

Skylane. Specification & Description

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 6.2AH
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)

ENGINE INDICATION SYSTEM (ELECTRONIC):

Ammeter
 Voltmeter
 Vacuum
 Manifold Pressure
 Oil Pressure/Temperature
 Tachometer - Hour Recorder
 Fuel Flow (GPH)
 LH/RH Fuel Quantity
 CHT - Cylinder Head Temperature
 EGT - Exhaust Gas 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)

ENVIRONMENTAL:

Windshield Defroster, Pilot
 Ventilator, Adjustable (6 places)
 Heating System, Shrouded Muffler w/Firewall Valve
 Insulation / Soundproofing
 Carbon Monoxide Detection System

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/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 Control - 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 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 - 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 Backlighting)

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

Switch Panel Lighting (LED Backlighted)

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

LCD Lighted Glass Panel Displays:

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

Audio Panel (Backlighted)

LED Lighted Circuit Breaker Panel

Radio Call Plate (Backlighted)

LED Lighted Circuit Breaker Panel

Compass Internally Lighted

Standby Attitude, Altimeter, Airspeed Internally Lighted

POWER PLANT AND ACCESSORIES:

Lycoming IO-540-AB1A5 Engine

230 HP @2400 RPM

Certified for 100LL & 100 Fuel

Fuel Injection System

Tubular Steel Engine Mount

Dynafoal Rear Mount

Automatic Alternate Engine Air

Oil Cooler

Rigid - Shock 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

Propeller Governor

Propeller Spinner, Polished

Electric Starter