



**QUICKSILVER**  
THE ORIGINAL

**GT400**





# QUICKSILVER

# GT400



## LAMA CERTIFIED - The first and only single seat ultralight certified to an FAA recognized airworthiness standard.

The GT 400 remains in a class of its own; the undisputed top of the line in single seaters. The Light Aircraft Manufacturers Association (LAMA) recognized that behind its simple structure are thousands of hours of development and testing; volumes of manuals, documentation, and drawings; and an immortal "classic" design that flies beautifully.

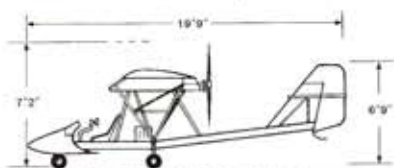
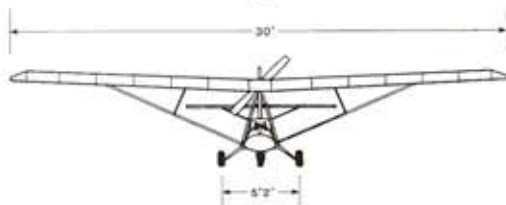
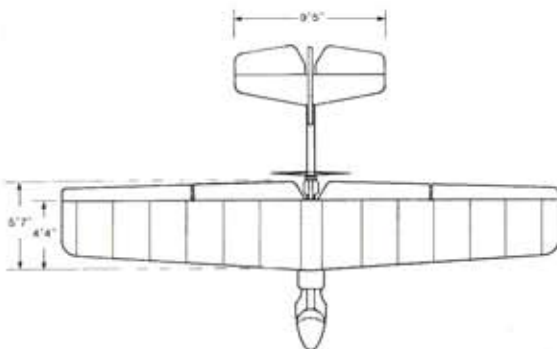
The GT 400 flies quietly and smoothly. It has great roll response and excellent pitch stability throughout its speed range. You will find that the GT 400 is a responsive and fun plane. With or without flaps, the GT 400 handles crosswinds easily and is capable of the softest landings you'll ever experience in any plane. Touchdowns are smooth with the landing gear suspension absorbing the bumps. On the ground it can taxi in tight circles.



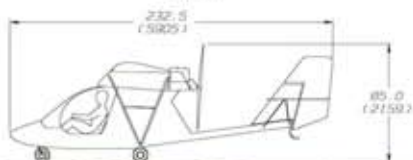
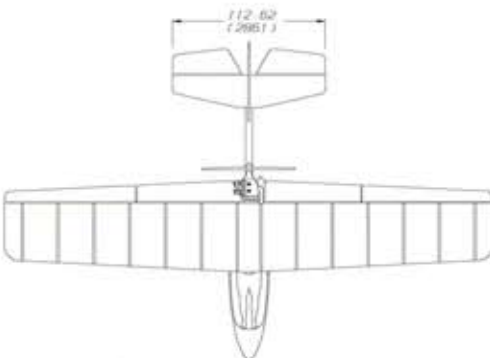
## STANDARD FEATURES

\* Spring Loaded, Steerable Nose Wheel \* Double Surface Wings \* Extra Ribs for Firm Airfoil \* Conventional 3-Axis Controls \* 4 Position Flaps \* Ground Adjustable Trim Control \* Tapered Wing \* Excellent Crosswind Capability \* Easy Handling and Responsive Control \* State-of-the-Art Landing Gear Suspension \* Short Takeoff & Landing \* Virtually Vibration-Free Engine Mount \* Lowest Cockpit Noise Level of all Ultralights Tested \* 72 mph Cruise Speed (Optional Configuration) \* Quicksilver's Famous Quality \* 20 Minute Set-Up and Breakdown \* Adjustable Pilot Seat \* Removable 5 Gallon Fuel Tank \* Airspeed Indicator Included \* Extraordinary Visibility \* Delivered in Easy-to-Assemble Kit (Average 60 to 90 Hours) \* Easy Maintenance and Repair \* Six-Month Written Limited Warranty (See Dealer for Details) \* Wide Range of Options Available

## SPECIFICATIONS - Strut Braced Wing



STANDARD CONFIGURATION



OPTIONAL CONFIGURATION

### POWERPLANT & PROPELLER

Type: Rotax with Gear Drive  
No. of Cylinders 2  
Displacement 436.5 cc  
Horsepower 40 hp  
Recommended TBO 250 hrs  
Propeller 60 in x 36 in

### STANDARD CONFIGURATION

R447 R503  
2 2  
436.5 cc 496.7 cc  
40 hp 50 hp  
250 hrs 250 hrs  
60 in x 36 in 68 in x 32 in

### OPTIONAL CONFIGURATION

R447 R503  
2 2  
436.5 cc 496.7 cc  
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### GENERAL

Length 19 ft 9 in  
Height 6 ft 6 in  
Wingspan 30 ft 0 in  
Wing area 146 sq ft  
Wing loading 3.9 lb/sq ft  
Power loading 14.25 lb/hp  
Seats 1  
Minimum flight crew 1  
Empty weight \* \*\* 276 lb  
Useful load 294 lb  
Payload w/full fuel 264 lb  
Max takeoff weight 570 lb  
Fuel capacity 5 U.S. gal

19 ft 9 in  
6 ft 6 in  
30 ft 0 in  
146 sq ft  
3.9 lb/sq ft  
11.4 lb/hp  
1  
1  
286 lb  
284 lb  
254 lb  
570 lb  
5 U.S. gal

19 ft 10 in  
6 ft 6 in  
30 ft 0 in  
146 sq ft  
3.9 lb/sq ft  
14.25 lb/hp  
1  
1  
306 lb  
264 lb  
234 lb  
570 lb  
5 U.S. gal

### PERFORMANCE

Takeoff distance, ground roll 75 ft  
Takeoff distance, 50 ft obstacle 215 ft  
Rate of climb 1000 ft/min  
Max level speed, sea level 61 mph  
Landing distance, 50 ft obst (with brake) 350 ft  
Landing distance, ground roll (with brake) 100 ft  
Glide Ratio 7.0:1  
Minimum sink rate 450 ft/min

60 ft  
155 ft  
1540 ft/min  
66 mph  
350 ft  
100 ft  
7.0:1  
450 ft/min

80 ft  
235 ft  
940 ft/min  
72 mph  
350 ft  
100 ft  
7.5:1  
450 ft/min

### CRUISE PERFORMANCE CHART

@ 55% power 5300 rpm  
@ 65% power 5600 rpm  
@ 75% power 5900 rpm  
@ 100% power 6500 rpm

51 mph  
55 mph  
58 mph  
61 mph

59 mph  
63 mph  
67 mph  
72 mph

### FUEL FLOW/RANGE

@ 55% power (gph/mi)  
@ 65% power (gph/mi)  
@ 75% power (gph/mi)  
@ 100% power (gph/mi)

3.00/85  
3.50/78  
4.00/72  
4.50/67

3.00/98  
3.50/90  
4.00/83  
4.50/80

### LIMITING AND RECOMMENDED SPEEDS

Vx (Best angle of climb)  
Vy (Best rate of climb)  
Va (Design maneuvering)  
Vne (Never exceed)  
Vs1 (Stall, flaps up, power off)  
Vs0 (Stall, flaps down, power off)  
Landing approach speed

32 mph  
41 mph  
61 mph  
74 mph  
29 mph  
27 mph  
40 mph

32 mph  
41 mph  
61 mph  
74 mph  
29 mph  
27 mph  
40 mph

All specifications are based on the manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, at sea level, and 175 lb pilot weight, unless otherwise noted. Information provided reflects this aircraft's maximum potential. \*The empty weight is approximate due to 4% Mil Spec tolerance on materials. \*\*The empty weight is shown with allowance made for pilot/vehicle recovery system deducted. This aircraft is not designed for aerobatics. Be sure to follow the owner's manual recommendations for flight and maintenance guidelines. The pilot is responsible for operating this aircraft in accordance with the applicable Federal & State Regulations. Flight training is required. Specifications and equipment are subject to change without notice. Only Quicksilver Mfg. approved accessories should be installed on this aircraft.

**Quicksilver Manufacturing, Inc.**

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