

## 300 Series



# EA-300L

### ■ Options

#### CONFIGURATION

Two-seat, tandem arrangement, low-wing aerobatic monoplane with conventional (taildragger) landing 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  
Two-seat Bubble Canopy

- Single-seat Bubble Canopy
- Lightweight Shells and Fairings Package
- Brake Fairings

#### SYSTEMS

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

- Alternate Static Port
- Glider Air Tow System
- Smoke System with Automatic Filling System
- External Power Receptacle AN2552-compatible
- Cabin Heater

#### POWERPLANT AND PROPELLER

Lycoming AEIO-540 L1B5, 300 hp 6-cylinder Engine  
Gomolzig, 6 in 1 Exhaust System  
Twin Oil Cooler System  
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
- Lightweight Hose Kit, Teflon, with integrated Fire Sleeves
- Lycoming-recommended Cold Weather Kit

#### COCKPIT

Fixed Composite Front Seat, Contour Molded  
Adjustable Composite Rear Seat, Contour Molded  
Forward Rudder Pedals with differential Toe Brakes  
Electrically Adjustable Rear Rudder Pedals with differential Toe Brakes  
Front and Rear Seat Hooker Safety Harness with Ratchet  
2 Front and 2 Rear Bezel-operated Air Vents

- Leather Seat Upholstery front and rear
- Rear Airframe Lexane Tray

#### EQUIPMENT

- Polyurethane Wing Walk Protection
- Polyurethane Elevator Protection
- Left-hand and Right-hand Sighting Devices 45° / 90°

#### FRONT PANEL INSTRUMENTATION

Airspeed Indicator  
Altimeter

- Metric Airspeed and Altimeter
- Slip and Skid Indicator upright and/or inverted flight
- Analog Accelerometer

# EXTRA

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

# 300 Series

## ■ Options

### REAR PANEL

Panel Layout: Aerobatic (Aluminum)

- Aerobatic L Panel Layout (with GPS Option)
- Touring L Panel Layout (with Gyro and GPS Options)
- Touring XL Panel Layout (with NAV, Gyro and GPS Options)

#### Rear Panel Instrumentation

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

Digital Volt / Ammeter

#### Options (Aerobatic Panel Layout)

- Aresti Card Holder
- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Engine Analyzer, JPI FS 450, JPI EDM-700 or JPI EDM-800
- Starter Warning Light
- Power Socket, 12 V, fused
- Vertical Speed Indicator

### NAVIGATION AND COMMUNICATIONS

#### Standard Equipment (All Panel Layouts)

Microphone and Headphone Sockets

ICS Push-to-Talk Wiring Front and Rear Seats

COM Antenna, in Vertical Stabilizer, w/Wiring

NAV Antenna, in Horizontal Stabilizer, w/Wiring

#### Avionics (Aerobatic Panel Layout)

COM: Becker AR 4201 with PTT Intercom

XPDR: Becker BXP 6401-2 Mode A / C / S with ext. Alt. Encoder

- ICS: High Noise Intercom with VOX and PTT Functionality
- 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
- Canopy Cover with Extra Logo

### EXTERIOR

Standard External Paint Scheme with three Certified Colors

- Customer Paint Scheme

### 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/EASA Certified Load Factor .....	+/- 10 g

### WEIGHTS

Typ. Equipped Empty Weight .....	1,480 lbs / 672 kg
MTOW Normal Category (+6/-3g) .....	2,095 lbs / 950 kg
MTOW Two-pilot Acro (+8/-8g) .....	1,918 lbs / 870 kg
MTOW Single-pilot Acro (+10/-10g) .....	1,808 lbs / 820 kg

### AIRSPEEDS

Never-exceed Speed (Vne) .....	220 kts
Maneuvering Speed .....	158 kts
Stall Speed at 1,543 lbs / 700 kg .....	55 kts
Stall Speed at 2,095 lbs / 950 kg .....	60 kts

### FUEL

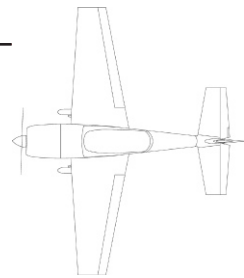
Total Capacity .....	45.1 gals / 171 liters
Usable Fuel .....	43.7 gals / 166 liters
Usable Fuel - Acro Tanks Only .....	12 gals / 45 liters

\*Specifications subject to change without notice

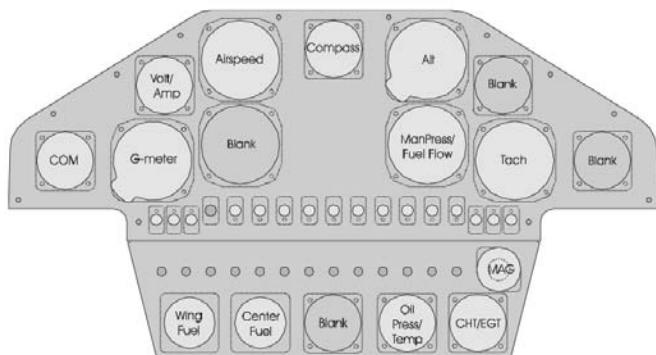
**EXTRA**  
AIRCRAFT

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

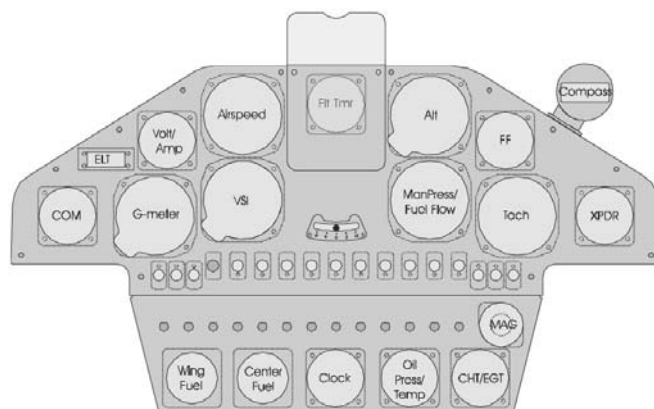
# 300L COCKPIT PACKAGES



## AEROBATIC PANEL (ALUMINUM)



## AEROBATIC FULL-OPTIONS PANEL



## Standard Equipment

### FLIGHT INSTRUMENTATION

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

### 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
- Digital Volt/Ammeter

### AEROBATIC PANEL 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

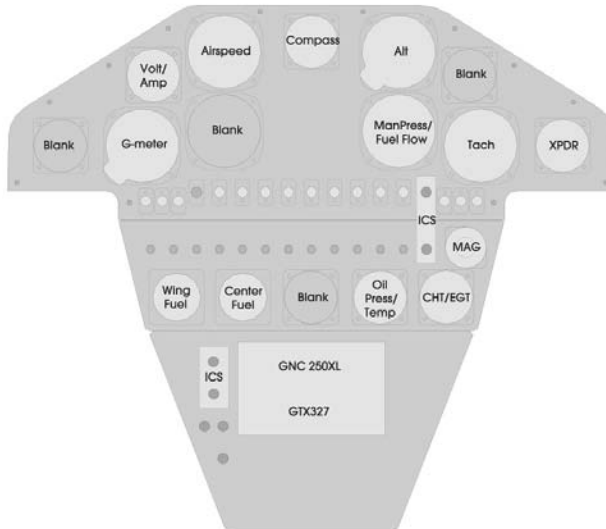
- Metric Airspeed and Altitude Indicators
- Aresti Card Holder
- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Vertical Speed Indicator
- Fuel Scan, JPI FS450 (Fuel Flow)
- Engine Monitor, EDM-700, (EGT / CHT), incl. Fuel Flow
- Engine Monitor, EDM-800, (EGT / CHT, Fuel Flow, OAT, MAP, RPM, % power), incl. Oil Temp.
- Starter Warning Light
- Power socket, 12 V, fused

### AEROBATIC PANEL NAVIGATION AND COMMUNICATION

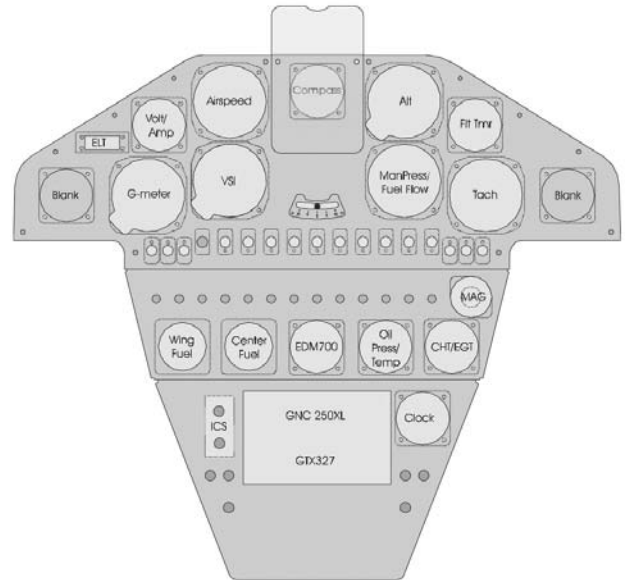
- Intercom System (not LP) - ICS, PM 1200 R Intercom, High Noise VOX / ICS, w/emergency bypass
- Emergency Locator - ELT, ACK Mod. E-01, w/remote switch

# AEROBATIC<sup>L</sup>

## AEROBATIC L PANEL



## AEROBATIC L FULL-OPTIONS PANEL



## Standard Equipment

### FLIGHT INSTRUMENTATION

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

### 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
- Digital Volt / Ammeter

### AEROBATIC L PANEL NAVIGATION AND COMMUNICATION

- GPS/COM
- GPS/COM, Garmin GNC 250XL, w/antenna
- Transponder
- XPDR Garmin GTX 330, Mode A / C, w/antenna
- Intercom System - ICS, PM1200 R Intercom, High Noise VOX / ICS, w/emergency bypass

## Optional Equipment

### AEROBATIC L PANEL OPTIONS

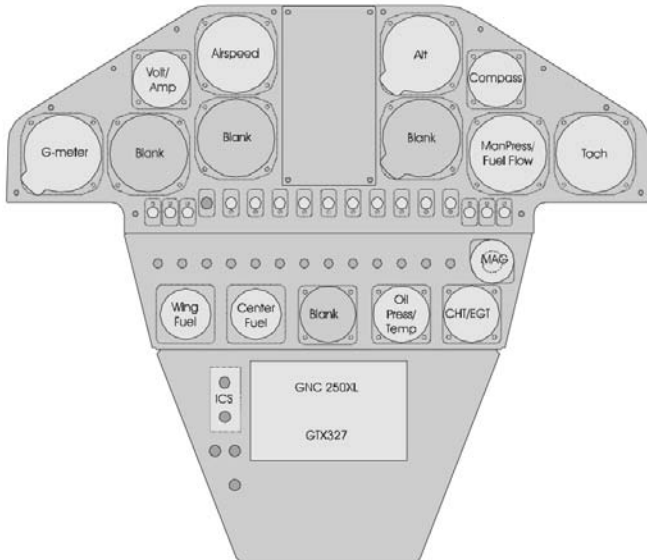
- Metric Airspeed and Altitude Indicators
- Aresti Card Holder
- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Vertical Speed Indicator
- Fuel Scan, JPI FS450 (Fuel Flow)
- Engine Monitor, EDM-700, (EGT / CHT), incl. Fuel Flow
- Engine Monitor, EDM-800, (EGT / CHT, Fuel Flow, OAT, MAP, RPM, % power), incl. Oil Temp.
- Starter Warning Light
- Power socket, 12 V, fused

### AEROBATIC L PANEL NAVIGATION AND COMMUNICATION

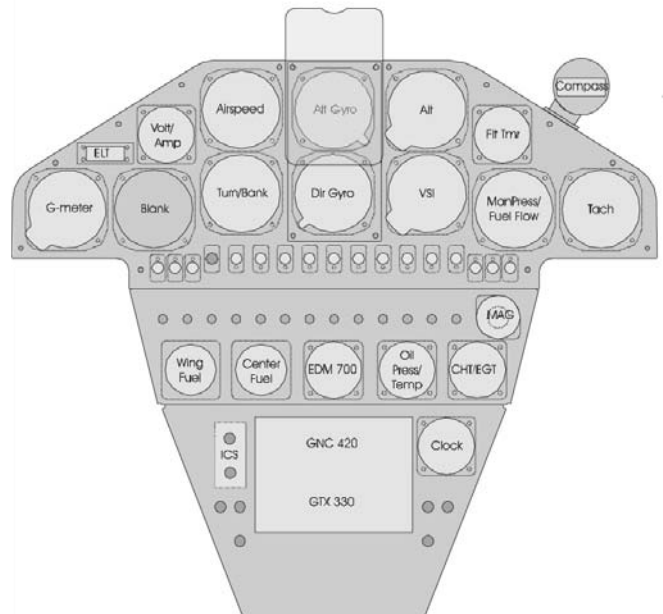
- GPS / COM, Garmin GNC 420, w/antenna
- XPDR Garmin GTX 327, Mode A/S, w/antenna
- Emergency Locator - ELT, ACK Mod. E-01, w/remote switch

# TOURING<sup>L</sup>

## TOURING L PANEL



## TOURING L FULL-OPTIONS PANEL



## Standard Equipment

### FLIGHT INSTRUMENTATION

- Airspeed Indicator (kts)
- Altimeter (ft, inHg / hPa)
- Mechanical Accelerometer
- Magnetic Compass
- Gyro Preparation, removable Gyro Panel

### 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
- Digital Volt / Ammeter

### TOURING L NAVIGATION AND COMMUNICATION

- GPS / NAV / COM
- GPS / COM, Garmin GNC 250XL, w/antenna
- Transponder
- XPDR Garmin GTX 327, Mode A/S, w/antenna
- Intercom System - ICS, PM1200 R Intercom, High Noise VOX / ICS, w/emergency bypass

## Optional Equipment

### TOURING L PANEL OPTIONS

- Metric Airspeed and Altitude Indicators
- Aresti Card Holder
- Compass Relocation
- Digital Clock
- Flight Timer
- Slip and Skid Indicator
- Slip and Skid Indicator, inverted flight, w/holder if req'd.
- Vertical Speed Indicator
- 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.
- Directional Gyro and Artificial Horizon
- Turn and Bank
- Starter Warning Light
- Power Socket, 12 V, fused

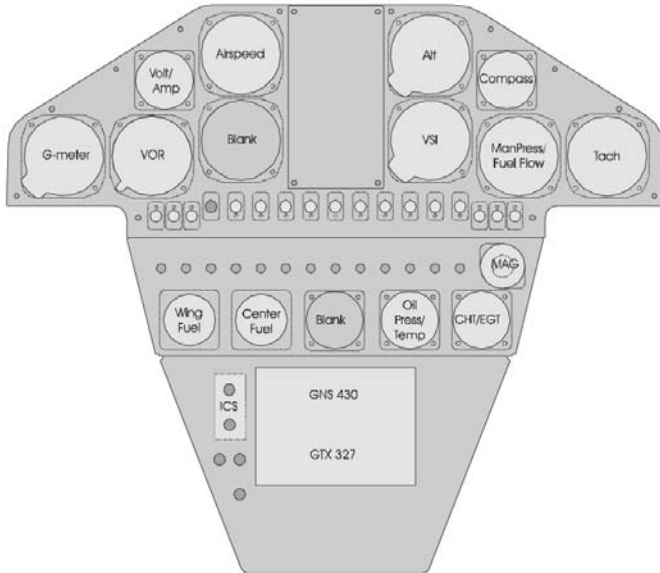
### TOURING L NAVIGATION AND COMMUNICATION

- GPS/COM, Garmin GNC 420, w/antenna
- XPDR Garmin GTX 330, Mode A / C, w/antenna
- Emergency Locator - ELT, ACK Mod. E-01, w/remote switch

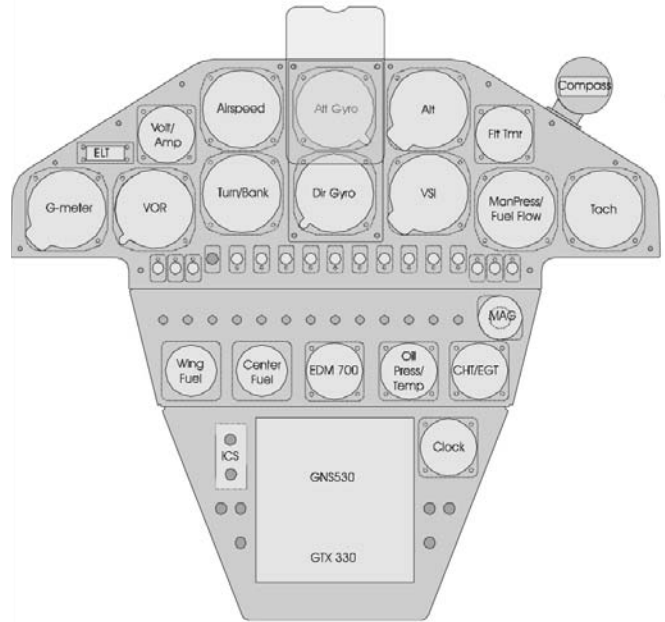


# TOURING<sup>XL</sup>

## TOURING XL PANEL



## TOURING XL FULL-OPTIONS PANEL



## Standard Equipment

### FLIGHT INSTRUMENTATION

- Airspeed Indicator
- Altimeter
- Mechanical Accelerometer
- Magnetic Compass
- Gyro Preparation, removable Gyro Panel
- Vertical Speed Indicator

### ENGINE/FUEL SYSTEMS

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

### ELECTRICAL SYSTEM

- Alternator Warning Light
- Digital Volt / Ammeter

### TOURING XL NAVIGATION AND COMMUNICATION

- GPS / NAV / COM
- GPS / COM, Garmin GNS 430, w/antenna
- Transponder
- XPDR Garmin GTX 327, Mode A / S, w/antenna
- CDI / GS Indicator - CDI / GS, Garmin GI 106A
- Intercom System - ICS, PM 1200 R Intercom, High Noise VOX / ICS, w/emergency bypass

## Optional Equipment

### TOURING XL PANEL OPTIONS

- Metric Airspeed and Altitude Indicators
- Aresti Card Holder
- 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.
- Directional Gyro and Artificial Horizon
- Turn and Bank Indicator
- Starter Warning Light
- Power Socket, 12 V, fused

### TOURING XL NAVIGATION AND COMMUNICATION

- GPS / COM, Garmin GNS 530, w/antenna
- XPDR Garmin GTX 330, Mode A / C, w/antenna
- Emergency Locator - ELT, ACK Mod. E-01, w/remote switch