PC-12 NG STANDARD EQUIPMENT LIST

EFFECTIVE FOR 2012 DELIVERIES

Crafted in Switzerland



PILATUS

STANDARD EQUIPMENT - EXHIBIT A

AIRFRAME/STRUCTURES

– Aluminum Alloy for Primary Skin and Structure
– Epoxy Resin-based Composites for Secondary Parts
– Semi-monocoque Design Pressurized Fuselage
– Pilot/Passenger Airstair Door
– Cargo Door
– Overwing Emergency Exit
– 2 High-lift Wings
– T-tail Empennage
– Complete Internal and External Structure Corrosion Protection

AIRCRAFT SYSTEMS

Propulsion System

– 1 Pratt & Whitney Canada PT6A-67P Turboprop Engine
– 1 Hartzell Four-blade Metal Propeller
– Engine Chip Detector System

Electrical System

– 2 Starter/Generator Units 28 VDC, 300 Amps each
– Automatic Load Shedding
– 2 Lead Acid Batteries 24 VDC, 42 Amp Hours each
– 1 Emergency Power System (EPS), 24 DC, 5 Amp Hours
– 1 External Power Connector for 28VDC Power Source

Fuel System

– 2 Integral Fuel Tanks with Delivery and Transfer System
– 2 Motive-flow Delivery (Jet) Pumps
– 2 Electrical Boost Pumps
– 1 Engine-driven Pump

Flight Controls

– All-mechanical Primary Flight Controls
– Electrically Operated Flaps
– Electrical Trim in all Axes

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

Cabin Pressurization Control System (CPCS)

– 1 Electronically Controlled Outflow Valve
– 1 Digital Controller
– 1 Pneumatic Safety Valve
– 2 Negative Pressure Relief Valves

Environmental Control System (ECS)

– Air Cycle System – using Engine Bleed Air to Provide Conditioned Air for Pressurization, Heating and Cooling
– 1 Digital ECS Controller (for Air Cycle System, Auxiliary Heaters, Recirculation Fans and Optional Vapor Cycle Cooling System)
– Dual Zone Temperature Control (Cockpit and Cabin)
– Auxiliary Electrical Heating System (2 Underfloor Heaters)
– Conditioned Air Distribution via 4 Cockpit Outlets (2 Floor, 2 Adjustable Chest-level) and Cabin Floor-level Outlets
– Re-circulated Air Distribution via Adjustable Overhead Cabin and Cockpit Outlets (1 per Seat)

Oxygen System

– Supplemental Oxygen System
– 1 Oxygen Cylinder
– 2 Crew Diluter Demand Masks with Integral Connected Microphones
– 1 Constant-flow Mask per Passenger
– 1 Oxygen Quantity Indicator

Ice and Rain Protection

– Wing Leading Edge Pneumatic De-icing Boots
– Horizontal Stabilizer Pneumatic De-icing 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 Sensors Electrical Anti-icing

Exterior Lights

– 2 Strobe Lights
– 2 Landing Lights
– 1 Wing Icing Inspection Light (Left Side)
– 1 Taxi Light
– 2 LED Nav Lights
– 1 LED Tail Light
– 2 Red Flashing Beacons

AVIONICS AND INSTRUMENTS

Integrated Honeywell Primus Apex Suite

– 1 Primary Flight Display (PFD), Flat Panel Display Unit, 10.4” Diagonal
  - *ADI/HSI (Dual-channel Data Source for Air Data, Attitude and Heading Reference / 1 Radar Altimeter)*
  - *Engine Instruments*
  - *2 COM (8,33 KHz Spacing), 2 NAV (1 DME), 1 Mode S Transponder (Diversity), 1 ADF*
– 2 Primary Flight Display (PFD) Controller
– 1 Integrated GPS Receiver
– 1 Audio/Marker Panel
– 1 Flight Guidance Controller for Digital Three-Axes Autopilot System
– 1 Situational Awareness Multifunction Display (MFD), Flat Panel Display Unit, 10.4” Diagonal
  - *Flight Management System (FMS)*
  - *Weather Radar Indication*
  - *Moving Map with Overlays*
– 1 Systems Multifunction Display (MFD), Flat Panel Display Unit, 10.4” Diagonal
  - *Warnings, Cautions and Advisories (CAS Messaging)*
  - *Gear, Trim and Flaps Indication*
  - *Fuel Indication*
  - *ECS/CPCS Indication*
  - *Electrical Systems Indication*
– 1 Multifunction Display (MFD) Controller (includes Alphanumeric Keyboard)
– 1 Cursor Control Device (CCD)
– 1 Central Maintenance System

Other Flight Instrumentation

– Dual Pitot Static System
– 1 RDR2000 Weather Radar
– 1 Integrated Electronic Standby Instrument System (ESIS)
– 1 ELT 406 MHz with Remote Switch
– 1 Nav Interface to 406 MHz ELT
– 1 Standby Magnetic Compass
– 1 Flight Time Recorder (“Hobbs Meter”)
– 1 Digital Clock/Stopwatch
– 1 Cockpit Voice and Flight Data Recorder

ALL SPECIFICATIONS AND DESCRIPTIONS CONTAINED IN THIS DOCUMENT ARE SUBJECT TO CHANGE

CABIN COMPARTMENT

– 9 Standard Passenger Seats – Quickly Removable, Reclining, 3-point Restraint System
– 9 Oval Cabin Windows with Internal Pull-down Shades
– Painted Composite Interior Panels
– Carpet
– Aft Baggage Storage Area including Baggage Net
– 2 Cabin Speakers
– 1 Document Holder

Cabin Lights

– 1 Passenger Door Flood Light
– 1 Cargo Door Flood Light
– 1 Cabin Light System
– Independent Reading Lights (1 per Seat)
– 1 Baggage Compartment Light

COCKPIT COMPARTMENT

– 2 Crew Control Wheels, 2 Rudder Pedal Sets
– 2 Crew Seats – 8-way Adjustable, Reclining with Foldable Armrest, Headrest, and 4-point Torso Restraint System
– 2 Cockpit Speakers
– 1 Hand Microphone
– 2 Active Noise Reduction (ANR) Headsets
– Painted Composite Interior Panels
– Carpet
– 1 Cockpit/Cabin Bulkhead Divider with Curtain
– 2 Adjustable Sunvisors
– 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
– Internally Lighted Switch Panels
– Internally Lighted Cockpit Controllers

MISCELLANEOUS

– Internal/External Markings and Placards
– 1 Hand Fire Extinguisher
– Cabin Door Lock and Keys
– Nosewheel Steering Bar
– Gust Lock - Control Column
– Covers - AOA Transmitter, Pitot Tube, Engine Air Intake, Oil Cooler Intake, ECS Intake, Generator Intake, Engine Exhaust Stacks
– Propeller Restraint
– Apple iPad with Aircraft Presentation

PUBLICATIONS / SUBSCRIPTIONS

Pilatus Documents (Free 2-year Revision Service)

– Aircraft Flight Manual
– Aircraft Maintenance Manual
– Aircraft Illustrated Parts Catalog
– Aircraft Service Letters
– Aircraft Service Bulletins

Pilatus Documents (Other)

– Aircraft Conformance Document
– Wiring Diagram
– Airframe Log Book
– Engine Log Book
– Propeller Log Book

Pratt & Whitney Canada (Free 2-year Subscription)

– Engine Maintenance Manual
– Engine Illustrated Parts Catalog

Hartzell (Free Subscription, No Charge for Renewal)

– Propeller Operator's Manual

CAMP (Free 1-year Subscription)

– Digital Aircraft Maintenance Tracking

The Trend Group (Free 1-year Subscription)

– Engine Condition and Trend Monitoring

CERTIFICATION

– US Federal Aviation Regulation (FAR) Part 23, Normal Category EASA Certification to US FAR Part 23

STANDARD WARRANTY

– Airframe - 7 years or 5,000 flight hours
– Aircraft systems, exterior paint & interior furnishings - 2 years or 2,000 flight hours
– Avionics - 3 years (by Honeywell)
– Engine - 5 years or 2,500 flight hours (by Pratt & Whitney Canada)
– Propeller - 2 years or 2,500 flight hours (by Hartzell)

TRAINING ENTITLEMENT

– Includes two pilot training courses

CABIN INTERIOR STANDARD COLOR SELECTION

– Standard Nine Seat Interior: Fabric Flash 2735LS

STANDARD PAINT SCHEME

– Base color - AKZO Eclipse "Snow White" painted pursuant to Pilatus Aircraft process specification #VV0600-52
– Scheme - Polyurethane Paint Finish as per the Pilatus standard paint scheme

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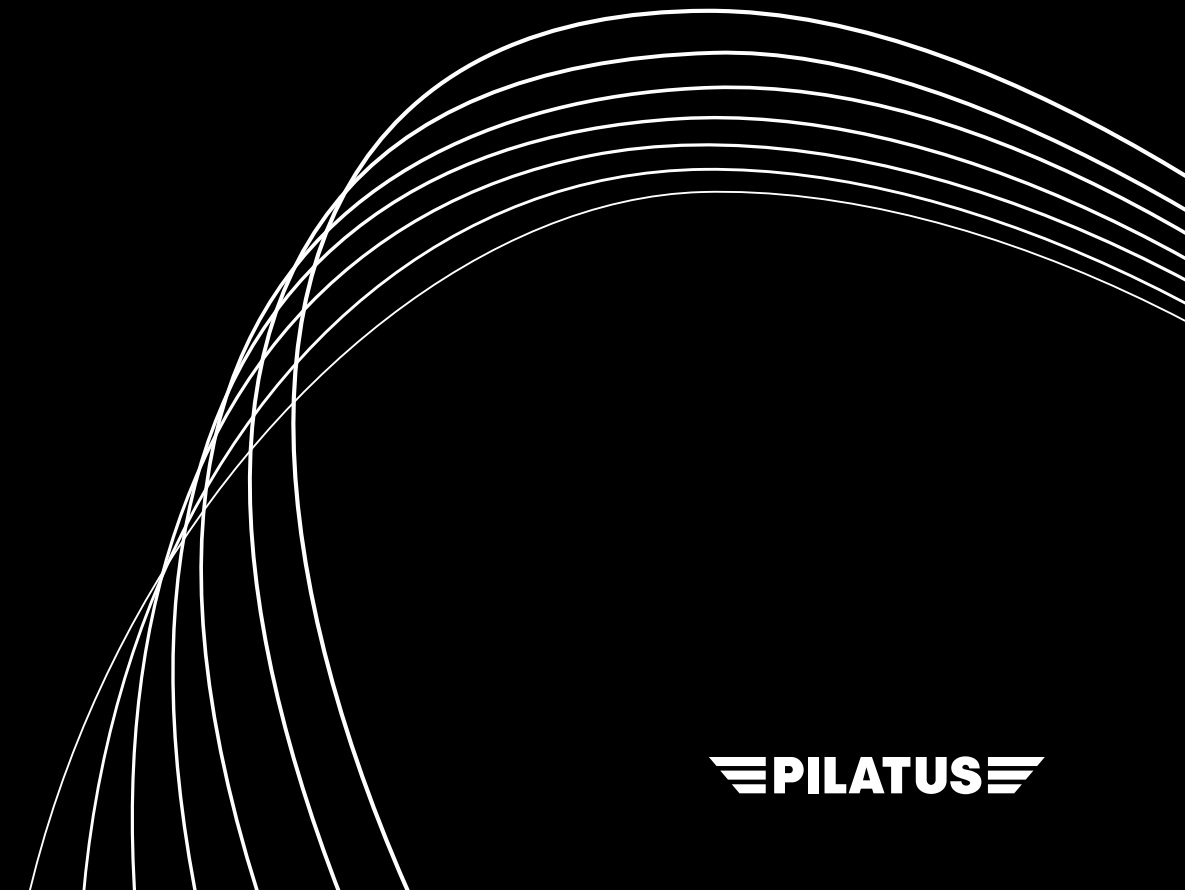

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