



# MX Sprint

The Legend Continues!

Designed for the entry-level pilot while retaining the excitement & handling a proven pilot demands.

## WE LISTEN TO YOU...

We have taken note of the many suggestions and comments received by phone, mail and in the field. We combined this information with our own market research and designed the aircraft "you wanted." The MX Sprint has extremely fast roll response and handles crosswinds easily with its conventional three-axis controls. Yet it retains the docile and predictable slow flight characteristics that made the original MX famous. With its combination of great flying performance, Quicksilver's world-renowned quality and a six-month written limited warranty, the MX Sprint sells itself!

The legend continues...and now you can be a part of it.

## SPECIFICATIONS

### POWERPLANT

PowerPlant 1 Rotax Model 447  
Twin Cylinder, Two Cycle  
436.5 cc, 40 hp @ 6500 rpm

Recommended TBO 250 hr

Propeller 66 in x 34 in

Length 18 ft 1 in

Height 8 ft 10 in

Wingspan 28 ft 0 in

Wing area 156 sq ft

Wing loading 3.36 lb/sq ft

Power loading 13.12 lb.hp

Seats 1

Minimum flight crew 1

Empty weight 250 lb

Useful load 275 lb

Payload w/full fuel 245 lb

Max takeoff weight 525 lb

Fuel capacity 5 U.S. gal

### PERFORMANCE

Takeoff distance, ground roll 65 ft

Takeoff distance, 50 ft obst 200 ft

Rate of climb 900 ft/min

Max level speed, sea level 54 mph

Max operating altitude 14,000 ft

Landing distance 50 ft obstacle (with brake) 200 ft

Landing distance ground roll (with brake) 60 ft

### CRUISE PERFORMANCE CHART

(Speed/Range at sea level with 4.8 gal. usable fuel)

@ 55% power(5000 rpm) 44 mph/84 mi

@ 65% power(5300 rpm) 47 mph/84 mi

@ 75% power(5500 rpm) 50 mph/80 mi

@ 100% power(6500 rpm) 54 mph/52 mi

### FUEL FLOW:

@ 55% power 2.5 gph

@ 65% power 2.7 gph

@ 75% power 3.0 gph

@ 100% power 4.5 gph

### LIMITING AND RECOMMENDED SPEEDS

Vx (Best angle of climb) 33 mph

Vy (Best rate of climb) 36 mph

Va (Design maneuvering) 48 mph

Vne (Never exceed). 65 mph

Vs (Stall, power off) 24 mph

Landing approach speed (1.3 Vs) 31 mph

### KIT COST

Contact dealer for price

# FEATURES:

- Rotax 447 Engine
- Conventional 3-Axis Controls
- 66" Propeller for More Performance With Less Noise
- Flexible Driveshaft Coupler for Reduced Vibration
- Tapered Stabilizer
- Tubular-Braced Tail
- Triangulated Kingpost Assembly
- Partial Double Surface Wings
- Extra Ribs for Firm Airfoil
- Excellent Crosswind Capability
- Short Takeoff
- Very Fast Control Response
- Quicksilver's Famous Quality
- Easy-to-Assemble Kit (Average 30 to 50) Hours
- 6-Month Written Warranty (See Dealer for Details)

## PRICES SUBJECT TO CHANGE WITHOUT NOTICE

*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.*

*Operations/equipment category reflects this aircraft's maximum potential.*

*The empty weight is approximate due to 6% Mil Spec tolerance on materials.*

*Only Quicksilver Manufacturing approved accessories should be installed on this aircraft.*

*This aircraft is not designed for aerobatics.*

*Be sure to follow the owners manual recommendations for flight and maintenance guidelines.*

*The pilot is responsible for operating this aircraft in accordance with the applicable Federal and State Regulations*

*Range is listed in statute miles with no allowance for wind or fuel reserve.*

*\*All performance figures are based on standard day, standard atmosphere, at sea level, and aircraft at 525 pounds take-off weight.*

*These distances must be increased equal to 20% for each one thousand feet of pressure altitude above sea level.*

*\*\*The empty weight is approximate due to a 4% Mil. Spec. tolerance on materials.*

*Weight shown is minimum empty weight.*

*All specifications are based on manufacturers calculations.*

### **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.*



**You dreamed it. We just help you along the way**