

Turbo Skylane. Specification & Description

Turbo Skylane 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
- Auxiliary Power Jack -12 Volt (fore & aft)
Propeller De-ice Timer

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 - Turbine Inlet Temperature
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
Ventilator, Adjustable (6 places)
Heating System, Shrouded Muffler w/Firewall Valve
Insulation / Soundproofing
Carbon Monoxide Detection System
Oxygen System

- Oxygen Bottle - 50 Cu. Ft.
- Oxygen Ports w/Masks - Pilot/Copilot/Passengers
- Oxygen Indicator - Overhead Console
- Oxygen Remote Shut-off Valve Control – Overhead Console

EXTERIOR:

Epoxy Corrosion Proofing, All Structure
LH Door, Pilot w/Hinged Window, Lock and Key
RH Door, Copilot w/Hinged Window
Baggage Door, w/Lock and Key
Rear Window
All Windows Tinted
Gear Jack Pads
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

Rudder Trim - Manual

Electrical Preselect - Flaps

Steerable Nose Wheel

Aileron and Elevator Control 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

Amsafe Inflatable Seat Belts & Shoulder Harness STC, Inertia Reel, All Seats

Pilot and Copilot Seats

• Adjustable Fore and Aft

• Reclining Backs

• Vertical Adjustment

Rear Seat Bench w/Individual Reclining Back

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

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 Backlighted)

• 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

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-AK1A Engine

235 HP @2400 RPM

Certified for 100LL & 100 Fuel

Turbocharging System (Fully Automatic)

Fuel Injection System

Tubular Steel Engine Mount

Dynafoal Rear Engine Mount

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

Dual Ignition System, Shielded Magneto

Engine Exhaust Muffler

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

Propeller Governor

Propeller Spinner, Polished

Electric Starter