

PILATUS PC-12

STANDARD and OPTIONAL EQUIPMENT



The standard PC-12 is equipped with everything you need for an efficient, safe, and comfortable flight. But we can also accommodate your desire to enhance the PC-12 to best suit your particular needs. We offer a wide range of Pilatus-certified avionics and flight instrument upgrades as well as interior upgrades that can add to the value and utility of your plane. And since we install all of them in our factory, they're covered under your Pilatus warranty. Talk to your Pilatus Center representative to decide which options are right for you.



PILATUS PC-12 STANDARD EQUIPMENT

AIRFRAME/STRUCTURES

Aluminum alloy used for primary skin and structure
Epoxy resin-based composites used for secondary parts
Semi-monocoque design pressurized fuselage
Pilot/passenger airstair door – left side forward, bottom-hinged, outward opening with integral folding steps/chromed handrail assembly, mechanical latching with visual locking features
Cargo door – aft left side, top-hinged, electrically actuated, outward opening, mechanical latching with visual locking features
Overwing emergency exit – right side mid-cabin
High lift wing with two integral fuel tanks, fowler flaps
T-tail empennage with trimmable horizontal stabilizer and trimmable rudder
Complete internal and external-structure corrosion protection

AIRCRAFT SYSTEMS

Propulsion System

1 Pratt and Whitney Canada PT6A-67B turboprop engine
1 four-blade Hartzell reversing metal propeller

Electrical System

1 GEN1 starter/generator unit, 28 VDC, 300 amps
1 GEN2 back-up alternator unit, 28 VDC, 130 amps
1 nickel-cadmium battery, 24 VDC, 40 amp hours
1 external power connector for 28 VDC power source
Central Advisory and Warning System (CAWS), including warning, caution and advisory lights, master warning and caution with voice call out

Fuel System

Delivery and transfer system with built-in redundancy
2 motive-flow delivery (jet) pumps
2 electrical boost pumps
1 engine-driven pump

Flight Controls

All mechanical primary flight controls
Electrically operated flaps
Electric roll trim
Electric pitch trim (dual-motor)
Electric yaw trim

Landing Gear

Hydraulic retractable tricycle landing gear with trailing link main gear
Soft-field/low-pressure tires
Emergency gear extension system
Mechanical nosewheel steering
Toe-operated pedal wheel brakes
Parking brake

Hydraulic Power

3,000 psi hydro-pack module: electrical motor/variable-displacement pump
Reservoir with sight gauge
Back-up accumulator

Environmental Control System

Air cycle system – using engine bleed air to provide conditioned air for pressurization, heating, and cooling
Conditioned air distribution via 4 cockpit outlets (2 floor, 2 adjustable chest-level) and cabin floor-level outlets
Recirculated air distribution via 9 adjustable overhead outlets

Oxygen System

Supplemental oxygen system
1 oxygen cylinder
2 crew diluter demand masks with microphones
9 passenger constant-flow masks
1 oxygen quantity indicator

Ice and Rain Protection

Wing leading edge pneumatic deicing boots
Horizontal stabilizer pneumatic deicing boots
Windshield electrical anti-icing
Engine inlet exhaust gas heat anti-icing
Propeller blades electrical anti-icing boots
Pitot-static probe electrical anti-icing
Stall warning sensor electrical anti-icing

Exterior Lights

2 strobe lights
2 landing lights
1 wing icing inspection light (L.H.)
1 taxi light
2 nav lights
1 tail light
2 red flashing beacons

PILATUS PC-12 STANDARD EQUIPMENT

AVIONICS & INSTRUMENTS

Honeywell Bendix/King Avionics

EFIS 40 Electronic Flight Instrument System:

- 2 ea ED462 EAS tube EADI/EHSI
- 1 ea SG465 EFIS Symbol Generator
- 1 ea CP468 EFIS Control Panel

KFC325 Autopilot System:

- KDC220 A/P Computer
- KDC222 Air Data Computer
- KTA33C Pitch Trim Adapter
- 3 KSA372 servos
- 1 KAS297C Altitude Pre-selector
- 1 KMC321 Mode Controller

1 KLN 90B GPS

2 KX165A (25MHz) VHF Nav/Comm Transceivers

1 RDR 2000 Weather Radar

1 KMA24H Audio Control/Voice Activated Intercom

1 KT70 ATC Transponder Mode "S"

1 KR21 Marker Beacon

1 KN63 DME

1 KR87 Digital ADF

1 KRA405B Radar Altimeter

1 KEA130A Encoding Altimeter

1 KNI582 RMI

Additional Avionics

1 Litef AHRS LCR92

1 SEPRESM Kannad 121AF ELT

Pilot Flight Instruments

1 airspeed indicator

1 vertical speed indicator

1 clock/stopwatch

1 standby magnetic compass

1 standby attitude indicator

1 standby altimeter

Engine and Secondary Instruments

Torque indicator

Turbine temperature indicator

Gas generator speed indicator

Oil temperature indicator

Oil pressure indicator

Fuel quantity indicators (dual)

Fuel flow indicator

Fuel used indicator

Electrical volts indicator

Electrical amps indicator

Propeller speed indicator

OAT indicator

Miscellaneous Instruments

1 flap position indicator

1 triple trim indicator

1 cabin rate of climb indicator

1 cabin altitude and differential pressure indicator

1 cabin temp indicator

3 landing gear position lights

1 flight-hour recorder

CABIN COMPARTMENT

9 passenger seats—quickly removable, reclining backrest, armrests, upholstery, 3-point restraint system

9 oval cabin windows with internal pull-down shades

Decorative roof, sidewalls, door panels, and floor carpet

Aft baggage storage area including baggage barrier

2 cabin speakers

Document holder

Cabin Lights

1 passenger door flood light

1 cargo door flood light

1 flood light system (50%, 100%)

9 independent reading lights

COCKPIT COMPARTMENT

2 crew control wheels, 2 rudder pedal sets

2 crew seats—four-way adjustable, reclining with folding armrest, upholstery, shoulder harness restraint system

2 cockpit speakers

1 hand microphone

1 headset

Decorative roof, sidewalls, console panels, and floor carpet

1 cockpit/cabin bulkhead divider with curtain

2 adjustable sun visors

AFM/en route chart storage pockets

Clipboard/notepad, pen holders

2 cup holders

1 Direct Vision (DV) window

Cockpit Lights

2 ceiling lights

4 adjustable panel flood lights

4 adjustable circuit-breaker flood lights

2 map reading lights

3 internally lighted switch panels

Internally lighted cockpit instruments