

300L

Extra EA-300L Standard Specification



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◆ Airframe

Two Seats, Tandem, Low-wing Aircraft, Taildragger Steel Tube Airframe

Carbon Composite Wing Structure

Carbon/Glass Hybrid, Composite Empennage Structure

Fiberglass Landing Gear - Spring

◆ Equipment

Steerable Tail Wheel

Stall Warning System

Heavy Duty Wheels and Hydraulic Disc Brakes

Wheel Fairings

Composite Cowling Intake with Screen

Strobe/Nav Lights at Wing Tips

Recombinant Gas 12V Battery

Tie-down Rings

◆ Exterior

Standard External Paint Schemes with three Certified Colors

◆ Weights

Empty Weight 1,470 lbs/ 667 kg

MTOW-Normal Category2,095 lbs/ 950 kg

MTOW-Two-pilot Acro1,918 lbs/ 870 kg

MTOW-Single-pilot Acro1,808 lbs/ 820 kg

◆ Aircraft Dimensions

Wingspan 26 ft 3 in/ 8 meters

Length 22 ft 10 in/ 6.9 meters

Height..... 8 ft 7 in/ 2.6 meters

Wing Area 115.2 sq ft/ 10.7 square meters

FAA/JAA Certified Load Factor +/- 10 g

◆ Cockpit

Mic and Phone Jacks, Front and Rear

Composite Seats Rear Adjustable, Front Fixed

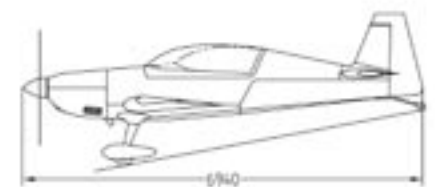
Hooker Harness with Ratchet - Rear Seat

Brakes - Front and Rear

Cool Scoop, Air Inlet for Canopy Window

Two Front and Two Rear Adjustable Vents

Document Kit



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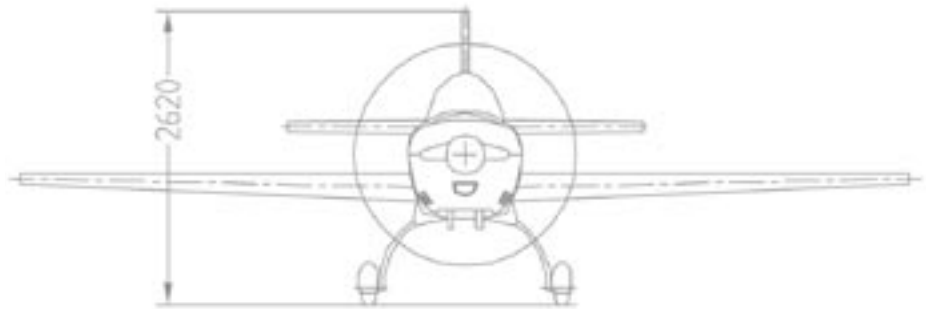
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◆ Flight Instruments Front Cockpit

Airspeed Indicator - United
Altimeter (ft/h/Pa)

◆ Flight Instruments Aft Cockpit

Airspeed Indicator - United
Altimeter (ft/h/Pa)
Mechanical G-meter
Digital Tach Indicator with Recording Time
Magnetic Compass
Manifold Pressure/Fuel Flow Indicator
Oil Temp/Pressure Indicator
CHT/EGT
Fuel Gauges (Wing and ACRO Tank)
Amp Meter
Alternator Warning Light
Pitot Static Drain



◆ Powerplant and Propeller

Engine Lycoming 300 hp 6 Cylinder
AEIO - 540 L1B5
Exhaust System (Gomolzig 6 in 1)
Electric Light Weight Starter
Alternator - 70 amp
Oil Coolers (Front and Rear)
Fuel Pumps (one Engine Driven, one Electric)
Composite Constant Speed Propeller
MTV 9-B-C/C 200-15 three-Blade
Woodward Propeller Governor

◆ Fuel System

Wing Tank and Fuselage Tank,
Capacity 41.1 Gallons/ 171 Liters
Integrated Fuel Feed and Selector
Valve for Wing and Acro Tanks

◆ Fuel

Total Capacity ...45.1 gals/ 171 liters
Usable Fuel43.7 gals/ 166 liters
Usable Fuel - Acro Tanks Only
..... 12 gals/ 45 liters

◆ Airspeeds

Never-exceed Speed (Vne)
.....220 kts
Maneuvering Speed158 kts
Stall Speed at 1,543 lbs/699.9 kg
.....55 kts
Stall Speed at 2,095 lbs/950.3 kg
.....60 kts

◆ Certification Basis

FAR Part 23/JAA

