

## 300 Series



# EA-300 SP

### ■ Options

#### CONFIGURATION

Single-seat, low-wing aerobatic monoplane with conventional (taildragger) low wing gear.

#### AIRFRAME

Fuselage Assembly, 1.7734 Steel  
Carbon Fiber Wing Assembly with integral Tank  
Carbon / Glass Hybrid Composite Empennage Structure  
Fiberglass Landing Gear Spring  
Choice of Steerable, lightweight Tailwheel or Soft Tailwheel  
Bubble Canopy  
Lightweight "Performance" Shells and Fairings Package

#### SYSTEMS

Electric Stall Warning System  
Pitot Static System Drain  
65 Amp Alternator  
12 V Battery  
Strobe / Navigation Lights at Wing Tips  
Trickle Charger Socket  
Smoke System with Automatic Filling System

- Alternate Static Port
- Glider Air Tow System
- External Power Receptacle AN2552-compatible

#### POWERPLANT AND PROPELLER

Lycoming AEIO-540 L1B5, 300 hp 6-cylinder Engine  
Gomolzig, 6 in 1 Exhaust System  
Lightweight Single Oil Cooler System  
Lightweight Hose Kit, Teflon, with integrated Fire Sleeves  
Muehlbauer, MTV 9-B-C / C200-15, 3-blade Propeller  
Electric Starter  
Two Fuel Pumps (1 engine-driven, 1 electric)

- Muehlbauer, MTV 14-B-C / C190-17, 4-blade Propeller
- Lycoming-recommended Cold Weather Kit

#### COCKPIT

Adjustable Composite Seat, Contour Molded  
Manually Adjustable Rudder Pedals with differential Toe Brakes  
Hooker Safety Harness with Ratchet  
2 Bezel-operated Air Vents

- Electrically Adjustable Rudder Pedals with differential Toe Brakes
- Leather Seat Upholstery
- Rear Airframe Lexane Tray

#### EQUIPMENT

Left-hand and Right-hand Sighting Devices 45° / 90°

- Polyurethane Elevator Protection

## EXTRA

1653 Lititz Pike, #504 • Lancaster, PA 17601-6507  
tel: 717-394-9797 • fax: 717-394-5106  
[www.ExtraAircraft.com](http://www.ExtraAircraft.com)

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## ■ Options

### PANEL INSTRUMENTATION

Aerobatic (carbon panel)  
Airspeed Indicator  
Altimeter  
Mechanical Accelerometer  
Magnetic Compass  
Manifold Pressure / Fuel Flow  
Oil Pressure / Temp Indicator  
Fuel Gauges Center Main Tank / Wing Tank  
Digital Tach with Engine Hour Meter  
CHT / EGT Gauge  
Alternator Warning Light  
Ammeter  
Aresti Card Holder  
Power Socket, 12 V, fused

#### *Instrumentation Options*

- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Engine Analyzer, JPI FS450, JPI EDM-700 or JPI EDM-800
- Starter Warning Light

### NAVIGATION AND COMMUNICATIONS

#### *Standard Equipment*

Microphone and Headphone Sockets  
COM, Antenna, in Vertical Stabilizer, w/Wiring  
Avionics  
COM: Becker AR 4201 with PTT Intercom  
XPDR: Becker BXP 6401-2 Mode A / C / S with ext. Alt. Encoder  
■ ELT: Emergency Locator Transmitter ACK Mod. E-01

### ACCESSORIES

Tie-down Rings  
■ 220V and 110V Battery "Trickle" Charger Systems  
■ External Power Cable, extra long (4.5m / 15ft), AN2552 plug  
■ Canopy Lock

### EXTERIOR

Standard External Paint Scheme with three Certified Colors  
■ Customer Paint Scheme

### AIRCRAFT DIMENSIONS

Wingspan ..... 26 ft 3 in / 7.5 meters  
Length..... 22 ft 10 in / 6.7 meters  
Height..... 8 ft 7 in / 2.6 meters  
Wing Area ..... 111.9 sq ft / 10.4 square meters  
FAA/EASA Certified Load Factor ..... +/- 10 g

### WEIGHTS

Typ. Equipped Empty Weight..... 1,387 lbs / 629 kg  
MTOW Normal Category..... 2,028 lbs / 920 kg  
MTOW Acrobatic Category ..... 1,808 lbs / 820 kg

### AIRSPEEDS

Never-exceed Speed (Vne) ..... 220 kts  
Maneuvering Speed ..... 158 kts  
Stall Speed at 1,808 lbs / 820 kg ..... 55 kts  
Stall Speed at 2,028 lbs / 920 kg ..... 59 kts

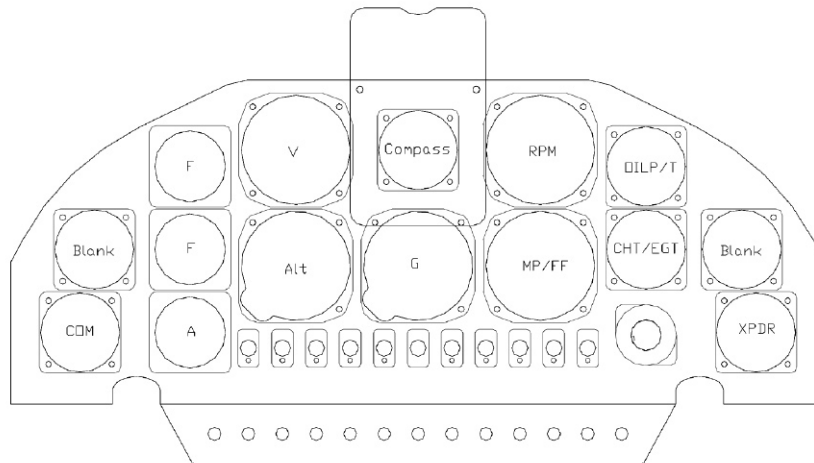
### FUEL

Total capacity ..... 45.1 gals / 171 liters  
Usable Fuel ..... 44.6 gals / 169 liters  
Usable Fuel - Acro Tanks Only ..... 12.9 gals / 49 liters

*\*Specifications subject to change without notice*

**EXTRA**  
AIRCRAFT

[www.ExtraAircraft.com](http://www.ExtraAircraft.com)



## Standard Equipment

### FLIGHT INSTRUMENTATION

- Airspeed Indicator (kts)
- Altimeter (ft, inHg / hPa)
- Mechanical Accelerometer
- Magnetic Compass
- Aresti Card Holder

### ENGINE/FUEL SYSTEMS

- Manifold Pressure / Fuel Flow
- Oil Pressure / Temp Indicator
- Fuel Gauges Center Main Tank / Wing Tank
- Digital Tach with Engine Hour Meter
- CHT / EGT Gauge

### ELECTRICAL SYSTEM

- Alternator Warning Light
- Ammeter
- Power socket, 12 V, fused

### NAVIGATION AND COMMUNICATION

- COM: Becker AR 4201 with PTT Intercom
- XPDR: Becker BXP 6401-2 Mode A / C / S with ext. Alt. Encoder

## Optional Equipment

### OPTIONS

- Metric Airspeed and Altitude Indicators
- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Fuel Scan, JPI FS450 (Fuel Flow)
- Engine Monitor, EDM-700, (EGT / CHT), incl. Fuel Flow
- Engine Monitor, EDM-800, (EGT / CHT, Fuel Flow, OAT, MAP, RPM, % power), incl. Oil Temp.
- Starter Warning Light
- Emergency Locator - ELT, ACK Mod. E-01, w/remote switch



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