

Extra EA-400 Standard Specification



Powerplant and Propeller

Continental Motors TSIOL 550-C 350 BHP,
Liquid-Cooled, Turbo-Charged, Inter-Cooled,
Fuel Injected, Dual Ignition with Pressurized
Magnetos and Shielded Ignition Harness
Tuned Exhaust System
MT Composite 4 Blade. Constant Speed,
Propeller 76.7 in dia.
24-Volt Direct Drive Starter Motor
Full Flow Oil Filter
Oil Cooler with Thermostatic Control
Alternate Induction Air
Dual Vacuum Pumps

Avionics

Garmin GNS 530 Color LCD Multi Function
Display GPS/Nav/Com
Garmin GNS 430 Color LCD Multi Function
Display GPS/Nav/Com with GI-106A Nav
Indicator with Glide Slope
Garmin GMA 340 Audio Panel with
Marker Beacons and 6-place intercom
Garmin GTX 327 Transponder
Honeywell EHSI ED461 EFIS
Honeywell EADI EFIS Attitude Indicator
LITEF LCR-92/CCU EA-855II Laser Gyro Platform
STEC-55X Autopilot with Altitude and Vertical
Speed Pre-Select with STEC Auto and
Command Electric Trim System, and STEC
Electronic Yaw Trim System
Co-Pilot Instruments – Airspeed, Attitude
Indicator, Altimeter, Directional Gyro
Dual Bose Series X Pilot and Copilot Headsets
Six Place Bose Series X Headset Interfaces
Push To Talk – Pilot and Co-Pilot Switches

Airframe

FAA Known Ice Certified
De-ice Protection – Goodrich
Pneumatic Estane (Silver) Boots
Heated Prop
Pilot Side Heated Windscreen
Heated Pitot Tubes and Stall Vane

Performance

Range (w/ reserve)	1060 nm
Cruise Fuel Burn	23 gal/hr
Takeoff Distance, Ground Roll (@ MTOW-ISA S.L.)	1,640 ft
Takeoff Distance Over 50-ft Obstacle (@ MTOW-ISA S.L.)	2,820 ft
Normal Demonstrated Crosswind Component	20 kts
Rate of Climb (@ MTOW-ISA S.L.)	1,070 fpm
Cruise Speed/Endurance (ISA)	
@ 75% Power, Best Power	212 kts/4.4 hr
20,000 ft	131.7 pph/21.9 gph
@ 65% Power, Best Economy	188 kts/6.2 hr
20,000	92.9 pph/15.4 gph
Maximum Operating Altitude.	25,000 ft
Landing Distance Over 50-ft Obstacle (@ MTOW-ISA S.L.)	2,050 ft
Landing Distance, Ground (@ MTOW-ISA S.L.)	900 ft

Exterior

All Exterior Paint Colors, Stripes and N Number
to Customer Specification

Fuel System

Dual Integral Wet Wing Fuel Tanks 107 Gal. Usable
Engine Driven Fuel Pump
Electric Fuel Pump
Fuel Quick Drains
Low Fuel Sensors

Flight Instruments and Indicators

Dual Airspeed Indicators
Vertical Speed Indicator
Turn Coordinator
KEA-130A Encoding Altimeter - Pilot
Standard Altimeter - Co-Pilot
Magnetic Compass
Benz-Micro Aircraft Chronograph on Pilot Yoke
Master Warning Panel and Annunciator Panel
Moritz Digital Engine Instrumentation System

- Manifold Pressure
- Propeller RPM
- Oil Temperature
- Oil Pressure
- Fuel Pressure
- Turbo Inlet Temperature (TIT)
- Coolant Temperature
- Outside Air Temperature
- Exhaust Gas Temperature
- Fuel Quantity Left and Right
- Alcore Cylinder Head Temperature

Electrical and Lighting Systems

28-Volt 100 and 85 AMP Alternators
24-Volt Battery
Dual Heated Pitot Heads
Resettable-Type Circuit Breakers
GPU Accessory Panel
Dual Cockpit Dome Lights
Instrument Panel Lighting
Multiple LED Eyebrow Flood Lights
Four Overhead Cabin Reading Lights
Ice Detection Light
Wingtip Navigation and Strobe Lights
Wing Mounted Recognition Lights
Engine Cowl Landing Light
"Maglite" Emergency Flash Light



Cockpit, Flight and Ground Controls

Dual Control Wheel Yoke
Dual Electric Elevator Trim
Steerable Nose Wheel
Pilot and Co-Pilot Tow Brakes
Parking Brake
Fully Enclosed Hydraulic Retractable Landing Gear
Landing Gear Warning Horn and Position Lights
Preset Electrical Wing Flaps w/ Position Indicator
Fuel Selector Valve
Alternate Instrument Static Source
Emergency Gear Extension System
Pointer 3000 ELT

Cockpit and Cabin

Dual Cabin Heating and Defrosting System with
Ventilation Fan
DC Powered Air Conditioning System with
External Remote Activation Control
Cabin Air Exhaust Vent
Four Cabin Fresh Air Vents
Six Place Intercom
Cabin Length 13 ft 6 in
Cabin Width 4 ft 7 in
Cabin Height 4 ft
Standard Useful Load 1,150 lb

Interior

- Four Way Adjustable Pilot and Co-Pilot Seats
- Medium Gray Leather Seats
- Light Gray Arm Rests
- Retractable Shoulder Harness
- Alcantara Ultra Suede Light Gray Headliner and Sidewalls
- Medium Gray and Dark Gray Checkerboard Wool Blend Carpet
- Stow Away Writing Desk



Available Optional Equipment

Interior Color Selections & A/V Equipment
Thommen Encoding Drum Altimeter - Pilot
Honeywell RDR 2000 Weather Radar
Honeywell KDM-706A Remote DME
Garmin GTX-330 Mode S Transponder
Garmin GDL-49 Satellite DataLink
Aircell AGT.02 Voice/Data System
L3 Communications Skywatch TCAS



Extra EA-400 Optional Equipment List

(Proposed Optional Equipment Subject to Availability and Certification)

EXTRA

Avionics:

Skywatch Traffic Avoidance System
Shadin Air-Data Computer
EDM-800 Graphic Engine Monitor with Data Record Feature
Encoding drum altimeter
Weather

- Radar - Honeywell RDR-2000 Color Radar
- Data Link Weather - Garmin GDL-49 Weather Uplink System

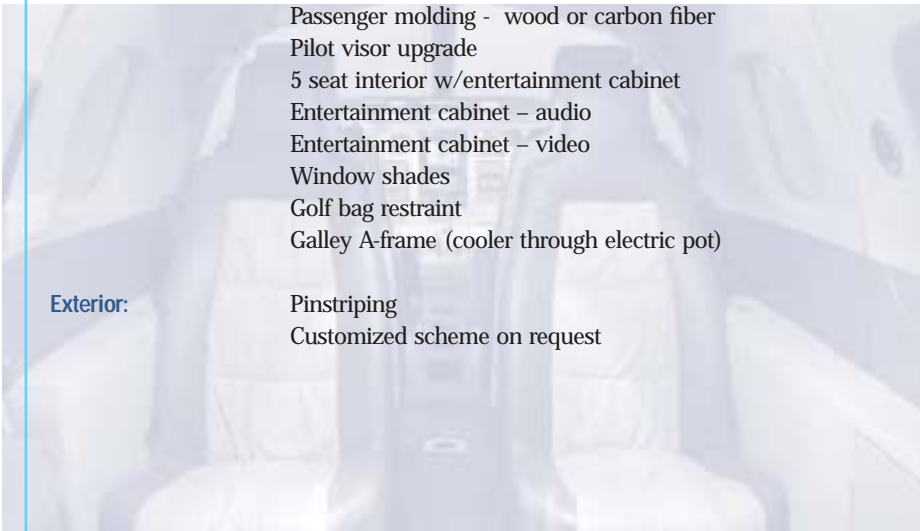
Aircell Voice and Data Communication System
DME - Honeywell KN62 - Remote Mount
Transponder

- 2nd Garmin - GTX-327
- Mode S System - Garmin GTX-330



Interior:

Winter package - cabin & engine preheat
Pilot passenger curtain
Passenger molding - wood or carbon fiber
Pilot visor upgrade
5 seat interior w/entertainment cabinet
Entertainment cabinet – audio
Entertainment cabinet – video
Window shades
Golf bag restraint
Galley A-frame (cooler through electric pot)



Exterior:

Pinstriping
Customized scheme on request

