

W/O#: 36U-17P-5101
Make: Pilatus
Model: PC-12/47E
S/N: 1129
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 1188.7
Total Time: 1188.7
Landings: 637
Freon Hobbs: 132.4

I certify that this aircraft has been inspected in accordance with an **Annual Inspection** using the Pilatus AMM 12-B-05-20-20-00A-281A-A and was determined to be in airworthy condition.

Complied with FAR 91.207(d) by **ELT Inspection** / Function test - No faults found. Battery due: 12/2021.

Accomplished an **Aircraft Avionics Inspection / Operational Check IAW** applicable sections of the PC-12 AMM and Manufacturer's Maintenance / Operational Instructions. All applicable checks were satisfactory.

Complied with the following Chapter 4 / 5 Special Inspection Items:

Internal / External Aircraft Corrosion Inspection IAW AMM 12-B-20-40-00-00A-901A-A.

Auto Flight Servo Mount Clutches Inspection / Check IAW AMM 12-B-22-10-00-00A-313A-A.

Cockpit Fire Extinguisher Contents Check IAW manufacturer's instructions.

Horizontal Stabilizer Trim Runaway Aural Warning Functional Test IAW AMM 12-B-27-40-00-00A-903A-A.

Inboard Flap Drive Arms In-situ Inspection / Check IAW AMM 12-B-27-51-00-00A-313A-A.

LH & RH Inboard & Outboard Flap Actuators Lubrication IAW AMM 12-B-27-50-00-00A-902A-A.

Emergency Power Supply removed and Capacity checked - EPS failed check (See addressed discrepancies below).

NiCad Batteries P/N: 31406-002, #1 (FWD) S/N: 10802634 & #2 (AFT) S/N: 10802630 removed and sent out for service. Re-

installed Same Batteries / Same Position IAW AMM 12-B-24-30-07-00A-920A-A after Service accomplished by Helicopter Services of Utah (See Maintenance Release Tags for W/O#: 5315).

MLG Hinge Pin & Bushes Inspection / Check IAW AMM 12-B-32-10-00-00A-313A-A. Dimensions within limits.

Main / Nose Wheel Bearing Lubrication IAW AMM 12-B-12-20-06-00A-902A-A.

LH & RH MLG Shock Absorber Top and Bottom Attach Bolt & Nut Inspections IAW AMM 12-B-32-10-00-00A-310A-A

Ice / Rain Protection Airfoil Deicers Treatment by cleaning / applying a surface coating of Age Master No. 1 to all Airfoil Deicers.

Propeller Feathering Micro-Switches Test IAW AMM 12-B-76-10-02-00A-903A-A.

ECS Emergency Shut-off Lever Pull Force Check IAW AMM 12-B-04-00-00-00A-000A-A.

Generator Control Unit 1 & 2 Over / Under Voltage Trip Protection Functional Test IAW AMM 12-B-71-00-00-00A-903D-A.

Pressurization Dump Switch Operational Test IAW AMM 12-B-21-30-00-00A-903A-A.

Vapor Cycle Compressor Condenser Module Cleaning IAW Enviro Systems, Inc. CMM 21-00-23.

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LH & RH Flap Up / Down Limit Switches Servicing IAW AMM 12-B-12-20-07-00A-902A-A.
Generator 1 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. Brushes within limits.
Starter / Generator 2 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. Brushes within limits.
Standby Magnetic Compass - Checked Swing IAW AMM 12-B-34-21-00-00A-903A-A.
Cabin Positive Pressure Relief Functional Test IAW AMM 12-B-21-30-00-00A-903A-A.
Pressurization Safety Valve Removal / Cleaning IAW AMM 12-B-21-30-02-00A-250A-A.
Flap Actuator Backlash Check IAW AMM 12-B-27-50-03-00A-313A-A. Gap measurements are as follows:
#1 - P/N: 978.73.20.309, S/N: 3397 = .009" / #2 - P/N: 978.73.20.309, S/N: 3407 = .008".
#3 - P/N: 978.73.20.309, S/N: 3449 = .008" / #4 - P/N: 978.73.20.309, S/N: 3438 = .008".

Complied with the following Airworthiness Directives:

AD2016-26-08C, Limitations Section of the FAA-approved Maintenance Program, C/W as follows. (f)(1): Revisions to the Limitations Section have been inserted or a completely Revised AMM has been used by this facility. (f)(2): MLG Attach Bolt Inspections have been established. (f)(3) thru (f)(6): Information noted - Gear Attach Bolt Inspections PCW and reoccur per AMM. AD is permanently complied as long as current data is used to track life-limited components.

AD2016-12-01, Wing-to-Fuselage Torton Plates, C/W IAW Directive Paragraphs as follows: (f)(1) C/W by inspection IAW Part 3.B. of SB57-007 - Plates correct. Therefore, (f)(2) & (f)(3) require no action. (f)(4) is required any time Wings are removed.

Complied with the following Pilatus Service Bulletins:

SB46-007R1 (Ref No. 360), Connected Flight Deck Software Upgrade to Revision H (Version 2.2), C/W IAW the Bulletin.

SB45-014 (Ref No. 350), Upgrade Primus Apex Software to Build 10.9, C/W IAW the Bulletin Instructions.

Other Maintenance Accomplished:

Propeller Model: HC-E4A-3D, S/N: KX 741 (Prop TSN: 1188.7) **removed** from Engine S/N: PCE-RY0131 (Engine TSN: 1188.7 / CSN: 637) & Airframe S/N: 1129 (ACTT: 1188.7 / LDGS: 637) and sent out for **Overhaul**.

Propeller Model: HC-E4A-3D, S/N: KX 741 (Prop TSN: 1188.7 / TSO: 00.00) **re-installed** onto Engine S/N: PCE-RY0131 (Engine TSN: 1188.7 / CSN: 637) & Airframe S/N: 1129 (ACTT: 1188.7 / LDGS: 637) **after Overhaul**.

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AIRCRAFT LOG

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Addressed the following Discrepancies:

#6 Cabin Window Shade (@ #4 PAX Seat) replaced with new Shade P/N: 525.24.12.101, S/N: 1615.
 RH Strobe Light Assembly replaced with new P/N: 972.87.87.322, S/N: 184810-2-2.
 LH & RH Fuel Cap O-Rings replaced with new P/N: MS29513-232.
 Emergency Power Supply Model: PS-855B P/N: 501-1712-02, S/N: 81830 removed. Installed New EPS P/N: 501-1712-02, S/N: 83697 IAW AMM 12-B-24-52-51-00A-920A-A & CMM.
 Re-sealed Insulating Hose around Deice Lip Duct in LWR Engine Cowl as needed.
 Tightened Pilot's Sun Visor as needed.
 Serviced the Hydraulic System Reservoir with Fluid & Dry Nitrogen IAW AMM 12-B-29-00-00-00A-902A-A.
 Serviced the Oxygen System IAW AMM 12-B-35-00-00-00A-902A-A.
 The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3Air CRS W77R917Y in accordance with current Federal Aviation Regulations and was Approved for return to service. Pertinent Details are on file under this work order.

Date: 6/1/17

Authorized Inspector:

Jeff Dowling

Total to Carry Forward					