



Reg. # N536HC
Make: Pilatus
Hours: 2263.4

Date: 4/17/2023
Model: PC-12/47E
Landings: 1964

Customer: Airborne Aircraft Management LLC
S/N: 1702

The altimeter system & altitude reporting equipment tests & inspections required by paragraph (a.1), Title 14 CFR Part 91.411 have been performed & found to comply with Appendix E. Title 14 CFR Part 43. P/Copilot Airdata: P/N: KSG7200 S/N: B2894 tested to: 30,000 ft, date cert: 4/17/2023. Standby Altimeter: P/N: ESI-1000 S/N: 3235 tested to: 30,000 ft, date cert: 4/17/2023. The ATC transponder tests and inspection required by paragraph (a). Title 14 CFR Part 91.413 have been performed and found to comply with Appendix F. Title 14 CFR Part 43 and paragraph (c) Appendix E. Title 14 CFR Part 43 and is approved for return to service. This Aircraft Meets RVSM requirements per Pilatus Maintenance Manual 12-B-AM-00-00-00-1. Tasks 34-11/82, 34-11/343, 34-25/344, 34-54/86, 53-30/342 complied IAW Pilatus Maintenance Manual 12-B-AM-00-00-00-1.

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order # 9MVNA.

Signed _____

DUNCAN
01 2769

Cameron Harris
For Duncan Aviation CRS# JG7R076J Phone: 206-764-3962

IX c
landings
terrissages
al cycles

Performed AAIP inspections.

Base month for "interval package" inspections is May.

Base time for "interval package" inspections is 2263.4 TTAF. **Next 100-hour inspection is due at 2363.4 +/- 10 hours.**

Airworthiness Directives addressed at this time:

- Researched through Bi-Weekly 2023-7.

The following technical bulletins are new or revised since the last inspection or were addressed at this time:

- **Index 442, SB 77-006, 2022-02-17.** Torque Limiter – Improve installation. Recommended. Not incorporated at this time.
- **Index 447, SB 32-030, 2022-07-10.** Landing Gear – Corrosion Protection. Mandatory. C/W.
- **Index 449, SB 21-016, 2022-08-15.** Compressor Condenser Module Modification - Compressor/Condenser Bonding. N/A to MSN 1702.
- **Index 455, SB 21-017, 2023-01-23.** Compressor Condenser Module Modification - Compressor/Condenser Bonding. Recommended. Not incorporated at this time.
- **Index 456, SB 21-018, 2023-01-23.** Air Conditioning - Heating. Replace ECS Over-Temperature Switch and Duct Over-Temperature Switch. Optional. Not incorporated at the time.

The following AAIP, Chapter 4 & 5 inspection and maintenance items were addressed at this time:

- **00-00/45A** Perform Corrosion Inspection (Internal)
- **00-00/45B** Perform Corrosion Inspection (External)
- **05401A** 300 Hour Inspection
- **05402A** 300 Hour or 12 Month Inspection
- **05403A** 600 Hour Inspection
- **05404A** 600 Hour or 12 Month Inspection
- **05405A** 1200 Hour OR 12 Month Inspection
- **05406A** 2400 Hour OR 24 Month Inspection
- **21-30/314** Check Pressurization Safety Valve for Contamination
- **21-20/317** Check ECS Emergency Shut-Off System
- **21-30/318** Operational Test Pressurization Dump Switch
- **21-40/51** Functional Test Overtemp (Bleedair)
- **21-40/52** Functional Test Overtemp (Condaire)
- **21-50/58** Inspection/Check Air Conditioning – Compressor/Condenser Module
- **21-50/59** Check Air Conditioning – Compressor/Condenser Module – Belt Tension
- **21-50/433** Clean Air Conditioning – Compressor/Condenser Module
- **24-30/311** Functional Test NO. 1 Generator Control Unit OV and UV Trip Protection
- **24-30/311** Functional Test NO. 2 Generator Control Unit OV and UV Trip Protection
- **24-30/340** Capacity Check No. 1 Lead Acid Battery
- **24-30/340** Capacity Check No. 2 Lead Acid Battery
- **24-30/492** Overhaul Starter Generator (S/N P1967)
- **24-30/493** Overhaul No. 1 Generator (S/N P2598)
- **24-50/70** Capacity Check Emergency Power Supply
- **26-20/24** Contents Check Cockpit Fire Extinguisher
- **27-00/71** Flight Control Cables - Inspection/Check
- **27-40/1** Horizontal Stabilizer Trim - Functional Test
- **27-40/26** Overhaul Pitch Trim Actuator (S/N 541)
- **27-40/574** Discard Manual Pitch Trim Relays
- **27-50/437** Inboard Flap Drive Arms – In-Situ Inspection/Check
- **27-50/495** Backlash Check Flap Actuators

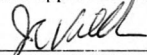
- 30-10/79 Apply Age Master to Airfoil De-Icer Surface
- 32-10/80 Lubricate Wheel Bearings
- 32-10/315 Main Landing Gear Hinge Pin and Bushes Inspection/Check
- 32-10/436 Examine MLG Shock Struts Top/Bottom Attachment Bolts/Nuts
- 32-10/438 Examine MLG Forward Attachment Bolt and Bush and Rear Attachment Bolt and Nut
- 32-10/439 Examine MLG Spring Pack Assembly Top and Bottom Attachment Bolt and Nut
- 32-10/440 Examine MLG Folding Strut Top and Bottom Attachment Bot and Nut
- 32-30/424 Operational Test Emergency Gear Extension System
- 32-30/426 Function Test Time Delay Relays and Power Contactors
- 32-30/429 Check Main Landing Gear Spring Strut
- 32-30/442 Examine MLG Actuator Top/Bottom Attachment Bolts and Nuts
- 32-10/80 Lubricate Nose Wheel Bearings
- 32-10/80 Lubricate Left/Right Main Landing Gear Wheel Bearings
- 34-11/82 Leak Check Static System
- 34-11/343 Inspect/Check Static Port Plate Height
- 34-25/344 Functional Test Altitude and Vertical Speed Indication
- 34-26/484 Check Swing ESIS Magnetic Heading
- 34-54/86 Functional Test Transponder System
- 35-20/87 Inspection/Check Passenger Oxygen Masks
- 53-30/342 Inspection/Check Static Ports Critical Area
- 56-11/517 Cockpit DV Window – Check Operation
- 731025 Leak/Functional Check Fuel Nozzles
- 740015 Check Ignition Excitation for Installation and Condition
- 742010 Check Ignition Cable for Chaffing, Wear, and Installation
- 740025 Check Spark Igniters for Cleanliness/Erosion
- 76-10/117 Functional Test Propeller Feathering Microswitches
- 790040 Bridge Check Magnetic Chip detector

Performed the following:

- Removed Starter/Generator P/N 23085-031A, S/N P1491 and installed overhauled Starter/Generator, P/N23085-031, S/N 1967.
- Removed Generator No. 1, P/N 23085-031A, S/N P1746 and installed overhauled Generator, S/N 2598.
- Removed Pitch Trim Actuator, P/N 9787314203, S/N 1720 and installed overhauled Pitch Trim Actuator, S/N 2598.

Maintenance Release

The airframe identified above was inspected and serviced in accordance with the Airborne Aircraft Management LLC AAIP for the PC-12 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service.

Signed: 

Jay Villalva A&P 3070370 IA -END OF ENTRY-

IX b
Hour meter
Compteur
d'heures

IX c
Total landings
Total atterrissages
Total cycles