate of Climb Speed (Vy)	97/85
Best Angle of Climb Speed (Vx)	86/75
Max. Structural Cruising Speed (Vno)	161/140
Never-Exceed Speed (Vne)	186/162
Rate of Climb	
Solo	1,950 fpm
Max. gross	1,000 fpm
Take-Off Distance (max. gross, no wind, pavement, sea level)	
Ground roll	375 ft
Landing Distance (max. gross, no wind, pavement, sea level)	
Ground roll	260 ft
Range (65% power, no wind, VFR reserve)	
Standard tanks	886 mi/770 nm
Fuel Consumption (65% power)	8.0 gph
Service Ceiling (approx.)	20,000 ft

## Specifications ...

Fuselage Length	23 ft
With wings folded	24 ft, 8 in
Wing Span	35 ft
With wings folded/tail removed	8 ft
Maximum Height, tricycle gear	9 ft, 4 in
Taildragger	6 ft, 11 in
Cabin Width, at hip	44 in
At shoulder	46 in
Fuel Capacity (usable)	
Standard tanks	50.0 gals
Baggage / passenger	37 cu ft
Max. Baggage / passenger capacity	300 lbs
Wing Area	131 sq ft
Wing Loading (max. gross)	17.5 lbs/sq ft
Aspect Ratio	9.1
Empty Weight (typical, basic VFR equip.)	1,350 lbs
Max. Gross Weight (on wheels)	2,350 lbs
Max. Gross Weight (on floats)	2,500 lbs
Useful Load (typical, basic VFR equip.)	1000 lbs
Limit Loads (max. gross)	+3.8 G/-1.5 G
Wheels/Tires Standard 6.00 x 6 and Main 5.00 x 5 Nose	

\*Performance figures are actual data from the prototype equipped with a Lycoming O-360 engine, Hartzell constant speed prop, tricycle configuration. Performance of customer-assembled aircraft may vary depending on equipment, construction quality and pilot ability.

## Step Up To The Sportsman!

The Sportsman 2+2 is a new addition to the extremely popular Glstar family of aircraft. Building upon the Glstar heritage, the Sportsman is the only 2+2 general aviation aircraft on the market that is a tail-dragger, trike, float ready, wing folding, trailerable, high-utility aircraft, all rolled into one!

With significantly beefed up landing gear, wings, wing struts, safety cage, and fuselage, it has a gross weight increase of 390 pounds over the original Glstar. This gives the Sportsman a useful load of 1,000 lbs or half a ton!

The Sportsman 2+2 has been designed to fly with tundra tires, with floats or skis. It is built with fittings that will allow quick, easy conversion from tricycle to taildragger or floatplane.

As its name implies, the Sportsman is intended for pilots who want to explore backcountry areas or pursue other areas of recreational flight requiring a large baggage area and high useful load. It has a truly cavernous luggage area and optional second row "jump seat" for 2 rear-seat passengers.

Designed for STOL performance at gross weight, the Sportsman gets off the ground in 375 feet, climbs from sea level at 1,000 fpm, cruises at 158 mph/137 kts. Enlarged flaps provide positive control in slow flight. Landing speed is 48 mph/42 kts., and rollout is less than 300 feet, which can easily be accomplished in an appropriate open field, on a shoreline, dirt road, or river. Paved runways are also acceptable.

Pre-built kits are available with all critical alignments and basic structure having been assembled at the factory. With our Customer Assembly Center programs you can complete and fly your Sportsman in weeks not years!

When completed, the Sportsman offers performance and versatility superior to anything in its class. While it can be flown cross-country, this is a machine that really delivers adventure!

With 2 pilots and full fuel, the Sportsman will not only haul over 300 pounds of gear, cargo, or extra passengers, it will easily handle all of the bulky stuff you never thought you'd take with you in your airplane: 2 sets of golf clubs, full sized mountain bikes, snow skis, 9' fishing rods and reels, folding tables, chairs, aluminum framed backpacks, all kinds of camping, hiking and scuba gear and lots of it!

Float-plane enthusiasts will find that the Sportsman is unmatched in its class for its hauling capacity, useful load, long range for getting deep into the back-country, and very impressive water performance.

Pilots who demand a conventional wheeled aircraft will find the Sportsman rugged and tough, yet easy to take-off and land with good forward visibility in the 3-point attitude. With the 26" tundra tires, the Sportsman boasts 18" of prop clearance even with the 80" Hartzell propeller. On standard 6.00 x 6 wheels and tires and a 74" cruise prop, pilots can expect to have similar clearances for rough field operations.

***Call and place your order Today!***



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