



QUICKSILVER
THE ORIGINAL

GT400



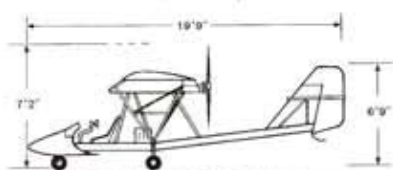
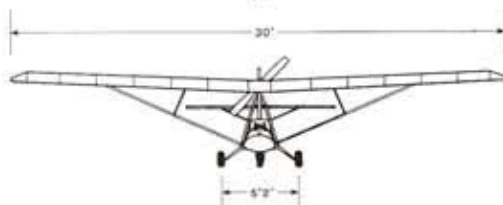
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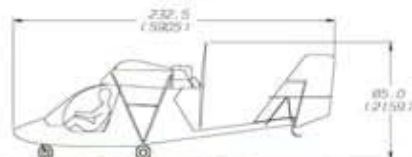
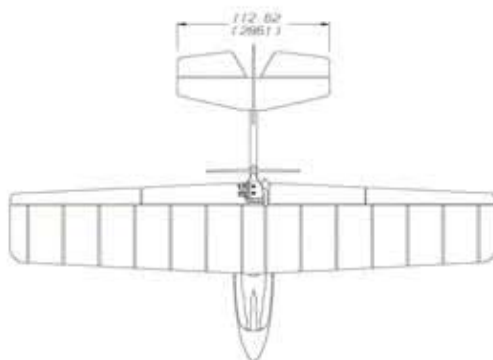


LAMA CERTIFIED - The first and only single seat ultralight certified to an FAA recognized airworthiness standard.

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.



STANDARD CONFIGURATION



OPTIONAL CONFIGURATION

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

POWERPLANT & PROPELLER

Type: Rotax with Gear Drive

No. of Cylinders

Displacement

Horsepower

Recommended TBO

Propeller

GENERAL

Length

Height

Wingspan

Wing area

Wing loading

Power loading

Seats

Minimum flight crew

Empty weight * **

Useful load

Payload w/full fuel

Max takeoff weight

Fuel capacity

PERFORMANCE

Takeoff distance, ground roll

Takeoff distance, 50 ft obstacle

Rate of climb

Max level speed, sea level

Landing distance, 50 ft obst (with brake)

Landing distance, ground roll (with brake)

Glide Ratio

Minimum sink rate

CRUISE PERFORMANCE CHART

@ 55% power 5300 rpm

@ 65% power 5600 rpm

@ 75% power 5900 rpm

@ 100% power 6500 rpm

FUEL FLOW/RANGE

@ 55% power (gph/mi)

@ 65% power (gph/mi)

@ 75% power (gph/mi)

@ 100% power (gph/mi)

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

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

19 ft 9 in 19 ft 9 in

6 ft 6 in 6 ft 6 in

30 ft 0 in 30 ft 0 in

146 sq ft 146 sq ft

3.9 lb/sq ft 3.9 lb/sq ft

14.25 lb/hp 11.4 lb/hp

1 1

276 lb 286 lb

294 lb 284 lb

264 lb 254 lb

570 lb 570 lb

5 U.S. gal 5 U.S. gal

75 ft 60 ft

215 ft 155 ft

1000 ft/min 1540 ft/min

61 mph 66 mph

350 ft 350 ft

100 ft 100 ft

7.0:1 7.0:1

450 ft/min 450 ft/min

51 mph 55 mph

55 mph 59 mph

58 mph 62 mph

61 mph 66 mph

3.00/85 3.67/75

3.50/78 4.33/68

4.00/72 5.00/62

4.50/67 6.67/53

32 mph 32 mph

41 mph 41 mph

61 mph 61 mph

74 mph 74 mph

29 mph 29 mph

27 mph 27 mph

40 mph 40 mph

OPTIONAL 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

19 ft 10 in 19 ft 10 in

6 ft 6 in 6 ft 6 in

30 ft 0 in 30 ft 0 in

146 sq ft 146 sq ft

3.9 lb/sq ft 3.9 lb/sq ft

14.25 lb/hp 11.4 lb/hp

1 1

306 lb 316 lb

264 lb 254 lb

234 lb 224 lb

570 lb 570 lb

5 U.S. gal 5 U.S. gal

80 ft 65 ft

235 ft 169 ft

940 ft/min 1450 ft/min

72 mph 78 mph

350 ft 350 ft

100 ft 100 ft

7.5:1 7.5:1

450 ft/min 450 ft/min

59 mph 64 mph

63 mph 68 mph

67 mph 72 mph

72 mph 78 mph

3.00/98 3.67/87

3.50/90 4.33/79

4.00/83 5.00/72

4.50/80 6.67/58

32 mph 32 mph

41 mph 41 mph

61 mph 61 mph

74 mph 74 mph

29 mph 29 mph

27 mph 27 mph

40 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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GT 400

Specifications:

POWERPLANT

Model	ROTAX 503 w/Gear drive
No. Cylinders	2
Displacement	496.7 cc
Horsepower	50 hp
Recommended TBO	300 hrs
Propeller	68" x 32"
Fuel Capacity	5 gal

AIRFRAME

R503

Length	19ft 9in
Height.	6' 6"
Wingspan	30ft
Wing area	146 sq ft
Wing loading	3.9 lb/sq ft
Power loading	11.4 lb/hp
Seats	1
Minimum flight crew	1

WEIGHTS

Max takeoff weight	570 lbs
Empty weight	316 lbs
Useful load	254 lbs
Payload w/full fuel	224 lbs

PERFORMANCE

Takeoff distance, ground roll	65 ft
Takeoff distance, 50 ft obstacle	169 ft
Rate of climb	1450 ft/min
Max level speed, sea level	78 mph
Landing distance, 50 ft obstacle	350 ft
Landing distance, ground roll	100 ft
Glide Ratio	7.5:1

CRUISE PERFORMANCE CHART:

At 55% power (rpm/mph)	5300/64
At 65% power (rpm/mph)	5600/68
At 75% power (rpm/mph)	5900/72
At 100% power (rpm/mph)	6500/78

FUEL FLOW

At 55% power (gph/mi)	3.67/87
At 65% power (gph/mi)	4.33/79
At 75% power (gph/mi)	5.00/72
At 100% power (gph/mi)	6.67/58

AIRSPEEDS

Vx (Best angle of climb)	32 mph
Vy (Best rate of climb)	41 mph
Va (Design maneuvering)	61 mph
Vne (Never exceed)	74 mph
Vs1 (Stall, flaps up, power off)	29 mph
Vs0 (Stall, flaps down, power off)	27 mph
Landing approach speed	40 mph



Minimum sink rate 450 ft/min

Features

- Limited Warranty (see your dealer for details)
 - Spring loaded landing gear, steerable Nose Wheel 4
 - position flaps
 - State-of-the-art landing gear suspension
 - Virtually vibration-free engine mount
 - Lowest cockpit noise level of all ultralights tested
 - 65 mph cruise
 - Tapered wing
 - Short take-off & landing
- Airspeed indicator
 - 30 minute set-up and breakdown
 - Adjustable pilot seat
 - Removable 5 gallon fuel tank
 - Extraordinary visibility
 - Delivered in easy-to-assemble kit (dealer assembly service available at participating dealers)
 - Easy maintenance and repair
 - Wide range of option

NOTE: All specifications are based on manufacturer's calculations.
All performance figures are based on standard day, standard atmosphere, at sea level and 175 lb. pilot weight, unless otherwise noted. Flight training required. Specifications subject to change without notice. The empty weight is shown with allowance made for pilot/vehicle recovery system deducted. The empty weight for all models is approximate due to a 4% MIL SPEC tolerance on materials.
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
This information is for reference only, please consult Quicksilver or one of it's dealers for exact and up to date specifications.

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