QUICKSILVER® GT

'THE ORIGINAL'

Quicksilver . . . the most popular and largest selling light recreational aircraft in the world.







LAMA CERTIFIED

QUICKSILVER ENTERPRISES, INC.

World's Largest Manufacturer of
Recreational Aircraft & Vehicles

P.O. Box 1572, Temecula, CA 92390 U.S.A.
(714) 676-6886, Telex: 499-0565 EIPFORM, FAX (714) 676-4883

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The only ultralight certified to an FAA recognized airworthiness standard.

QUICKSILVER® GT
"THE ORIGINAL"

Features

• Limited warranty (see your dealer for details) • Spring loaded, 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 • 55 mph cruise • Tapered wing • Short take-off & landing • Airspeed indicator • 15 minute set-up and breakdown • Adjustable pilot seat • Removable 5 gallon fuel tank • Cable to strut braced option • Extraordinary visibility • Delivered in easy-to-assemble kit (dealer assembly service available at participating dealers) • Easy maintenance and repair • Wide range of options

GT 400 ENGINE MODULE SPECIFICATIONS

Powerplant	ROTAX 447 with Gear Drive	Horsepower	40 hp
		Recommended TBO	250 hrs
No. Cylinders	2	Propeller	60" x 32"
Displacement	436.6 cc	Fuel Capacity	5 gals

All specifications are based on manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, at sea level and 175 pilot weight, unless otherwise noted.

*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.

STANDARD CONFIGURATION

CABLE BRACED WING

AIRFRAME

Length	237 in
Height	93 in
Wingspan	30 ft
Wing area	146 sq ft
Wing loading	3.9 lb/sq ft
Power loading	14.25 lb/hp
Seats	1
Minimum flight crew	1

WEIGHTS

Max takeoff weight	570 lbs
Empty weight	254 lbs*
Useful load	300 lbs
Payload w/full fuel	270 lbs

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	63 mph
Landing distance, 50 ft obstacle	350 ft
Landing distance, ground roll	100 ft
Glide ratio	7:1
Minimum sink rate	450 fpm

CRUISE PERFORMANCE CHART

At 55% power (rpm/mph)	5300/52
At 65% power (rpm/mph)	5600/56
At 75% power (rpm/mph)	5900/59
At 100% power (rpm/mph)	6500/63

FUEL FLOW/RANGE

At 55% power (gph/mi)	3.0/86
At 65% power (gph/mi)	3.5/80
At 75% power (gph/mi)	4.0/74
At 100% power (gph/mi)	4.5/70

AIRSPEEDS

V_x (Best angle of climb)	32 mph
V_y (Best rate of climb)	41 mph
V_a (Design maneuvering)	61 mph
V_{ne} (Never exceed)	74 mph
V_{s1} (Stall, power off)	29 mph
V_{s0} (Stall, flaps down, power off)	27 mph
Landing approach speed	40 mph

STRUT BRACED WING

AIRFRAME

Length	237 in
Height	78 in
Wingspan	30 ft
Wing area	146 sq ft
Wing loading	3.9 lb/sq ft
Power loading	14.25 lb/hp
Seats	1
Minimum flight crew	1

WEIGHTS

Max takeoff weight	570 lbs
Empty weight	276 lbs
Useful load	294 lbs
Payload w/full fuel	264 lbs

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 obstacle	350 ft
Landing distance, ground roll	100 ft
Glide ratio	7:1
Minimum sink rate	450 fpm

CRUISE PERFORMANCE CHART

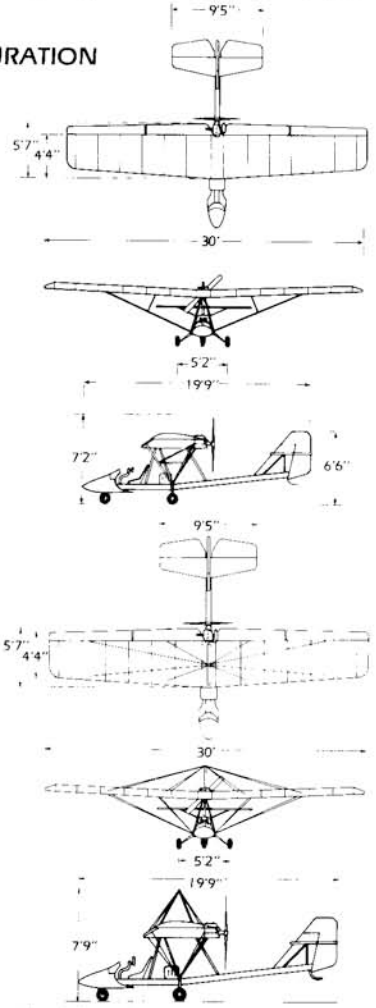
At 55% power (rpm/mph)	5300/51
At 65% power (rpm/mph)	5600/55
At 75% power (rpm/mph)	5900/58
At 100% power (rpm/mph)	6500/61

FUEL FLOW/RANGE

At 55% power (gph/mi)	3.0/85
At 65% power (gph/mi)	3.5/78
At 75% power (gph/mi)	4.0/72
At 100% power (gph/mi)	4.5/67

AIRSPEEDS

V_x (Best angle of climb)	32 mph
V_y (Best rate of climb)	41 mph
V_a (Design maneuvering)	61 mph
V_{ne} (Never exceed)	74 mph
V_{s1} (Stall, power off)	29 mph
V_{s0} (Stall, flaps down, power off)	27 mph
Landing approach speed	40 mph



OPTIONAL CONFIGURATION

CABLE BRACED WING

AIRFRAME

Length	238 in
Height	93 in
Wingspan	30 ft
Wing area	146 sq ft
Wing loading	3.9 lb/sq ft
Power loading	14.25 lb/hp
Seats	1
Minimum flight crew	1

WEIGHTS

Max takeoff weight	570 lbs
Empty weight	300 lbs
Useful load	270 lbs
Payload w/full fuel	240 lbs

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	74 mph
Landing distance, 50 ft obstacle	350 ft
Landing distance, ground roll	100 ft
Glide ratio	7.5:1
Minimum sink rate	450 fpm

CRUISE PERFORMANCE CHART

At 55% power (rpm/mph)	5300/60
At 65% power (rpm/mph)	5600/65
At 75% power (rpm/mph)	5900/69
At 100% power (rpm/mph)	6500/74

FUEL FLOW/RANGE

At 55% power (gph/mi)	3.0/100
At 65% power (gph/mi)	3.5/92
At 75% power (gph/mi)	4.0/86
At 100% power (gph/mi)	4.5/82

AIRSPEEDS

V_x (Best angle of climb)	32 mph
V_y (Best rate of climb)	41 mph
V_a (Design maneuvering)	61 mph
V_{ne} (Never exceed)	74 mph
V_{s1} (Stall, power off)	29 mph
V_{s0} (Stall, flaps down, power off)	27 mph
Landing approach speed	40 mph

STRUT BRACED WING

AIRFRAME

Length	238 in
Height	78 in
Wingspan	30 ft
Wing area	146 sq ft
Wing loading	3.9 lb/sq ft
Power loading	14.25 lb/hp
Seats	1
Minimum flight crew	1

WEIGHTS

Max takeoff weight	570 lbs
Empty weight	306 lbs
Useful load	264 lbs
Payload w/full fuel	234 lbs

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	72 mph
Landing distance, 50 ft obstacle	350 ft
Landing distance, ground roll	100 ft
Glide ratio	7.5:1
Minimum sink rate	450 fpm

CRUISE PERFORMANCE CHART

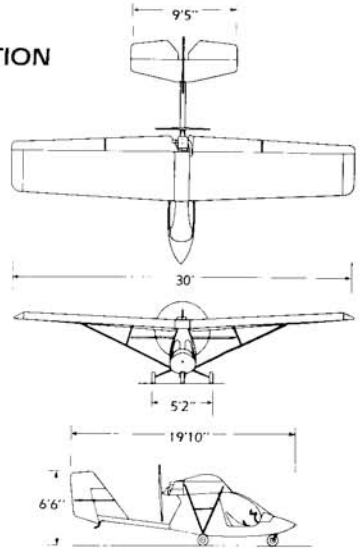
At 55% power (rpm/mph)	5300/59
At 65% power (rpm/mph)	5600/63
At 75% power (rpm/mph)	5900/67
At 100% power (rpm/mph)	6500/72

FUEL FLOW/RANGE

At 55% power (gph/mi)	3.0/98
At 65% power (gph/mi)	3.5/90
At 75% power (gph/mi)	4.0/83
At 100% power (gph/mi)	4.5/80

AIRSPEEDS

V_x (Best angle of climb)	32 mph
V_y (Best rate of climb)	41 mph
V_a (Design maneuvering)	61 mph
V_{ne} (Never exceed)	74 mph
V_{s1} (Stall, power off)	29 mph
V_{s0} (Stall, flaps down, power off)	27 mph
Landing approach speed	40 mph



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Flight training required. Pictured with optional pilot enclosure and wheel pants. Specifications subject to change without notice.

DOC#876-01

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LAMA CERTIFIED — The only ultralight certified to an FAA recognized airworthiness standard.

SPECIFICATIONS - R447

Powerplant	ROTAX 447 with Gear Drive
No. Cylinders	2
Displacement	436.6 cc
Horsepower	40 hp
Recommended TBO	250 hrs
Propeller	60" x 32"
Fuel Capacity	5 gals

SPECIFICATIONS - R503

Powerplant	ROTAX 503 with Gear Drive
No. Cylinders	2
Displacement	496.7 cc
Horsepower	50 hp
Recommended TBO	250 hrs
Propeller	68" x 32"
Fuel Capacity	5 gals

STANDARD CONFIGURATION - STRUT BRACED WING

AIRFRAME	R447	R503
Length	237 in.	237 in.
Height	78 in.	78 in.
Wingspan	30 ft	30 ft
Wing area	146 sq ft	146 sq ft
Wing loading	3.9 lb/sq ft	3.9 lb/sq ft
Power loading	14.25 lb/hp	11.4 lb/hp
Seats	1	1
Minimum flight crew	1	1

WEIGHTS		
Max takeoff weight	570 lbs	570 lbs
Empty weight	276 lbs	276 lbs
Useful load	294 lbs	294 lbs
Payload w/full fuel	264 lbs	264 lbs

PERFORMANCE		
Takeoff distance, ground roll	75 ft	60 ft
Takeoff distance, 50 ft obstacle	215 ft	155 ft
Rate of climb	1000 fpm	1540 fpm
Max level speed, sea level	61 mph	66 mph
Landing distance, 50 ft obstacle	350 ft	350 ft
Landing distance, ground roll	100 ft	100 ft
Glide Ratio	7:1	7:1
Minimum sink rate	450 fpm	450 fpm

CRUISE PERFORMANCE CHART		
At 55% power (rpm/mph)	5300/51	5300/55
At 65% power (rpm/mph)	5600/55	5600/59
At 75% power (rpm/mph)	5900/58	5900/62
At 100% power (rpm/mph)	6500/61	6500/66

FUEL FLOW	R447	R503
At 55% power (gph/mi)	3.0/85	3.67/75
At 65% power (gph/mi)	3.5/78	4.33/68
At 75% power (gph/mi)	4.0/72	5.00/62
At 100% power (gph/mi)	4.5/67	6.67/53

AIRSPEEDS		
V_x (Best angle of climb)	32 mph	32 mph
V_y (Best rate of climb)	41 mph	41 mph
V_a (Design maneuvering)	61 mph	61 mph
V_{ne} (Never exceed)	74 mph	74 mph
V_{s1} (Stall, power off)	29 mph	29 mph
V_{s0} (Stall, flaps down, power off)	27 mph	27 mph
Landing approach speed	40 mph	40 mph

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.
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Displacement	436.6 cc
Horsepower	40 hp
Recommended TBO	250 hrs
Propeller	60" x 32"
Fuel Capacity	5 gals

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Powerplant	ROTAX 503 with Gear Drive
No. Cylinders	2
Displacement	496.7 cc
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Recommended TBO	250 h
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Fuel Capacity	5 gals

OPTIONAL CONFIGURATION - STRUT BRACED WING

AIRFRAME	R447	R503
Length	238 in.	238 in.
Height	78 in.	78 in.
Wingspan	30 ft	30 ft
Wing area	146 sq ft	146 sq ft
Wing loading	3.9 lb/sq ft	3.9 lb/sq ft
Power loading	14.25 lb/hp	11.4 lb/hp
Seats	1	1
Minimum flight crew	1	1

WEIGHTS		
Max takeoff weight	570 lbs	570 lbs
Empty weight	306 lbs	306 lbs
Useful load	264 lbs	264 lbs
Payload w/full fuel	234 lbs	234 lbs

PERFORMANCE		
Takeoff distance, ground roll	80 ft	65 ft
Takeoff distance, 50 ft obstacle	235 ft	169 ft
Rate of climb	940 fpm	1450 fpm
Max level speed, sea level	72 mph	78 mph
Landing distance, 50 ft obstacle	350 ft	350 ft
Landing distance, ground roll	100 ft	100 ft
Glide Ratio	7.5:1	7.5:1
Minimum sink rate	450 fpm	450 fpm

CRUISE PERFORMANCE CHART		
At 55% power (rpm/mph)	5300/59	5300/64
At 65% power (rpm/mph)	5600/63	5600/68
At 75% power (rpm/mph)	5900/67	5900/72
At 100% power (rpm/mph)	6500/72	6500/78

FUEL FLOW	R447	R503
At 55% power (gph/mi)	3.0/98	3.67/87
At 65% power (gph/mi)	3.5/90	4.33/79
At 75% power (gph/mi)	4.0/83	5.00/72
At 100% power (gph/mi)	4.5/80	6.67/58

AIRSPEEDS		
V_x (Best angle of climb)	32 mph	32 mph
V_y (Best rate of climb)	41 mph	41 mph
V_a (Design maneuvering)	61 mph	61 mph
V_{ne} (Never exceed)	74 mph	74 mph
V_{s1} (Stall, power off)	29 mph	29 mph
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