

# Skyhawk SP. Specification & Description

## Skyhawk SP Equipment List

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

### **AVIONICS:**

GMA-1347 Digital Audio Panel w/Marker  
Beacon/Intercom  
Marker Beacon Antenna  
GTX-33 Transponder-Mode S w-TIS  
Transponder 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  
GDU-1040 Primary Flight Display (PFD)  
GDU-1040 Multi-Function Display (MFD)  
GEA-71 Engine/Airframe Computer

- CHT/EGT Sensors-All Cylinders
- Fuel Flow Meter
- Tachometer/Vacuum Sensors

GRS-77 AHRS  
GDC-74 Air Data Computer w/OAT Probe  
GMU-44 Magnetometer  
KAP-140 Autopilot-Dual Axis/Altitude  
Preselect/GPS Roll Steering  
Pilot Control Wheel-Pitch Trim Switch/AP Disconnect  
GDL-69A Flight Information System (FIS) w/XM Radio  
ME406 Two Frequency Emergency Locator Transmitter  
Emergency Locator Transmitter External Antenna  
Emergency Locator Transmitter Remote Mounted Switch  
Control Wheel Push-To-Talk Switch-Pilot/Copilot  
Mic & Phone Jacks-Pilot/Copilot/Passengers  
Auxiliary Stereo Input Jack  
LED Lighted Switch Panel  
LED Lighted Circuit Breaker Panel  
Blind Turn Coordinator for KAP-140  
Roll Rate Data  
Backup Single Pump Vacuum System  
Standby Battery Controller  
Standby Battery, 24 volt 6.2 AH  
Backup Attitude Gyro, Airspeed & Altimeter Indicator  
Magnetic Compass  
Pitot System - Heated  
Static System  
Alternate Static Source  
Audible Stall Warning System

### **ELECTRICAL POWER:**

Alternator, 28 Volt, 60 Amp  
Battery, 24 Volt, 12.75 AH, Manifold Type

#### **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
- Ground Service Receptacle
- Battery Current Sensor

- Starter Relay
  - Alternator Relay
  - Battery Relay
  - Ground Power Relay
- Auxiliary Power Jack - 12 Volt

### **ENGINE INDICATION SYSTEM (ELECTRONIC):**

- Ammeter
- Voltmeter
- Vacuum
- Oil Pressure and 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/Copilot
- Ventilator, Adjustable (6 places)
- Heating System, Shrouded Muffler w/Firewall Valve
- 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 Tips
  - Strut Braced, Camber Lift Wings
  - Static Wicks

### **EXTERIOR LIGHTS:**

- Ground Recognition - Vertical Tail
- Navigation, LH/RH Wing Tip & Vertical Tail
- Wing Tip 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 Wing

### **FLIGHT CONTROLS:**

- Hydraulic Brakes, Toe-Operated
- Parking Brake
- Stainless Steel Control Cables

## Pilot/Copilot All Purpose Control Wheels

Pilot control wheel

- Pitch Trim
- AP Disconnect

Electrical Preselect - Flaps

Dual Flight Controls - Aileron/Elevator/Rudder

Steerable Nose Wheel

Aileron and Elevator Lock

Elevator Trim

## **FUEL SYSTEM:**

Electric Auxiliary Fuel Pump

Engine Driven Fuel Pump

Integral Fuel Tanks, 53 Gal. Usable

Fuel Selector Valve, Left/Both/Right

Fuel Shutoff

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, Pilot/Copilot Seats

Seat Belts & Shoulder Harness, Inertia Reel, Passenger Seats

Rear Seat Bench w/One Piece Reclining Back

Passengers, Side Wall

### **Pilot and Copilot Seats**

- Adjustable Fore and Aft

- Reclining Backs

- Vertical Adjustment

Armrests - Pilot & Copilot - Doors

Approach Plate Holder, Pilot Control Wheel

Pilot's Check List

Pilot's Operating Handbook

Fire Extinguisher, Hand Held

Glareshield w/Lighting

Clothes Hanger Bar

Metal Instrument Panel, w/Removable Subpanels

Map/Glove Compartment

Baggage Net

Radio Call Plate

Map & Storage Pockets

Sun Visors, Pilot/Copilot

Cup Holders - Passengers

Control Wheel Lock - Pilot/Copilot

Jepp Manual Storage Console w/Cup Holders

Tow Bar

## **INTERIOR LIGHTING:**

LED Pilot/Copilot Cabin Overhead LED Lights

LED Passenger Overhead Light

Interior Lights Dimming Control

Map Light, Pilot Control Wheel

Sub-Panel Lighting (LED Backlighting)

- Flaps

- Throttle

- Mixture

- Environmental Controls (Air and Heat)

Switch Panel Lighting (LED Backlighting)

- 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)

Radio Call Plate (Backlighted)

LED Lighted Circuit Breaker Panel

Compass Internally Lighted

## **POWER PLANT & ACCESSORIES:**

Lycoming IO-360-L2A Engine

180 HP @ 2700 RPM

Certified for 100LL & 100 Fuel

Fuel Injection System

Tubular Steel Engine Mount

Dynafoal Rear Mount

Automatic Alternate Engine Air

Oil Cooler

Shock Mounted Cowling

Induction Air Filter

Full Flow Oil Filter

Throttle Control

Vernier Mixture Control

Dual Ignition System, Shielded Magneto

Engine Exhaust Muffler

McCauley Fixed Pitch 2 - Blade Metal Propeller

Propeller Spinner, Polished

Electric Starter

## **Optional Equipment:**

Air Conditioning -Keith Products (STC)

TAWS-B Terrain

ADF KR87 Separate control head - displayed on PFD (International only)

DME KN63 Integrated control - displayed on PFD (International only)

C406N Three Frequency Emergency Locator Transmitter (International only - exchange)

## **Exterior Striping Options:**

519B: Dark Tundra and Sage Vinyl Stripes; Cessna Logo, Registration Number and Skyhawk SP

Logo: All Dark Tundra Vinyl

519C: Dark Blue and Pewter Vinyl Stripes; Cessna Logo, Registration Number and Skyhawk SP

Logo: All Dark Blue Vinyl

## **Interior Options:**

Fabric Seat Surfaces, w/ Vinyl trim