

Turbo Stationair. Specification & Description

Turbo Stationair Equipment List

The following list of equipment is included on the standard aircraft and it does not reflect optional equipment.

AVIONICS:

GDU-1044B Primary Flight Display (PFD)
GDU-1044B Multi-function Display (MFD)
GMA-1347 Digital Audio Panel w/Marker Beacon/Intercom
Marker Beacon Antenna
GIA-63W NAV/COM/GPS/WAAS w/GS #1
GIA-63W NAV/COM/GPS/WAAS w/GS #2
VHF/GPS Antenna
VHF/GPS/XM Antenna
NAV Antenna
GTX-33 Transponder - Mode S w/TIS
Transponder Antenna
GEA-71 Engine/Airframe Computer
• CHT/EGT Sensors - All Cylinders
• Fuel Flow Meter
• Manifold/Tachometer/Vacuum Sensors
GRS-77 AHRS
GDC-74 Air Data Computer w/OAT Probe
GMU-44 Magnetometer
GFC – 700 Autopilot
• Go Around Switch
• Control Wheel Steering ME406 Two Frequency Emergency Locator Transmitter
GDL-69A Flight Information System (FIS) w/XM Radio
Emergency Locator Transmitter External Antenna
Emergency Locator Transmitter Remote Mounted Switch
WX-500 Stormscope
NY-163 Stormscope Antenna
Auxiliary Stereo Input Jack
Avionics Circuit Breaker Panel
Control Wheel Push-To-Talk Switch - Pilot/Copilot
Mic & Phone Jacks - Pilot/Copilot/Passengers
Auxiliary Stereo Input Jack
Single Engine Driven Vacuum Pump System
Backup Mechanical Instruments
• Attitude (Vacuum Gyro)
• Airspeed
• Altimeter
Magnetic Compass
Pitot System - Heated
Static System
Alternate Static Source
Audible Stall Warning System – Heated

ELECTRICAL POWER:

Alternator, 28 Volt, 95 Amp
Battery, 24 Volt, 15.5 AH, Manifold Type
Standby Battery, 24 volt 6.2 AH
Standby Battery Controller

Electrical Circuit Panel

- Ignition & Starter Switch, Key Operated
- Alternator/Battery Master Switch
- Split Avionics Master Switch
- Circuit Breakers, Electrical
- Switch Breakers, Electrical

Electrical J-Box

- Alternator Control Unit
- Battery Current Sensor

- Ground Service Receptacle
 - Starter Relay
 - Alternator Relay
 - Battery Relay
 - Ground Power Relay
- Propeller De-ice Timer (turbocharged models)
Auxiliary Power Jack -12 Volt (fore & aft)

ENGINE INDICATION SYSTEM (ELECTRONIC):

Ammeter
Voltmeter
Vacuum
Manifold Pressure
Oil Pressure and Temperature
Tachometer - Hour Recorder
Fuel Flow (GPH)
LH/RH Fuel Quantity
CHT - Cylinder Head Temperature
TIT - Turbin Inlet Temperature (Turbocharged)
Flight Hour Recorder
Electronic Checklists

ANNUNCIATION - CAUTION AND WARNING ALERTS (PFD)

- LH & RH Low Fuel
- Low Vacuum
- Low Oil Pressure
- Low Voltage
- Standby Battery
- Pitch Trim
- Self Test Message Advisories
- Traffic (standard TIS)
- Propeller Heat

ENVIRONMENTAL:

Windshield Defroster, Pilot/Copilot
Ventilator, Adjustable (6 places)
Heating System, Shrouded Muffler w/Firewall Valve
Insulation / Soundproofing
Carbon Monoxide Detection System
Oxygen System
• Oxygen Bottle - 76 Cu. Ft.
• Oxygen Ports w/Masks - Pilot/Copilot/Passengers
• Oxygen Indicator - Overhead Console

EXTERIOR:

Epoxy Corrosion Proofing, All Structure
LH Door, Pilot w/Hinged Window, Lock and Key
Openable Window - RH (Copilot)
RH Cargo Door, w/Lock and Key
Rear Window
All Windows Tinted
Fixed Landing Gear
White Polyurethane Exterior Paint
Refueling Steps and Handles, Wing Struts and Fuselage
Fixed Cabin Entrance Steps
Tie Down Rings, LH/RH Wing & Tail
Tube Type Tires
• Nose - 5.00 X 5
• Mains - 6.00 X 6
Conical Camber Wing Tip
Strut Braced, Camber Lift Wings
Static Wicks

EXTERIOR LIGHTS:

Ground Recognition - Vertical Tail, Reduced Drag
Navigation, LH/RH Wing Tip & Tail
Navigation Light Detectors, LH/RH
Wing Tip Strobe, LH/RH
High Intensity Discharge (HID) Landing and Taxi Lights, LH Wing

- HID Electronic Ballast
- Underwing Courtesy, LH/RH

FLIGHT CONTROLS:

Hydraulic Brakes, Toe-Operated
Parking Brake
Stainless Steel Control Cables
Dual Flight Controls- Aileron/Elevator/Rudder
Leather Wrap Control Wheels, All Purpose Pilot/Copilot
Pilot Control Wheel

- Pitch Trim
- AP Disconnect
- Control Wheel Steering

Elevator Trim - Manual/Electric - KAP-140 Autopilot
Rudder Trim - Manual
Electrical Preselect - Flaps
Steerable Nose Wheel
Aileron and Elevator Lock

FUEL SYSTEM:

Electric Auxiliary Fuel Pump
Engine Driven Fuel Pump
Integral Wet Wing Fuel Tanks, 87 Gal. Usable
Fuel Selector Valve, Left/Both/Right/Off
Fuel Strainer, Incorporated with Fuselage Quick Drain
Fuel Tank Quick Drain, 5 per wing
Fuel Sampler Cup
Fuel Vapor Return System

INTERIOR:

General interior color scheme is Taupe/Charcoal
Kydex door sidepanel - decorative fabric inserts
Leather Seating Surfaces w/Perforated Leather Insert w/Vinyl trim
Vinyl grip flooring in crew area
Carpeting in passenger area
Cup Holders - Pilot/Copilot/Passenger
Jepp Map Storage Console w/Cup Holders
Approach Plate Holder, Pilot Control Wheel
Armrests - Pilot & Copilot Doors/Passenger Side Panels
Amsafe Inflatable Seat Belts & Shoulder Harness STC, Inertia Reel, Pilot,
Copilot, Passenger 3 & 4 Seats

Pilot and Copilot Seats

- Adjustable Fore and Aft
- Reclining Backs
- Vertical Adjustment

Rear, Passenger 3 and 4 Seats (Removable)

- Adjustable Fore & Aft
- Reclining Backs

Rear, Passenger 5 and 6 Bench Seat (Removable)

- Flat Folding

Pilot's Check List
Pilot's Operating Handbook
Fire Extinguisher, Hand Held
Instrument Panel Glareshield
Clothes Hanger Bar
Metal Instrument Panel, w/Removable Stby. Instr. Subpanel
Map/Glove Compartment
Baggage Net
Radio Call Plate
Map & Storage Pockets
Cabin Door Scuff Plates
Rosen Sun Visors, Pilot & Copilot
Tow Bar

INTERIOR LIGHTING:

LED Pilot/Copilot Cabin Overhead LED Lights
LED Passenger Overhead Lights
Interior Lights Dimming Control
Map Light, Pilot Control Wheel

Sub-Panel Lighting (LED Backlighting)

- Flaps
- Throttle
- Mixture
- Propeller
- Environmental Controls (Air and Heat)

Switch Panel Lighting (LED Backlighting)

- Avionics and Master Switches
- Dimming Reostats
- Landing, Taxi and Nav Switches
- Standby Battery Switch
- Beacon, Strobe, Boost Pump, Pitot Heat, Prop Heat
- 12 Volt Cabin Power

LCD Lighted Glass Panel Displays:

- Electronic Flight Instruments
- Electronic Avionics Instruments
- Electronic Engine Instruments

Audio Panel (Backlighting)

LED Lighted Switch Panel

Radio Call Plate (Backlighting)

LED Lighted Circuit Breaker Panel

Compass Internally Lighted

Standby Attitude, Altimeter, Airspeed Internally Lighted

POWER PLANT AND ACCESSORIES:

Lycoming TIO-540-AJ1A Engine

310 HP @ 2500 RPM

Certified for 100LL & 100 Fuel

Turbocharging System (Fully Automatic)

Fuel Injection System

Tubular Steel Engine Mount

Bed Dynafocal Engine Mounting System

Automatic Alternate Engine Air

Oil Cooler

Rigid - Mounted Cowling

Manual Cowl Flaps

Induction Air Filter

Full Flow Oil Filter

Throttle Control

Vernier Mixture Control

Vernier Propeller Control

Manual Cowl Flaps

Dual Ignition System, Shielded Magneto

Engine Exhaust Muffler

McCauley Constant Speed, 3 Blade Metal Propeller w/De-ice Boots

Propeller Governor

Propeller Spinner, Polished

Electric Starter