

## AIRCRAFT DESCRIPTION

Registration No. N129NX

Modell: Pilatus PC-12/47E

Serial No.: 1129                      Type Certificate No.: A78EU

Colors: White

Engine Manufacturer: Pratt&Whitney                      Propeller Manufacturer: Hartzell

Original Engine Model: PT6A-67P                      Original Propeller Model: HC-E4A-3D/  
E10477SK

Serial No.: PCE-RY0131                      Hub or Serial Number: KX741

Blade Serial Number:

K82996

K82997

K82998

# AIRCRAFT LOG

| Date | Aircraft Time     |   | Recorder Reading | Maintenance |
|------|-------------------|---|------------------|-------------|
|      | This Date         | Total   |                  |             |
|      | Brought Forward → |   |                  |             |
|      |                   |   |                  |             |
|      |                   |   |                  |             |
|      |                   |   |                  |             |
|      |                   | <b>PILATUS AIRCRAFT LTD<br/>CH-6370 STANS (SWITZERLAND)</b> |                  |             |

— This aircraft was manufactured and test flown in accordance with approved procedures and conforms to the approved Type Design.

— I have inspected this aircraft and issued a Certificate of Conformance ref. EASA Form 52 (AQ-09-419)

— This aircraft is in an airworthy condition

— Date: Apr.27/2009

— Insp. Sign:

*M.M. Müller*



**≡PILATUS≡**  
 QUALITY INSPECTION  
 PILATUS AIRCRAFT LTD  
 CH-6370 STANS (SWITZERLAND)

|                        |             |  |     |         |
|------------------------|-------------|--|-----|---------|
| Total to Carry Forward | 27 APR 2009 |  | 3.3 | 4 Ldg's |
|------------------------|-------------|--|-----|---------|



## AIRCRAFT LOG

| Date                   | Aircraft Time     |       | Recorder Reading | Maintenance |         |
|------------------------|-------------------|-------|------------------|-------------|---------|
|                        | This Date         | Total |                  |             |         |
| 27 APR 2009            | Brought Forward → |       | 3.3              | 4 Ldg's     |         |
| 28.4.09                | 3.3               | 6.1   | 6.1              | + 1 Ldg     | 5 total |
| 28.4.09                | 3.1               | 9.2   | 9.2              | + 1 Ldg     | 6 total |
| 29.4.09                | 5.3               | 14.5  | 14.5             | + 1 Ldg     | 7 total |
| 29.4.09                | 4.9               | 19.4  | 19.4             | + 1 Ldg     | 8 total |
|                        |                   |       |                  |             |         |
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| Total to Carry Forward |                   |       | 19.4             | 8 Ldg's     |         |

Registration No. \_\_\_\_\_

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
| NIL         |           |                 |
| NIL         | ROBERT    |                 |
| NIL         | ROBERT    |                 |
| NIL         | ROBERT    |                 |
| CHIP ENGINE | ROBERT    |                 |
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# AIRCRAFT LOG

| Date | Aircraft Time |       | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
|      | This Date     | Total |                  |             |
|      |               |       |                  |             |



201 Kellner Place  
Thunder Bay, Ontario  
P7E 6V3  
(807) 475-5353

TRANSPORT CANADA AMO #E1-98

|            |          |             |      |       |        |
|------------|----------|-------------|------|-------|--------|
| TYPE:      | PC12-47E | SERIAL NO.: | 1129 | REGN: | HB-FRC |
| ACFT TTSN: | 19.4     | LANDINGS:   | 8    |       |        |
| ENGINE SN: | U/K      | TTSN:       | U/K  | TCSN: | U/K    |
|            |          | TTSO:       | U/K  | TCSO: | U/K    |
| PROP SN:   | U/K      | TTSN:       | U/K  | TTSO: | U/K    |

VKPC T/C# 091105-0001, Pilot Snagged Engine Chip Light on take off - Investigated and found magnetic chip on fwd. magnetic chip detector on reduction gear box - chip removed and saved for further examination (allowable debris) , chip detector re-installed. Oil filter removed + patch check performed + oil sample taken - found some small particles, oil filter cleaned + reinstalled. Rear chip detector removed from accessory case for examination - found to be clean. Re-installed rear chip detector. Engine run at 80% take off power for 10min. Both chip detector's removed + oil filter once again for examination - found to be clean + re-installed. Engine run once again at 80% for 10min. and Oil filter + both chip detectors removed for examination - found to be clean + re-installed all with new o-rings and saftied required. Engine run once more for leak check - no leaks found. all work done IAW PT6A-67P Maint. Man. All samples taken are to be sent away for investigation.

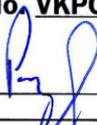
*"The maintenance desribed above has been performed in accordance with the applicable standards of airworthiness"*

*Jare Brkljacic*  
Jare Brkljacic ACA 006

**01-May-09**

Carry Forward

Registration No. \_\_\_\_\_

| and Remarks  | Signature | Certificate No. |
|--|-----------|-----------------|
| <p><b>≡PILATUS≡</b></p> <p><b>Production Organization / CH.21G.0002</b></p> <p><b><u>Magnetic Chip Detector Maintenance</u></b></p> <p>Certifies that the work specified was carried out in accordance with Requirement 21A.163(d) and in respect to that work the aircraft is considered ready for release to service and therefore is in a condition for safe operation.</p> <p><b>Date: <u>01 May 2009</u> WO No. <u>VKPC T/C # 091105-0001</u></b></p> <p><b>Signature: Perry Schulz</b> </p> |           |                 |
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# AIRCRAFT LOG

| Date        | Aircraft Time     |       | Recorder Reading | Maintenance      |
|-------------|-------------------|-------|------------------|------------------|
|             | This Date         | Total |                  |                  |
| 1.5.09      | Brought Forward → | 19.4  | 19.4             | 8Ldg's           |
| 1.5.09      | 4.1               | 23.5  | 23.5             | +1 9Ldg          |
| MAY 06 2009 |                   |       | 23.5             | @ 9 cycles total |

May 6, 2009      Airframe Log Entry  
 Pilatus PC-12/47E      S/N 1129  
 HB-FRC      (N129NX Pending)

Page 1 of 1  
 Total Time: 23.5  
 Cycles: 9



Pilatus Business Aircraft, Ltd., 11755 Airport Way, Broomfield, CO 80021

*Performed the following maintenance:*

-AD's checked thru B/W 2009-09. No FAA AD's for this model at this time.  
 Pilatus factory option **No Cabin Interior** installed during manufacture. W&B and equipment list current.

\*\*\*END\*\*\*

Leif Johnsen  
 Pilatus Business Aircraft, Ltd., POA ref: EASA CH.21G.0002

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| <b>Total to Carry Forward</b> |  |  |  |  |

Registration No. \_\_\_\_\_

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
|             |           |                 |
| NIL         | ROBERT    |                 |
|             | LJOHN236  |                 |
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# AIRCRAFT LOG

| Date              | Aircraft Time |       | Recorder Reading | Maintenance |
|-------------------|---------------|-------|------------------|-------------|
|                   | This Date     | Total |                  |             |
| Brought Forward → |               |       |                  |             |

MAKE PILATUS AIRCRAFT, LTD      MODEL PC-12/47E  
 S/N 1129      ACTT 23.5  
 REGIS. # N129NX      CYCLES 9

I CERTIFY THAT I HAVE INSPECTED THIS AIRCRAFT,  
 FOUND THAT IT COMPLIES WITH THE REQUIREMENTS OF THE CERTIFICATION  
 REQUESTED AND HAVE REISSUED  
 A STANDARD CERTIFICATE OF AIRWORTHINESS  
 DATED May 8, 2009



(AD's checked through  
biweekly 2009-09)

Robert P. Husted DART351144NM

|                        |  |  |  |  |
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| Total to Carry Forward |  |  |  |  |

May 22, 2009  
Airframe Log Entry  
PC-12/47E S/N 1129  
N129NX

Page 1 of 2  
Total Time: 23.5  
Total Cycles: 9



Pilatus Business Aircraft, 11755 Airport Way, Broomfield, CO 80021

*Aircraft has been modified by the following installations:*

**CD/DVD Player Entertainment System Provisions**

Stamped wires, assembled and routed harness for entertainment system CD/DVD cabinet in accordance with Pilatus Business Aircraft drawing PBA.523.080 Rev A.

**Dual Battery Security Switch** Installed switch P/N MS24525-23 with guard P/N MS25224-1 labeled S322 in the aft fuselage at STA 400.40. Reference **FAA Form 337** dated May 22, 2009 for installation details and instructions for continued airworthiness.

**Cockpit Auxiliary Audio Input Jack** Installed input jack on pilot sidewall and labeled with placard AUX AUDIO INPUT in accordance with Pilatus Business Aircraft drawing numbers PBA.523.083 Rev C and PBA.423.039 Rev I/R.

**Bose Headset Wiring Provisions**

Assembled and routed wiring harnesses for Bose headset jacks. Installed a 3 amp circuit breaker labeled BOSE CABIN on the Cabin Bus. Installation in accordance with Pilatus Business Aircraft drawing PBA.523.084 Rev I. Capped and stowed wiring in cabin sidewall near seat locations 1, 2, 3 and 4.

**Crossover Connector**

Installed crossover bracket assembly P/N PBA.491.000-101 in accordance with Pilatus Business drawing number PBA.491.000. Installed connector P/N D38999/26FJ35PN.

**Motorola Portable Satellite Phone Antenna**

Installed **Sensor Systems Low profile patch antenna** P/N S67-1575-109 S/N 10085 in accordance with Pilatus Aircraft Factory Option 523.16.12.002. Reference **FAA Form 337** dated May 22, 2009 for installation details and instructions for continued airworthiness.

**The following maintenance was performed:**

- **Reprogrammed** ELT 406 for correct aircraft registration. Reference ELT Log for details.
- **Removed #1 KXP 2290 Transponder** P/N 066-01198-0101 S/N 1325. **Installed** new transponder (same P/N) S/N 1394 in accordance with PC-12 AMM 12-34-54-01-00A-920A-A and operation checks in accordance with 12-B-34-54-00-00A-903A-A. Performed transponder tests and inspections in accordance with FAR Part 43 Appendix F (transponder certification per FAR 91.413) and FAR Part 43 Appendix E(c) (pressure altitude reporting) on May 18, 2009 with satisfactory results.
- **Complied with Pilatus Aircraft Technical Memo** ECM-12-TM-09-090 dated May 13, 2009 – NTO Flexible Brake Line Modification. Removed brake line attaching hardware installed during manufacture and installed new hardware in accordance with Pilatus Aircraft drawings referenced in this technical memo.

(continued)

May 22, 2009  
Airframe Log Entry  
PC-12/47E S/N 1129  
N129NX

Page 2 of 2  
Total Time: 23.5  
Total Cycles: 9



Pilatus Business Aircraft, 11755 Airport Way, Broomfield, CO 80021

(continued from page 1)

**Complied with the following Pilatus Aircraft Service Bulletin:**

- **Pratt & Whitney Canada SB 14431** – Fuel Control Unit Inspection. Reference engine log entry dated May 11, 2009  
\*\*\*END\*\*\*

The Pilatus PC-12 Maintenance Manual provides **general inspection guidelines** for electrical equipment and structures in Chapter 5. Replacement parts can be found on drawings listed above. Documents can be found in Aircraft Documentation Records.

All required ground checks for the above modifications and maintenance have been completed with satisfactory results. No changes are noted in the aircraft compass system. Negligible change to aircraft weight and balance. Aircraft equipment list records updated.

**Maintenance Release:** The maintenance identified above was inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details are on file under Work Order No. **1129-5, 1129-6 & 1129-7-2.**

Signature of Authorized Person *Dudley Clark* Dudley Clark  
For FAA Certified Repair Station No. ZP8R849Y

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| <b>Total to Carry Forward</b> |  |  |     |  |

June 10, 2009

Airframe Log Entry

PC-12/47E S/N 1129

N129NX

Page 1 of 1

Total Time: 24.6

Total Cycles: 10

**PILATUS**

Pilatus Business Aircraft, 11755 Airport Way, Broomfield, CO 80021

**Aircraft has been modified by the following installations:**

**PC-12/47E interior code # EX-6S-STD-2S** installed in accordance with Pilatus Aircraft MDL # 500.01.12.129. Installed following interior upgrades: passenger & cargo door upgrades w/scuff plates, cockpit curtain, cargo net cover, pillows, heat register covers, headrest covers, & crew seat sheepskin covers. Installed cabin inverter outlets P/N MT1-AC11005-3-HT159 S/N 81710-7-1, 81710-7-2 and 81710-7-3 at respective cabin seat locations 3, 4, and 6 in accordance with Pilatus Factory Option 500.21.12.035.

**Cabin Entertainment System**

*Installed the following components to complete the cabin entertainment system:*

**DVD/CD Player** P/N AV5008-00 S/N 2087

**PCU** P/N PCU20-00 S/N 2080

**I/R Remote** P/N IRR020-01

Reference **FAA Form 337** dated June 10, 2009 for installation details and instructions for continued airworthiness.

**Motorola Portable Satellite Phone Port**

Routed coax cable from previously installed F.O. satellite patch antenna and installed connection port at seat location 2 in accordance with Pilatus Business Aircraft drawing PBA.523.003 Rev A. Reference **FAA Form 337** dated May 22, 2009 for installation details and instructions for continued airworthiness.

**Bose Cabin Headset Jacks Installed** Bose headset jacks in cabin sidewall at seats 1, 2, 3 and 4 in accordance with Pilatus Business Aircraft drawing PBA523.084 Rev I. Reference log entry dated May 22, 2009 for initial provisions. Instructions for Continued Airworthiness require a visual inspection to be incorporated into Operator's Maintenance or Inspection Program.

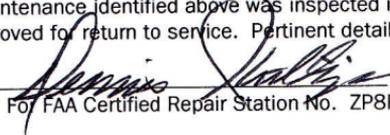
\*\*\*END\*\*\*

The Pilatus PC-12 Maintenance Manual provides **general inspection guidelines** for electrical equipment and structures in Chapter 5. Replacement parts can be found on drawings listed above. Documents can be found in Aircraft Documentation Records.

All required ground checks for the above modifications and maintenance have been completed with satisfactory results. No changes are noted in the aircraft compass system. The aircraft was weighed with weight & balance records & equipment list records revised.

**Maintenance Release:** The maintenance identified above was inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details are on file under Work Order No. **11294 & 11296.**

Signature of Authorized Person

  
For FAA Certified Repair Station No. ZP8R849Y

Dennis Phillips

# AIRCRAFT LOG

N129NX  
PC12/47E  
S/N: 1129  
TTAF: 26.7



WO: 19312  
DATE: JUL/08/2009  
HOBBS: 26.7

## AIRFRAME ENTRY

Laid-out stripes per customer request, sanded and painted wingtips and stripes on this aircraft using the following colors:

|                        |            |                      |
|------------------------|------------|----------------------|
| MFG: ACRY GLO METALLIC | P/N: 10684 | COLOR: Black Velvet  |
| ACRY GLO METALLIC      | P/N: 10510 | COLOR: Platinum      |
| ACRY GLO METALLIC      | P/N: 10492 | COLOR: Charcoal Gray |

Clear coated stripes.

Removed rudder and balanced after paint IAW Pilatus Balancing Procedures 12-B-51-60-03-00A-276A-A Issue 001 2008-07-22 Found to be out of limits. Added .50 lbs. weight, P/N 555.40.12.173 to return to correct limits. Reinstalled rudder IAW Pilatus PC-12/47E AMM 55-40-01.

The above-described maintenance has been inspected and is approved for return to service with regards to the maintenance performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been given to the operator.

Signature

*Samuel Carlson*  
WEST STAR AVIATION, INC.  
796 Heritage Way

Grand Junction, CO 81506 (970) 243-7500

FAA CERTIFIED REPAIR STATION  
**WTXR173J**

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| Total to Carry Forward |  |  |  |  |
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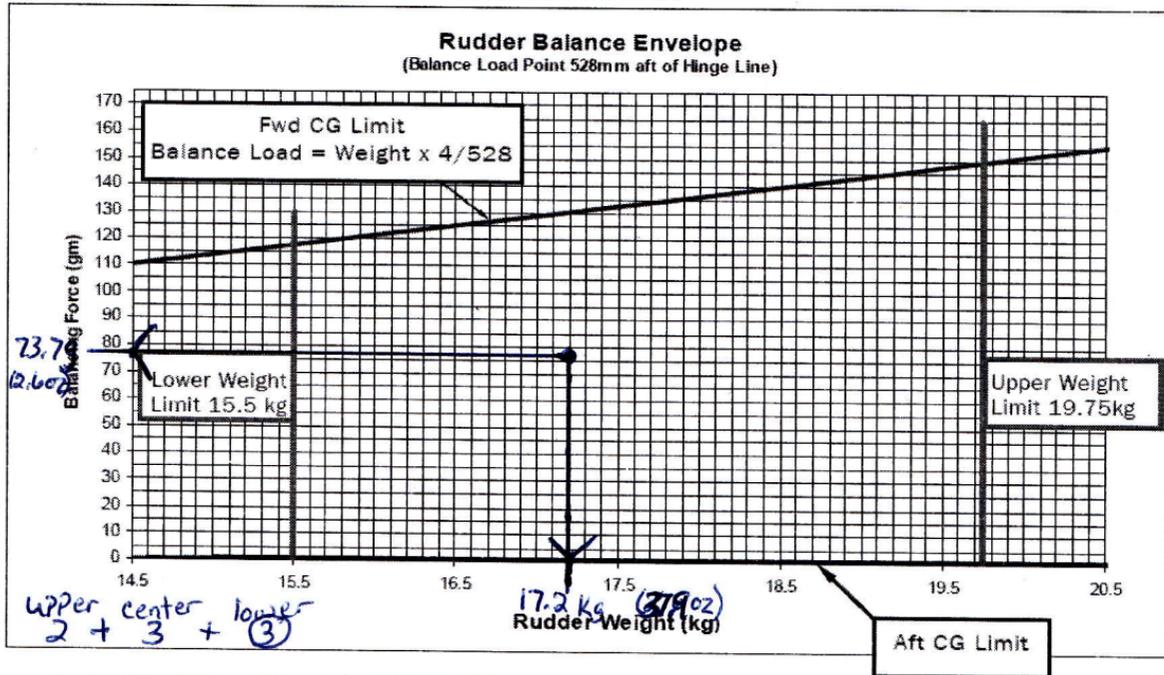
Registration No. \_\_\_\_\_



WO: 19312  
DATE: JUL/08/2009  
HOBBS: 26.7

AIRFRAME ENTRY

N129NX  
PCI2/47E  
S/N: 1129  
TTAF: 26.7



# AIRCRAFT LOG

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N129NX  
- PC12/47E  
S/N: 1129  
- TTAF: 26.7



AVIONICS ENTRY

WO: 19312  
DATE: JUL/08/2009  
HOBBS: 26.7

- > Removed Honeywell KMC-2220 MF Controller, PN: 071-01598-0501 SN: KMC2220-1014 and shipped to Honeywell for Mod 1.
- > Reinstalled modified unit, PN: 071-01598-0501 SN: KMC2220-1014 and performed post mod. check per Pilatus DMC 12-B-46-30-04-00A-920A-A.

The above-described maintenance has been inspected and is approved for return to service with regards to the maintenance performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been given to the operator.

- Signature

WEST STAR AVIATION, INC.  
796 Heritage Way  
Grand Junction, CO 81506 (970) 243-7500

FAA CERTIFIED REPAIR STATION  
**WTR173J**

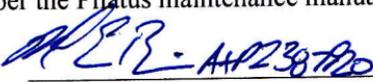
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| <b>Total to Carry Forward</b> |  |  |  |  |

Registration No. \_\_\_\_\_

and Remark:

**AIRFRAME** September 15, 2009 Hobbs: 36.3 **N129NX**  
Dynamically balanced the propeller with Chadwick/Helmuth  
equipment and procedures per the Pilatus maintenance manual.

For Aviation Sales, Inc.  
W. O. 16196

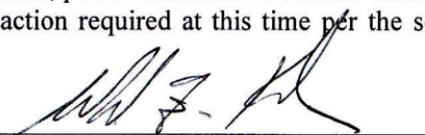
  
Mark E. Biron 2387920 A&P

Certificate No.

**AIRFRAME** October 23, 2009 Hobbs: 36.3 **N129NX**  
Removed nose gear actuator Serial No. 1027A and replaced with new part Serial No. 1064A.  
Operational and leak checks good.

Complied with Pilatus S.B. 76-002, Part 1, power control lever reverse thrust latch sticking  
check. No sticking noted. No further action required at this time per the service bulletin  
instructions.

For Aviation Sales, Inc.  
W.O. 16234

  
Gerald F. Kusmider, A&P 523195989

# AIRCRAFT LOG

| Date  | Aircraft Time |       | Recorder Reading | Maintenance |
|---|---------------|-------|------------------|-------------|
|   | This Date     | Total |                  |             |
| <p><b>AIRFRAME</b>    January 8, 2010    Hobbs: 98.2    Total Time: 98.2    <b>N129NX</b></p> <p style="padding-left: 40px;">Landings: 56    Propeller Total Time: 98.2    Air Conditioner: 12.6</p> <p>Performed a 100 Hour Inspection using the Pilatus PC-12 checklist. Airworthiness Directive compliance checked through Revision 2009-26.</p> <p>Performed engine torque limiter operational check. No discrepancies noted.</p> <p>Complied with Pilatus 6 month corrosion preventative compound condition inspection per the maintenance manual instructions. All checks good at this time.</p> <p>Complied with 15 minute run of vapor cycle cooling system. No discrepancies noted.</p> <p>Complied with 100 hour landing gear shock strut pressure check per Pilatus maintenance manual.</p> <p>Complied with flap actuator lubrication service per Pilatus S.L. 080.</p> <p>Complied with 150 hour elevator cable tension inspection. No defects noted.</p> <p>Complied with engine chip detector checks. No discrepancies noted.</p> <p>Complied with Pilatus S.L. 119 and Hartzell S.L. HC-SL-30-283R2, propeller deice boot lead wire inspection per the service letter instructions. Next inspection due at 198.2 hours or 01/11.</p> <p>Complied with Hartzell S.L. HC-SL-61-254, propeller operating restrictions, by verifying the propeller speed indication to be accurate. Engine rigging for idle speed was found to be within the manufacturer's specifications.</p> |               |       |                  |             |
| <b>Total to Carry Forward</b>   |               |       |                  |             |

Registration No. \_\_\_\_\_

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
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**AIRFRAME** (cont'd.) January 8, 2009?

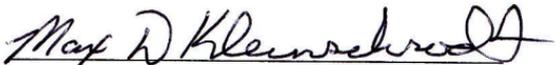
**N129NX**

Complied with Pilatus S.B. 76-002, engine control lever reverse thrust latch inspection, per the service bulletin instructions.

Complied with Pilatus A.D. 2009-14-13, nose gear drag link replacement, by inserting Structural, Component and Airworthiness Limitations document into the manufacturer's maintenance manual as instructed and provided a copy to the aircraft owner for their records.

I certify that this aircraft has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

For Aviation Sales, Inc.  
W.O. 16299

  
Max D. Kleinschrodt, A&P 476802692

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# AIRCRAFT LOG

| Date | Aircraft Time |       | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
|      | This Date     | Total |                  |             |



**DUNCAN AVIATION**™

N129NX  
Pilatus Business Aircraft LTD

Pilatus PC-12/47E  
1129

January 8, 2010

Complied with the following Service Bulletins:

- **SB 21-011 Air Conditioning – Pressurization** Upgrade of cabin pressurization control unit (CPCU) software and part number. Installed software per service bulletin which changed CPCU part number from 959.90.91.142 to 959.90.91.143 with serial number unaffected.
- **SB 45-003 Central Maintenance System** – Upgrade the Honeywell Apex Operational Software to Build 6 P/N 985.99.12.207. Removed two (2) AIOP module cards P/N 985.99.12.144 (S/N 09017762 and 009017766) and installed two (2) new module cards (P/N 982.99.12.190, S/N 0911B188 and 0911B237)
- **Honeywell SB KSG7200-34-09 Navigation – Conversion of KSG 7200 ADAHRS.** Upgraded ADAHRS to software MOD 03/01 with part number change from 065-00188-5102 to 065-00188-5103 with serial number unaffected.

All required ground checks for the above modifications and maintenance have been completed with satisfactory results. Reference **FAA Form 337** dated January 8, 2010 for installation details of the above listed service bulletins.

The above described repair or maintenance is certified airworthy and approved for return to service. A detailed record is on file under work order #UMJJA.

Signed: \_\_\_\_\_  
80112

DUNCAN  
Q1 1022

\_\_\_\_\_ for Duncan Avionics; Englewood, CO

For Duncan Aviation CRS # JG7D076J Phone: 303-649-1790

Total Time: \_\_\_\_\_ Total Landings: \_\_\_\_\_

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| <b>Total to Carry Forward</b> |  |  |  |  |
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**NI29NX PILATUS PC 12/47E S/N 1129 ACTT 181.9 LNDS 105**

Performed an **Annual/100hr. Airframe and Engine Inspection** in accordance with the Pilatus PC-12/47E IETP Doc. #02307, Revision #4 dated April 08, 2010, section 05-20-10 and the Pratt&Whitney Canada EMM P/N 3038336 Rev. 35, dated July 17, 2009, periodic inspection guide, (100hr. & minor inspection items) per section 72-00-00 table 601.

**Accomplished the requirements of PC-12/47E AMM sections 04-00-00, 05-10-10 and 05-10-20 as follows:**

**100hr.** Compressor/Turbine Desalination  
**150hr./1yr.** Flap Actuator Lube  
**200hr.** Generator #1 Brush Wear Check  
**200hr.** Starter/Generator #2 Brush Wear Check  
**200hr.** P3 Air Filter Cleaning  
**200hr./1yr.** Spark Igniter Wear Check  
**400hr./12mo** Ni-Cad Battery #1 Inspect/Service  
**400hr./12mo** Ni-Cad Battery #2 Inspect/Service  
**400hr./12mo** Prop Lube  
**500hr./1yr.** Engine Torque Limiter/Performance Tests  
**500hr./1yr.** Eng.& Stick Pusher Torque Trans Conn. Cleaning  
**600hr.** Eng. Fuel Pump Outlet Filter Replacement  
**600hr./1yr.** Chip Detector Inspection  
**600hr.** Engine Oil Sample (A.O.A. LABS)  
**1000hr./1300cy./Annual** Flap Actuator Backlash Inspection

**3 Mo.** Aircraft Wash  
**6mo.** Airfoil De-ice Boot Treatment  
**3/6/12 mo.** Corrosion Inspection  
**1yr.** Pilot and Co-Pilot Oxygen Mask Inspection Check  
**1yr.** Portable Fire Extinguisher Contents Check  
**1yr.** Emergency Power Supply Capacity Check  
**1yr.** Main and Nose Landing Gear Wheel Bearing Lube  
**1yr./1000hr.** Auto Pilot Servo Mount Clutch Checks  
**1yr./2000hr.** Main Landing Gear Axle And Bushings Inspection  
**1yr./3000hr** Horizontal Stab Trim Runaway Aural Warning Tests  
**1yr./3000hr** Generator Control Unit(GCU) #1 and #2 Over/Under-voltage Trip Protection Functional Test  
**1yr./3000hr** ECS Emergency Shut-off System Test  
**1yr./3000hr** Prop Feathering Micro Switch Tests  
**1yr./3000hr** Pressurization Dump Switch Test  
Operational Check of Air Conditioning System (Run for 15 mins.)

**Performed The Following Maintenance Actions:**

1. Downloaded ACMF files and sent info to Trend Group.
2. Removed battery and external power junction box P/N 974.03.38.141 S/N 235. Re-installed same unit after modification to P/N 974.03.38.142. IAW PC-12/47E AMM 12-B-24-40-01-00A-920A-A. Batt/ext power junction box modified by Bigorre Aerospace Corporation. Ref W.O.# 25537 dated May 21, 2010. Cert.# UT4R582M.
3. Removed Portable Fire Extinguisher P/N BA51015GR-3 S/N 58430 and installed an overhauled unit from HRD Aero Systems, P/N BA51015GR-3 S/N 064407. Ref. HRD W.O. #125018/10663 dated 03/18/2010. Cert. # YN2R325L.

**-continued next page-**



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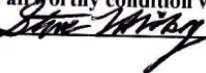
4. Adjusted **aileron cable tensions** IAW Pilatus PC 12/47E AMM 12-B-27-10-00-00A-903A-A
5. Adjusted **rudder cable tensions** IAW Pilatus PC 12/47E AMM 12-B-27-20-00-00A-903A-A
6. Adjusted **elevator cable tensions** IAW Pilatus PC 12/47E AMM 12-B-27-30-00-00A-903A-A
7. Uploaded **Green Terrain Data disc**. Issue date 08 FEB. 2010.
8. Uploaded **Purple Airspace & Comm. Navigation data disc**. Effective date: 06 May 10 – 02 June 10.
9. Adjusted engine **torque limiter** IAW Pilatus PC 12/47E AMM.

**Complied with the following SBs & ADs**

1. **Pratt & Whitney S/B 14425** Regarding external oil scavenge tubes has been found to be N/A by Engine S/N.
2. **Pilatus Rec. S/B 24-025 (Ref.# 238)** Modification to Battery and External Power Junction Box. (Details above)
3. **Pilatus Mand. S/B 34-022 (Ref.# 239)** Modification to ADAHRS to prevent roll attitude offset has been complied with by previous incorporation of Honeywell S/B KSG 7200-34-09 Rev.1. See Duncan Aviation log entry dated Jan. 08, 2010
4. **Pilatus Rec. S/B 23-006 (Ref.# 255)** Improvements To The Airframe Electrical Bonding has been incorporated IAW S/B instructions.
5. **AD 2010-01-03** Concerning portable fire extinguishers; AD is complied with by replacement of portable Halon 1211 BCF fire extinguisher that was manufactured by Fire Fighting Enterprises Limited, with serviceable fire extinguisher as per para. (g)(1) of this AD.
6. **AD 2010-05-02** Concerning the ADAHRS unit roll attitude offset. This AD has been complied with by previous incorporation of Honeywell S/B KSG 7200-34-09 Rev.1 as allowed by Global AMOC dated March 29, 2010. See Duncan Aviation log entry dated Jan. 08, 2010  
Copy of AMOC has been inserted into aircraft log records.
7. **AD 2010-07-02** Regarding Honeywell Primus II RNZ 850/851 is N/A to this aircraft. Equipment not installed.
8. **AD 2010-09-04** Concerning Honeywell Primus APEX flight management systems(FMS) has been complied with by inserting the service information letter(SIL) # D201002000007 into the aircraft flight manual(AFM) per para (g) of this AD.

➤ ADs checked for compliance through **BW 2010-10** and AD listing updated.

**This aircraft and/or component has been repaired and inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.**

Signed: 

W.O# 14866

Dated 05/26/2010

Steve Hickey-Chief Inspector

MARTIN AVIATION, MAINTENANCE

19300 IKE JONES ROAD, SANTA ANA, CA 92707

RS CERT.#M8VR406N

Registration No. \_\_\_\_\_

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
|-------------|-----------|-----------------|

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1720 25-May-2010 WO# 225801 REF# 225801 HOBBS 181.9  
N129NX S/N 1129 PILATUS PC-12/47E

Pg 1 / 1

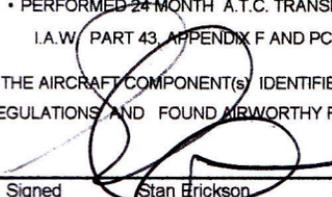
PERFORMED 12 MONTH ELT TEST IN ACCORDANCE WITH FAR 91.207. ELT BATTERY EXPIRATION: APR/2015.

 5-25-10  
Signed DAVID NAM Date

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A, SANTA ANA, CA 92707 CRS YH3R997L  
N129NX PILATUS PC-12/45E S/N 1129 ACFT TT: 280.7 WO# 227499

- PERFORMED 24 MONTH CERTIFICATION OF BOTH PFD ADCs AND STANDBY AIR DATA UNIT REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43, APPENDIX E AND PC 12/47E MAINTENANCE MANUAL 12-B-AM-00-00-00-1 TASK 12-B-34-11-00-00A-903A-A TO 30,800.
- PERFORMED 24 MONTH A.T.C. TRANSPONDER TEST ON BOTH TRANSPONDERS REQUIRED BY F.A.R. 91.413 ACCOMPLISHED I.A.W. PART 43, APPENDIX F AND PC 12/47E MAINTENANCE MANUAL 12-B-AM-00-00-00-1 TASK 12-B-34-54-00-00A-903A-A.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

 17 March 2011  
Signed Stan Erickson Date

# AIRCRAFT LOG

| Date | Aircraft Time |       | Recorder Reading | Maintenance |
|------|---------------|-------|------------------|-------------|
|      | This Date     | Total |                  |             |



N129NX    PILATUS PC 12/47E    S/N 1129    ACTT 280.6    LNDS 170

Performed a **100hr. Airframe and Engine Inspection** in accordance with the Pilatus PC-12/47E IETP Doc. #02307, Revision #5 dated Jan 31, 2011, section 05-20-10 and the Pratt&Whitney Canada EMM P/N 3038336 Rev. 37, dated Oct. 08, 2010, periodic inspection guide, (100hr. & minor inspection items) per section 72-00-00 table 601.

**Accomplished the requirements of PC-12/47E AMM sections 04-00-00, 05-10-10 and 05-10-20 as follows:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>100hr. Compressor/Turbine Desalination</li> <li>150hr./Yr. Flap Actuator Lube</li> <li>200hr. P3 Air Filter Cleaning</li> <li>200hr./Yr. Spark Igniter Wear Check</li> <li>600hr. Eng. Fuel Pump Outlet Filter Replacement</li> <li>600hr./Yr. Chip Detector Inspection</li> </ul> | <ul style="list-style-type: none"> <li>3 Mo. Aircraft Wash</li> <li>3/6 mo. Corrosion Inspection</li> <li>6mo. Airfoil De-ice Boot Treatment</li> <li>Operational Check of Air Conditioning System (Run for 15 mins.)</li> <li>2yr. Standby Compass Swing</li> <li>2yr. FAR 91.411/91.413 Transponder, Altimeter, Static System Checks. (See details below)</li> </ul> |
|---|--|

**Performed The Following Maintenance Actions:**

1. Downloaded **ACMF files** and sent info to Trend Group.
2. **Balanced nose wheel** and re-packed wheel bearings.
3. **2 yr. Static system** leak test and **Transponders** functional tests performed by Western Avionics. Ref. W.O. # 227499 dated 03/17/2011. See Western Avionics log entry dated 03/17/2011.
4. Serviced **oxygen**.

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| <b>Total to Carry Forward</b> |  |  |  |  |
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Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.



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5. Changed cockpit and cabin temperature readout from C to F in APM settings.
6. Replaced tail beacon lamp P/N 34-0226010-91.
7. Re-sealed left main landing gear shock strut. Seal Kit P/N 532.10.12.500.
8. Serviced right main landing gear shock strut.

**Complied with the following SBs & ADs**

1. **Pilatus Mand. S/B # 72-003(Ref. # 267) (PWC S/B 14444R1)** Regarding engine reduction gearbox first stage carrier bolts, has been found to be N/A. No repair or overhaul has been performed on customer power section.
2. **Pilatus SIL # 153 Regarding PWC S/B 14445** is found to be N/A at this time. Installed FCU S/N 16408403 TSN=280.6.
3. **Pratt & Whitney S/B 14447** Regarding inspection of gas generator case is found to be N/A by engine and gas generator case S/N.
4. **Hartzell S/L HC-SL-30-283R1** Recurring inspection of de-ice leads for bonding. No discrepancies at this time.
5. **AD 2010-17-09** Regarding the power control reverse thrust latch has been complied with by previous incorporation of Pilatus S/B 76-002 per para (f)(1) of this AD. See log entry dated 01/08/2010.
  - ADs checked for compliance through **BW 2011-06** and AD listing updated.

**This aircraft and/or component has been repaired and inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.**

Signed Steve Hickey W.O# 15396 Dated 03/18/2011

Steve Hickey-Chief Inspector

MARTIN AVIATION, MAINTENANCE

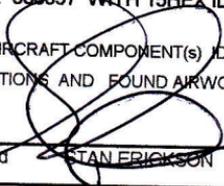
19300 IKE JONES ROAD, SANTA ANA, CA 92707

RS CERT.#M8VR406N

**WESTERN AVIONICS, INC.** 19711 CAMPUS DR. HANGAR A, SANTA ANA, CA 92707 CRS YH3R997L  
N129NX PILATUS PC-12/47E S/N 1129 ACFT TT: 336.2 WO# 227894

Performed 12 Month ELT Test IAW KANNAD Doc# DMA174N dtd 23 Jun 2008 and FAR 91.207 for KANNAD 406AF  
SN: ~~388957~~ WITH 15HEX ID ADC6499D6439B71. Battery Replacement date APRIL 2015.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL  
REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed  STAN ERICKSON

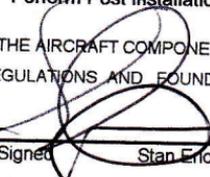
19 MAY 2011

Date

**WESTERN AVIONICS, INC.** 19711 CAMPUS DR. HANGAR A, SANTA ANA, CA 92707 CRS YH3R997L  
N129NX Pilatus PC 12-47/E S/N 1129 HOBBS: 336.2 WO# 227897

- Remove KGP 560 data card 452N and Replace Data card with updated card version 460N.
- Perform Post Installation Check Out per Installation Manual. System checks good.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL  
REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed  Stan Erickson

24 MAY 2011

Date

|                               |  |  |  |
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|                               |  |  |  |
| <b>Total to Carry Forward</b> |  |  |  |

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1823 26-May-2011 WO# 227915 REF# 227915 AC TT 336.2  
N129NX S/N 1129 PILATUS PC-12/47E

Pg 1 / 1

REMOVED HONEYWELL ECS CONTROLLER P/N: 6130C000-002, S/N: 0147. INSTALLED WARRANTY EXCHANGE CONTROLLER P/N: 6130C000-002, S/N: 0197. REMOVAL AND INSTALLATION CONDUCTED IAW PILATUS TASK #12-B-21-60-01-00A-920A-A. TESTING CONDUCTED IAW PILATUS TASK #12-B-21-60-01-00A-903A-A. THIS AIRCRAFT AND/OR COMPONENT HAS BEEN REPAIRED AND INSPECTED IAW APPLICABLE FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE IN AIRWORTHY CONDITION IN RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

  
Signed YH3R997L STAN ERICKSON

5-26-11  
Date

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1825 27-May-2011 WO# 227397 REF# 227397 AC TT 336.2  
N129NX S/N 1129 PILATUS PC-12/47E

Pg 1 / 1

COMPLIED WITH PILATUS SERVICE BULLETIN 34-027 DATED JULY 6, 2010.. THIS AIRCRAFT AND/OR COMPONENT HAS BEEN REPAIRED AND INSPECTED IAW APPLICABLE FEDERAL AVIATION REGULATIONS AND WAS FOUND TO BE IN AIRWORTHY CONDITION IN RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

  
Signed YH3R997L DAVID NAM

5-26-11  
Date





N129NX PILATUS PC 12/47E S/N 1129 ACTT 336.2 LNDS 200

Performed an **Annual/100hr. Airframe and Engine Inspection** in accordance with the Pilatus PC-12/47E IETP Doc. #02307, Revision #5 dated Jan 31, 2011, section 05-20-10 and the Pratt&Whitney Canada EMM P/N 3038336 Rev. 37, dated Oct. 08, 2010, periodic inspection guide, (100hr. & minor inspection items) per section 72-00-00 table 601.

**Accomplished the requirements of PC-12/47E AMM sections 04-00-00, 05-10-10 and 05-10-20 as follows:**

**100hr.** Compressor/Turbine Desalination  
**150hr./1yr.** Flap Actuator Lube  
**200hr.** P3 Air Filter Cleaning  
**200hr./1yr.** Spark Igniter Wear Check  
**200hr.** Generator #1 Brush Wear Check  
**200hr.** Starter/Generator #2 Brush Wear Check  
**400hr./12mo** Ni-Cad Battery #1 Inspect/Service  
**400hr./12mo** Ni-Cad Battery #2 Inspect/Service  
**400hr.** Fuel Manifold and Nozzle Assembly Inspection performed by PWC. Ref WO# 169197 dated 05/17/2011 Cert.# EJ3R477L  
**400hr.** Hot section boroscope (In conj. with fuel nozzle inspection)  
**400hr./12mo** Prop Lube  
**500hr./1yr.** Engine Torque Limiter/Performance Tests  
**500hr./1yr.** Eng.& Stick Pusher Torque Trans Conn. Cleaning  
**600hr./1yr.** Chip Detectors Inspection  
**600hr.** Eng. Fuel Pump Outlet Filter Replacement  
**3 Mo.** Aircraft Wash  
**3/6/12 mo.** Corrosion Inspection

**1000hr./1300cy./Annual** Flap Actuator Backlash Inspection  
**Annual** ELT Functional Test per F.A.R. Part 91.207(d)(See below)  
**1500hr./2yr.** Pressurization System Safety Valve Cleaning  
**1500hr./2yr.** Pressurization System Adjustment/Test  
**1yr.** Pilot and Co-Pilot Oxygen Mask Inspection Check  
**1yr.** Main and Nose Landing Gear Wheel Bearing Lube  
**1yr.** Emergency Power Supply Capacity Check(See details below)  
**1yr.** Portable Fire Extinguisher Contents Check  
**1yr./ 1000hr.** Auto Pilot Servo Mount Clutch Checks  
**1yr./2000hr.** Main Landing Gear Axle And Bushings Inspection  
**1yr./3000hr** Generator Control Unit(GCU) #1 and #2 Over/Under-voltage Trip Protection Functional Tests  
**1yr./3000hr** Pressurization Dump Switch Test  
**1yr./3000hr** ECS Emergency Shut-off System Test  
**1yr./ 3000hr** Horizontal Stab Trim Runaway Aural Warning Tests  
**1yr./3000hr** Prop Feathering Micro Switch Tests  
Operational Check of Air Conditioning System (Run for 15 mins.)

**Performed The Following Maintenance Actions:**

1. Downloaded **ACMF** files and sent info to Trendgroup.
2. **ELT functional test** completed by Western Avionics. See log entry dated 05/19/2011.
3. Removed and re-installed **emergency power supply** for capacity check. **L-3 Com. S/B 501-1712-11 Rev. B** accomplished at this time. See AVIALL cert dated 05/20/2011 WO# 43237510 Cert# RD42488M. Performed satisfactory operational test.
4. Serviced **oxygen**.
5. Removed **fuel flow transmitter** P/N 975.35.12.106 S/N 0846-019. Installed overhauled unit from Pilatus S/N 0826-021 IAW PC-12/47E AMM 12-B-73-30-01-00A-920A-A. See Meggitt Inc. cert dated 05/02/2011 WO# R27777 Cert# FO1R147K.

**Continued next page**



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6. ECS controller replaced by Western Avionics. See log entry dated 05/26/2011.

**Complied with the following SBs & ADs**

1. **Pilatus Rec. S/B # 32-023 (Ref. # 254)** Regarding replacement of the nose wheel steering rod end and retention washer has been complied with IAW S/B instructions.
2. **Pilatus Opt. S/B 34-026 rev# 2 (ref# 258)** Regarding the software upgrade to the Honeywell GNSSU has been complied with per part 1 of this S/B per para 3. See Western Avionics log entry dated 05/26/2011.
3. **Pilatus Rec. S/B 34-027 (ref# 259)** Correcting the magnetometer pitch and roll offsets of channels A and B of the ADAHRS unit. See Western Avionics log entry dated 05/26/2011.
4. **Pilatus Rec. S/B 11-004 rev#1(Ref# 260)** Replaced pilot and co-pilot Vo speeds placards.
5. **Pilatus mand. S/B 34-028 (ref# 263)** Replacement of the ADAHRS. Complied with part A only of this S/B by installing POH temp rev# 17 per para 1 E of this S/B. **Part B is due on or before 09/29/2013 per S/B instructions.**
6. **Pilatus Rec. S/B 31-009 (Ref. # 264)** Regarding modification to the cockpit overhead panel push button switches. Replaced switch caps IAW S/B instructions.
7. **Pilatus Mand. S/B # 72-003(Ref. # 267) (PWC S/B 14444R1)** Regarding engine reduction gearbox first stage carrier bolts, has been found to be N/A. No repair or overhaul has been performed on customer power section.
8. **Pilatus SL #150** Regarding L-3 Communications S/B 501-1712-11 PS-855 Emergency battery wire insulation mod has been complied with. See details above.
9. **Pilatus SIL # 153** Regarding PWC S/B 14445 is found to be N/A at this time. Engine is not currently on an extended TBO program.
10. **Pratt & Whitney S/B 14444R1** Regarding First Stage Carrier Bolt replacement is N/A. No repair or overhaul has been performed on customer power section.
11. **Hartzell S/L HC-SL-30-283R1** Recurring inspection of de-ice leads for bonding. No discrepancies at this time.

ADs checked for compliance through **BW 2011-11** and AD listing updated.

**This aircraft and/or component has been repaired and inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.**

Signed  W.O# 15499 Dated 05/27/2011

**Steve Hickey-Chief Inspector**

**MARTIN AVIATION, MAINTENANCE**

**19300 IKE JONES ROAD, SANTA ANA, CA 92707**

**RS CERT.#M8VR406N**

Registration No. \_\_\_\_\_

| and Remarks | Signature | Certificate No. |
|-------------|-----------|-----------------|
|             |           |                 |



**N129NX**  
Aviation Sales Inc

**Pilatus PC-12/47E**  
1129

**August 3, 2011**

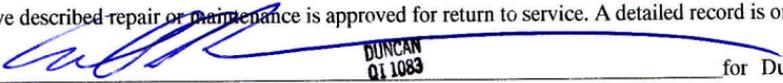
Complied with the following Pilatus Service Bulletin for Build 7:

UPGRADE THE HONEYWELL PRIMUS APEX OPERATIONAL SOFTWARE TO BUILD 7, SB 45-005

Installed "Primus APEX software" P/N 985.99.12.223 (MM7037257-005), "LDI software" P/N 545.45.12.044 and "Custom aircraft options software" P/N:TT60000664-07164.

All required ground checks for the above modifications and maintenance have been completed with satisfactory results. Reference **FAA Form 337** dated August 3, 2011 for installation details of the above listed Service Bulletin.

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order #0V8HA.

Signed:  for Duncan Avionics; Englewood, CO  
80112  
For Duncan Aviation CRS # JG7D076J Phone: 303-649-1790

Total Time: 347.1 Total Landings:         

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Registration No. \_\_\_\_\_



N129NX PILATUS PC 12/47E S/N 1129 ACTT 432.3 LND5 225

Performed a **100hr. Airframe and Engine Inspection** in accordance with the Pilatus PC-12/47E IETP Doc. #02307, Revision #6 dated Sept. 01, 2011, DMC 12-B-05-20-10-00A-281A-A and the Pratt & Whitney Canada EMM P/N 3038336 Rev. 37, dated Oct. 08, 2010, periodic inspection guide, (100hr. & minor inspection items) per section 72-00-00 table 601.

**Accomplished the requirements of PC-12/47E AMM sections 04-00-00, 05-10-10 and 05-10-20 as follows:**

**100hr.** Compressor/Turbine Desalination  
**150hr./Yr.** Flap Actuator Lube  
**200hr.** P3 Air Filter Cleaning  
**200hr./Yr.** Spark Igniter Wear Check  
**500hr.** Heat Exchanger Matrix Inspection  
**500hr.** Cold Air Unit Re-oil

**500hr.** Water Separator Condenser Cleaning  
**600hr.** Eng. Fuel Pump Outlet Filter Replacement  
**600hr./Yr.** Chip Detector Inspection  
**3 Mo.** Aircraft Wash  
**3/6 mo.** Corrosion Inspection  
**6mo.** Airfoil De-ice Boot Treatment  
Operational Check of Air Conditioning System (Run for 15 mins.)

**Performed The Following Maintenance Actions:**

1. Downloaded **ACMF** files and sent info to Trend Group.
2. **Uploaded current chart disc** (blue) Disc 25-2011 and Airspace, Comm and Nav data (purple) Disk 13-2011.
3. Removed **right and left brake assemblies** P/N 2-1674-1 for inspection. Disassembled, cleaned and inspected IAW BFG Brake CMM 2-1674-1. Reinstalled and bled brakes IAW Pilatus PC 12 AMM. Current S/N Position; Right 1327. Left 1294.
4. Replaced prop **feedback ring carbon block**, P/N A3026.
5. Cleaned, inspected and **re-lubed nose wheel bearings**.
6. Replaced left main landing gear **door chafe strip** P/N 557.24.12.215.
7. Replaced **lower beacon lamp**, P/N 34-0226010-91.
8. Replaced **taxi light bulb** P/N GE 4626.

-continued next page-

# AIRCRAFT LOG



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## Complied with the following SBs & ADs

1. **REV. 1 to Pilatus Mand. S/B 76-002(Ref. # 242)** Inspection only was previously complied with by Aviation Sales on Jan. 08 2010 with no discrepancies noted. No further action is required by Rev. 1 of this S/B.
2. **Pilatus Rec. S/B 24-027(Ref. # 272)** Regarding inspection of the L/H power junction box(LHPJB) current sensor and bus bar gap. Performed inspection and found no defects at this time. Re-identified label with red mark IAW S/B instructions.
3. **Pilatus Rec. S/B 24-028 (Ref.#274)** Installed water protection for electrical equipment panel on frame 10 using kit P/N 500.51.12.022 and covers (2 ea.) P/N 591.50.12.100 IAW S/B accomplishment instructions. Weight/Balance revised.
4. **Pilatus Rec. S/B 31-013(Ref. # 275)** Regarding replacement of the overhead control panel bus-tie circuit breaker has been complied with IAW S/B instructions. Installed new "type plate" changing (OCP) P/N from P/N 972.81.21.153 to P/N 972.81.21.155 S/N 0138
5. **Pilatus Rec. S/B 34-032(Ref. #277)** Regarding modification of the global navigation system sensor unit(GNSSU) has been complied with by Western Avionics. See log entry dated 12/22/2011.
6. **Pilatus Mand. S/B 34-033(Ref. #280)** Regarding installation of an updated ADAHRS KSG 7200. Units are unavailable at this time. Temp Rev #17 previously inserted into AFM per Pilatus S/B 34-028. ADAHRS unit must be upgraded to H/W MOD 4 (Pilatus P/N 985.99.12.245) no later than 09/29/2013.
7. **Hartzell S/L HC-SL-30-283R1** Recurring inspection of de-ice leads for bonding. No discrepancies at this time.
8. **Pilatus SIL # 157** Regarding Zodiac Aerospace S/B MHX-35-240 is found to be N/A on crew oxygen masks currently installed.
9. **AD 2011-14-08** Regarding B/E Aerospace continuous air flow oxygen masks, is found to be N/A to masks currently installed.

➤ ADs checked for compliance through **BW 2011-26** and AD listing updated.

This aircraft and/or component has been repaired and inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.

Signed 

W.O# 15839

Dated 12/23/2011

Steve Hickey-Chief Inspector

MARTIN AVIATION, MAINTENANCE

19300 IKE JONES ROAD, SANTA ANA, CA 92707

RS CERT.#M8VR406N



# AIRCRAFT LOG

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1884 25-May-2012 WO# 229928 REF# 229928 HOBBS 518.1  
N129NX S/N 1129 PILATUS PC-12/47E

Pg 1 / 1

REMOVED HONEYWELL KSG 7200 ADAHRS P/N: 065-00188-5103, S/N: KSG7200-B1365. INSTALLED WARRANTY EXCH  
UNIT P/N: 065-00188-5103, S/N: KSG7200-B1290. THIS REPLACEMENT IS IAW PILATUS SERVICE BULLETIN  
34-033. THIS AIRCRAFT AND/OR COMPONENT HAS BEEN REPAIRED AND INSPECTED IAW APPLICABLE FEDERAL  
AVIATION REGULATIONS AND WAS FOUND TO BE IN AIRWORTHY CONDITION IN RESPECT TO THE WORK PERFORMED AND  
IS APPROVED FOR RETURN TO SERVICE.

Signed  YH3R997L STAN ERICKSON

5-23-12  
Date

WESTERN AVIONICS, INC. 19711 CAMPUS DR. HANGAR A SANTA ANA, CA 92707 YH3R997L  
LOG ID# 1885 25-May-2012 WO# 229980 REF# 229980 HOBBS 518.2  
N129NX S/N 1129 PILATUS PC-12/47E

Pg 1 / 1

INSTALLED BUILD 8.3.3 SOFTWARE IAW PILATUS SERVICE BULLETIN 45-009 DATED APRIL 4, 2012. THIS  
AIRCRAFT AND/OR COMPONENT HAS BEEN REPAIRED AND INSPECTED IAW APPLICABLE FEDERAL AVIATION  
REGULATIONS AND WAS FOUND TO BE IN AIRWORTHY CONDITION IN RESPECT TO THE WORK PERFORMED AND IS  
APPROVED FOR RETURN TO SERVICE.

Signed  YH3R997L STAN ERICKSON

5-25-12  
Date

|                        |  |  |  |  |
|------------------------|--|--|--|--|
| Total to Carry Forward |  |  |  |  |
|------------------------|--|--|--|--|



N129NX PILATUS PC 12/47E S/N 1129 ACTT 518.1 LNDS 298

Performed an **Annual/100hr. Airframe and Engine Inspection** in accordance with the Pilatus PC-12/47E IETP Doc. #02307, Revision #8 dated Jan. 30, 2012, DMC 12-B-05-20-10-00A-281A-A and DMC 12-B-05-20-20-00A-281A-A and the Pratt&Whitney Canada EMM P/N 3038336 Rev. 38, dated Jan. 27, 2012, periodic inspection guide, (100hr. & minor inspection items) per section 72-00-00 table 601.

**Accomplished the requirements of PC-12/47E AMM sections 04-00-00, 05-10-10 and 05-10-20 as follows:**

**100hr.** Compressor/Turbine Desalination

**150hr./1yr.** Flap Actuator Lube

**200hr.** Generator #1 Brush Wear Check

**200hr.** Starter/Generator #2 Brush Wear Check

**200hr.** P3 Air Filter Cleaning

**200hr./1yr.** Spark Igniter Wear Check

**400hr./12mo** Ni-Cad Battery #1 Inspect/Service

**400hr./12mo** Ni-Cad Battery #2 Inspect/Service

**400hr./12mo** Prop Lube

**500hr./1yr.** Engine Torque Limiter/Performance Tests

**500hr./1yr.** Eng.& Stick Pusher Torque Trans Conn. Cleaning

**600hr./1yr.** Chip Detectors Inspection

**600hr.** Compressor Inlet Inspection

**600hr.** Eng. Fuel Pump Outlet Filter Replacement

**600hr.** Cabin Auxiliary Heater Thermal Protection Switch Test

**600hr.** Underfloor Heater Thermal Protection Switch Functional Test

**3 Mo.** Aircraft Wash

**3/6/12 mo.** Corrosion Inspection

**6mo.** Airfoil De-ice Boot Treatment

**1000hr./1300cy./Annual** Flap Actuator Backlash Inspection

**Annual** ELT Functional Test per F.A.R. Part 91.207(d)(see below)

**1yr.** Pilot and Co-Pilot Oxygen Mask Inspection Check

**1yr.** Portable Fire Extinguisher Contents Check

**1yr.** Emergency Power Supply Capacity Check

**1yr.** Main and Nose Landing Gear Wheel Bearing Lube

**1yr./ 1000hr.** Auto Pilot Servo Mount Clutch Checks

**1yr./2000hr.** Main Landing Gear Axle And Bushings Inspection

**1yr./3000hr** Prop Feathering Micro Switch Tests

**1yr./ 3000hr** Horizontal Stab Trim Runaway Aural Warning Tests

**1yr./3000hr** ECS Emergency Shut-off System Test

**1yr./3000hr** Generator Control Unit(GCU) #1 and #2 Over/Under-voltage Trip Protection Functional Test

**1yr./3000hr** Pressurization Dump Switch Test

**3yr.** Pax Oxygen Masks Inspection/Check

Operational Check of Air Conditioning System (Run for 15 mins.)

**Performed The Following Maintenance Actions:**

1. Annual ELT test completed by Western Avionics. See log entry dated 05/16/2012.
2. Downloaded ACMF files and sent info to Trendgroup.
3. Adjusted rudder cable tensions to within limits IAW PC-12 AMM 12-B-27-20-00-00A-903A-A.
4. Removed L/H main tire P/N 021-350-0 S/N 8170W00602. Installed new tire S/N 2021S00406.
5. Serviced oxygen.
6. Installed hydraulic system low pressure switch o-ring P/N MS28778-4. Performed satisfactory leak check.
7. Adjusted engine reverse power setting IAW Pilatus PC 12/47E AMM.

-continued next page-

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Complied with the following SBs & ADs

1. **Pilatus Mand. S/B 34-028 Rev# 1 part(B)(Ref. # 263)** Regarding replacement of the ADAHRS unit. This S/B has been superseded by Pilatus S/B 34-033 (Ref.# 280). See below.
2. **Rev. 2 and 3 to Pilatus Rec. S/B 45-005 (Ref# 265)** Regarding Honeywell primus APEX software to build 7. Completed the requirements of revisions (2) and (3). Removed temp revision #18 from POH and part 1 to S/B 34-032 was previously completed by Western Avionics. See log entry dated 12/16/2011 WO# 229101.
3. **Pilatus Rec. S/B 23-007(Ref. # 276)** Regarding modification of the pilot and co-pilot oxygen mask mic wiring. Modified wiring IAW S/B instructions.
4. **Pilatus Mand. S/B 34-033 part(B)(Ref.# 280)** Regarding replacement of the ADAHRS unit with a hardware (MOD 4) unit. This S/B has been complied with by Western Avionics. Ref. W.O.#229928 and log entry dated 05/23/2012. Cert.#YH3R997L Removed POH temporary Rev.#17.
5. **Pilatus Rec. S/B 31-014 (Ref# 281)** Regarding battery replacement of the Thommen Chronograph Q15-948.22.05.1.AA. S/B has been found to be N/A by P/N of installed unit.
6. **Pilatus Rec. S/B 31-015 (Ref# 282)** Regarding wiring change to the Davtron clock power supply. S/B has been found to be N/A. Equipment not installed.
7. **Pilatus Rec. S/B 24-030 (Ref# 285)** Regarding re-routing and protection of wire looms in the wing root fairings has been complied with IAW S/B instructions.
8. **Pilatus Rec. S/B 45-009 (Ref# 289)** Regarding Build 8.3.3 has been accomplished by Western Avionics. Ref. W.O.#229980 and log entry dated 05/25/2012. Cert.#YH3R997L. ( **Blue disc** issue date 11-May-2012, **Purple disc** APF Pilatus 8 and **Green disc** issue date 25-Apr-2012 uploaded by Western Avionics at this time.)
9. **Pilatus SIL # 163** Regarding Avox First Aid Kits is superseded by Pilatus SIL# 164.(See below)
10. **Pilatus SIL # 164** Regarding Avox First Aid Kits is found to be N/A, equipment not currently installed in this aircraft.
11. **Hartzell HC-SL-30-283 R1** Inspection of de-ice boot leads. No discrepancies noted.
12. **AD 2011-21-08** Regarding Sicma Aero Seat Backrest Links Inspection is found to be N/A by affectivity.

➤ ADs checked for compliance through **BW 2012-10** and AD listing updated.

**This aircraft and/or component has been repaired and inspected in accordance with current Federal Air Regulations and was found to be in an airworthy condition with respect to the work performed and is approved for return to service.**

Signed 

W.O.# 16078

Dated 05/25/2012

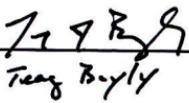
Steve Hickey-Chief Inspector

MARTIN AVIATION, MAINTENANCE

19300 IKE JONES ROAD, SANTA ANA, CA 92707

RS CERT.#M8VR406N

# Registration No. \_\_\_\_\_

| and Remarks  | Signature   | Certificate No.     |
|--|---|---------------------|
| <p>N129NX PC12/47E S/N 1129 ACTT 589.3<br/>                     Removed taxi light and replaced with new P/N 4626.<br/>                     OPS check satisfactory.<br/>                     END</p> |  <p>Terry Boyly</p> | <p>COMM 3029463</p> |

|   |              |   |                                |                 |
|---|--------------|---|--------------------------------|-----------------|
| 'Flight-Deck Avionics, LLC'   |              | 369 N. 2370 W. Suite 102, Salt Lake City, UT 84116;<br>3455 W. Mike Jense Pkwy, Suite 201, Provo, UT 84601; | CRS# F62R677Y<br>CRS# F62D677Y | Form No. FD-007 |
| Tail #: N129NX  | Mfg: Pilatus | Model: PC12/47E   | Serial: 1129                   |                 |
| This Is A Permanent Logbook Entry:<br><br>Performed 24 month certification of both PFD's ADAHRS channels and Standby ESIS units required by FAR 91.411 IAW FAR 43, Appendix E, and PC 12/47E Maintenance Manual 12-B-AM-00-00-00-1, Task 12-B-34-11-00-00A-903A-A to 35,000ft.<br>Performed 24 month ATC Transponder test on both Transponders required by FAR 91.413 IAW FAR 43, Appendix F, and PC 12/47E Maintenance Manual 12-B-AM-00-00-00-1, Task 12-B-34-54-00-00A-903A-A. |              |   |                                |                 |
| The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 6125 .  |              |   |                                |                 |
| Signed: <b>Matthew Drake</b>  |              | Date: <b>03/13/2013</b>   |                                |                 |
| <small>Digitally signed by Matthew Drake<br/>                 DN: cn=Matthew Drake, o=Flight-Deck Avionics LLC, ou,<br/>                 email=matdrake@flightdeckavionics.com, c=US<br/>                 Date: 2013.03.14 12:37:28 -0700</small>   |              |   |                                |                 |
| (FAA CRS# F62R677Y / F62D677Y)  |              |   |                                |                 |

**'Flight-Deck Avionics, LLC'**369 N. 2370 W. Suite 102, Salt Lake City, UT 84116;  
3455 W. Mike Jense Pkwy Suite 201, Provo, UT 84601:CRS# F62R677Y  
CRS# F62D677Y

Form No. FD-009

Tail #: N129NX

Mfg: Pilatus

Model: PC12/47E

Serial: 1129

This Is A Permanent Logbook Entry:

Performed tests and  
inspections in accordance  
with FAR 43 :

Appendix E to comply with FAR 91.411



Appendix F to comply with FAR 91.413

| UNIT          | MFG            | MODEL             | PART #         | SERIAL #      | TEST ALTITUDE |
|---------------|----------------|-------------------|----------------|---------------|---------------|
| Encoder/ADC   | Honeywell      | KSG7200Adahrs ch1 | 065-00188-5103 | KSG7200-B1290 | 35K           |
| Encoder/ADC   | Honeywell      | KSG7200Adahrs ch2 | 065-00188-5103 | KSG7200-B1290 | 35K           |
| Altimeter 3   | ThalesAvionics | ESIS              | C16221JA01     | C16221013379  | 35K           |
| Transponder 1 | Honeywell      | KXP 2290          | 066-01198-0101 | 1394          | 35K           |
| Transponder 2 | Honeywell      | KXP 2290          | 066-01198-0101 | 1346          | 35K           |

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 6125 .

Signed: Matthew DrakeDigitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight-Deck Avionics LLC, ou,  
email=mattdr@flight-deck-avionics.com, c=US  
Date: 2013.03.13 15:03:00 -0700Date: 03/13/2013

(FAA CRS# F62R677Y / F62D677Y)

Recertification Due: 03/2015Total to  
Carry Forward

W/O#: 36U-13P-4335  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 677.2  
Hobbs: 677.2  
Cycles: 373  
SMOH: N/A

o.

**SB34-038** (Ref No. 305), Modification to the Electronic Standby Instrument System (ESIS) Power Return Wires, complied with IAW the bulletin instructions for Config. 1 Aircraft. No further action required.

**AD2012-26-16**, To Incorporate New Revisions to the Limitations Section of the FAA Approved Maintenance Program, C/W IAW Directive as follows: Para. (f)(1) N/A per Aircraft Model & S/N/ Paragraph (f)(2) does not apply - New P/N installed @ Factory. Para. (f)(3) C/W by inserting data module code 12-B-04-00-00-00A-000A-A, "STRUCTURAL, COMPONENT AND MISCELLANEOUS-AIRWORTHINESS LIMITATIONS," dated Oct 15, 2012, of the Pilatus Model Identification: 12 AMM, PC-12/47E AMM Document No. 02300, 12-B-AM-00-00-00-I, Rev. 9, dated Dec 15, 2012, for Model PC-12/47E into the Limitations Section of the FAA-approved Maintenance Program. Permanently C/W as long as current data is used to track Aircraft Inspections and Life-Limited Components.

**AD2012-26-15**, To Prevent Pressure Measurement Errors, does not apply per Directive Paragraph (c). Verified the ADAHRS P/N: 065-00188-5103, S/N: KSG7200-B1290 that was installed on 5/23/12 is not listed in Table 12 of Honeywell Alert SB ADM/ADC/ADAHRS-34-A01. No further action required.

**AD2012-14-15**, Misleading Information During LP, LPV, or SBAS LNAV / VNAV Approaches, C/W IAW AMOC Docket No. FAA-2012-0758, dated July 20, 2012 by Incorporating TR No. 26 into the PC-12/47E AFM Report No. 02277 Supplement No. 5, dated July 20, 2012, and Fabricated & Installed a Placard Stating "LPV Based Approaches are Prohibited" in clear view of pilot.

**AD2011-11-04**, Portable Halon 1211 Fire Extinguisher, does not apply - Affected Extinguisher P/N: 863520-00 is not installed.

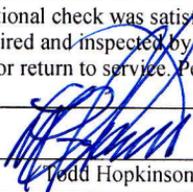
**Addressed the following Discrepancies:**

LH Strobe Light Assembly P/N: 972.87.87.322 (03-2201-0002), S/N: 37663 removed. Installed a new LH Strobe P/N: 972.87.87.322 (03-2201-0002), S/N: 26358007 IAW 12-B-33-43-02-00A-920A-A. Operational check was satisfactory.

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: 4/23/13

Authorized Inspector: \_\_\_\_\_

  
Todd Hopkinson

W/O#: 36U-13P-4346  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 692.4  
Hobbs: 692.4  
Cycles: 380  
SMOH: N/A

I certify that this aircraft has been inspected in accordance with a **100-Hour / 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: 04/2015.

**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.

12 month Cockpit Fire Extinguisher Inspection IAW manufacturer's instructions. Weight: 2.10 kg.

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

Emergency Power Supply removed, capacity checked, and re-installed IAW AMM 12-B-24-52-51-00A-920A-A & CMM.

#1 (FWD) NiCad Battery Type: PTSP-400-1, P/N: 31406-002, S/N: 10802634 removed and sent out for 12-Month Service.

#2 (AFT) NiCad Battery Type: PTSP-400-1, P/N: 31406-002, S/N: 10802630 removed and sent out for 12-Month Service.

Batteries (same S/N's) re-installed IAW AMM 12-B-24-30-07-00A-920A-A after Deep Cycle performed by Helicopter Services of Utah W/O#: 16078 (See 8130's). Operational checks were satisfactory.

L / R Inboard & Outboard Flap Actuators Lubrication IAW AMM 12-B-27-50-00-00A-902A-A.

MLG Axle / Bushes Inspection 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.

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.

Pressurization Safety Valve Removal / Cleaning IAW AMM 12-B-21-30-02-00A-250A-A.

Pressurization System Adjustment / Test IAW AMM 12-B-21-30-00-00A-903A-A.

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

GCU 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.

Standby Magnetic Compass - Checked Swing IAW AMM 12-B-34-21-00-00A-903A-A.

Starter / Generator 2 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. Within limits.

Generator 1 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. Within limits.

(Continued on Next Page)

Total

Carry Forward

W/O#: 36U-13P-4346  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 692.4  
Hobbs: 692.4  
Cycles: 380  
SMOH: N/A

**(Continued From Previous Page)**

Avox Oxygen Cylinder & Regulator Assembly P/N: 895-06022, S/N: C08051719 removed and sent out for Hydrostat. Re-installed same Cylinder Assy IAW AMM 12-B-35-10-01-00A-920A-A after Hydrostat performed by Universal Cylinder Service, Inc. (DOT Registration No. D403). Hydrostat Next Due: May 2018. Operation / leak checks were satisfactory.

Performed the Flap Actuator Backlash Check IAW AMM 12-B-27-50-03-00A-313B-A. Gap measurements are as follows:

#1 - P/N: 978.73.20.309, S/N: 3397 = .007" / #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 = .009".

**Complied with the following Service Bulletins:**

**SB11-005** (Ref No. 287), Fuel Filler Placards, C/W by installing Placards P/N: 511.24.12.057 IAW Bulletin Instructions.

**SB57-006** (Ref No. 295), Inspection of the Flap Support Arm Attachments, C/W IAW Part 1 of the Bulletin Instructions - No faults found. No further action required.

**SB34-035** (Ref No. 296), Honeywell Global Navigation System Sensor Units (GNSSU), C/W IAW Part 2 of the Bulletin Instructions by removing the existing GNSSU's and installing Updated Units as follows:

#1 KGS 200 GNSSU P/N: 066-01201-0104, S/N: KGS200-1281 removed.

Installed Repaired #1 KGS 200 GNSSU P/N: 066-01201-0105, S/N: KGS200-1258.

#2 KGS 200 GNSSU P/N: 066-01201-0104, S/N: KGS200-1132 removed.

Installed Modified #2 KGS 200 GNSSU P/N: 066-01201-0105, S/N: KGS200-1786.

Removed AFM Temporary Revision 26 from POH, and removed temporary installed placard. No further action required.

**SB23-009 RI** (Ref No. 297), Upgrade of Honeywell KTR 2280 Multi-Mode Digital Radio Software (MMDR), C/W IAW Part 2 by removing the existing MMDR's and installing Updated Units as follows:

#1 KTR 2280 MMDR P/N: 069-01037-0102, S/N: 3044 removed. Installed Modified #1 Unit P/N: 069-01037-0102, S/N: 3378.

#2 KTR 2280 MMDR P/N: 069-01037-0102, S/N: 3047 removed. Installed Modified #2 Unit P/N: 069-01037-0102, S/N: 1189

IAW Bulletin Instructions. Checks were satisfactory.

**SB21-012** (Ref No. 307), Compressor Condenser Assembly - Replace Incorrect Binary Pressure Switch, does not apply. Installed Assy S/N: 1037 is not listed in the effectivity Section of Enviro Systems, Inc. SB12-101. No further action required.

**(Continued on Next Page)**

# AIRCRAFT LOG

W/O#: 36U-13P-4346  
 Make: Pilatus  
 Model: PC-12/47E  
 S/N: 1129  
 Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
 Total Time: 692.4  
 Hobbs: 692.4  
 Cycles: 380  
 SMOH: N/A

(Continued From Previous Page)

**Complied with the following Service Bulletins / Airworthiness Directives:**

**AD2012-14-15**, Honeywell KGS200 Mercury2 WAAS GNSSU, PCW per AMOC (L115W-12-618), Event Number: 20120021, dated Sept 13, 2012. GNSSU's were replaced with Upgraded Units IAW Part 2 of SB34-035. Both Units are now P/N: 066-01201-0105, #1 S/N: KGS200-1258 / #2 S/N: KGS200-1786. Directive Paragraphs (g) & (h) are no longer required.

**Addressed the following Discrepancies:**

Serviced the NLG Shock Absorber with Dry Nitrogen Only IAW AMM 12-B-32-20-00-00A-902A-A.  
 Serviced the Hydraulic System Reservoir with Fluid & Dry Nitrogen IAW AMM 12-B-29-00-00-00A-902A-A.  
 Hydraulic Low Pressure Switch O-ring replaced with new P/N: MS28778-4 IAW AMM 12-B-29-10-03-00A-920A-A.  
 Serviced the Hydraulic Accumulator with Nitrogen IAW AMM 12-B-29-10-02-00A-901A-A as needed.  
 Beta Arm Carbon Block replaced with new P/N: CA3026 IAW AMM 12-B-61-10-01-00A-920A.  
 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: 5/16/13

Authorized Inspector: 

Jeff Dowling

Page 3 of 3

|                               |  |  |  |  |
|-------------------------------|--|--|--|--|
|                               |  |  |  |  |
| <b>Total to Carry Forward</b> |  |  |  |  |

W/O#: 36U-14P-4548  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 801.2  
Hobbs: 801.2  
Cycles: 435  
SMOH: N/A

I certify that this aircraft has been inspected in accordance with a **100-Hour / 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: 4/2015

**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.

12 month Cockpit Fire Extinguisher Inspection IAW manufacturer's instructions.

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

L / R Inboard & Outboard Flap Actuators Lubrication IAW AMM 12-B-27-50-00-00A-902A-A.

Emergency Power Supply removed, capacity checked, and re-installed IAW AMM 12-B-24-52-51-00A-920A-A & CMM.

NiCad Batteries Model: PTSP-400-1, P/N: 31406-002, #1 (FWD) S/N: 10802634 & #2 S/N: 10802630 removed and sent out for

12 month / Deep Cycle Service. Re-installed same Batteries after Service performed by Helicopter Services of Utah W/O: 4787.

MLG Axle / Bushes Inspection 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.

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.

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.

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

Duct Over-Temperature Switch Remove / Test IAW AMM 12-B-21-60-05-00A-903A-A.

Over-Temperature Switch Remove / Test IAW AMM 12-B-21-40-06-00A-903A-A.

Flight Control Cables Inspection (Including AP & SP Cables) IAW AMM 12-B-27-00-00-00A-313A-A & Associated Sections.

Pitch Trim Actuator P/N: 978.73.14.203, S/N: 1028 (TSN: 801.2 / CSN: 435) removed. Installed a NEW Actuator P/N:

978.73.14.203, S/N: 1428 (TSN: 00.00 / CSN: 00) IAW AMM 12-B-27-40-01-00A-920A-A.

(Continued on Previous Page)

W/O#: 36U-14P-4548  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 801.2  
Hobbs: 801.2  
Cycles: 435  
SMOH: N/A

**(Continued From Previous Page)**

Flap Actuator Backlash Check IAW AMM 12-B-27-50-03-00A-313B-A. Gap measurements are as follows:

#1 - P/N: 978.73.20.309, S/N: 3397 = .006" / #2 - P/N: 978.73.20.309, S/N: 3407 = .007".

#3 - P/N: 978.73.20.309, S/N: 3449 = .008" / #4 - P/N: 978.73.20.309, S/N: 3438 = .009".

**Complied with the following Service Letters / Service Bulletins / Airworthiness Directives:**

**Pilatus SL 173**, Engine Torque Limiter Inspection, C/W IAW Paragraph 3. of **P&WC SB No. 14473** - No faults found. Torque Limiter has been in service over 800 hrs. No further action required.

**Pilatus SB72-004** (Ref No. 310), Inspection of Fuel Nozzle Assemblies IAW **P&WC SB No. 14357**, does not apply. No Tips were replaced during last Nozzle Service on 5/16/13 @ 692.4 ACTT - Prior Service on 5/27/11 @ 336.2 is outside Bulletin Affected Dates.

**AD2013-19-10**, ESIS Power Return Wiring Modification, was previously / permanently C/W IAW **SB34-038** on 4/23/13 @ 677.2 ACTT. No further action required.

**Addressed the following Discrepancies:**

Removed CPCU P/N 2119232-3, S/N 2119232-00134 and installed Tested CPCU P/N 2119232-3, S/N 2119232-00104.

Performed Cabin Pressurization Control Unit (CPCU) R/R IAW AMM 12-B-21-30-01-00A-920A-A

Cabin Pressurization Control System (CPCS) Operational Test IAW AMM 12-B-21-30-01-00A-903A-A

All Tests were satisfactory.

Lamp in Upper Beacon replaced with new P/N: 972.87.87.333.

RH Main Tire replaced with a new 8.50-10, 10 ply Michelin Aviator Tire P/N: 021-350-0, S/N: 3176S00276.

Serviced the Hydraulic Accumulator with Nitrogen IAW AMM 12-B-29-10-02-00A-901A-A 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: 5/21/14

Authorized Inspector: 

Jeff Dowling

Total  
Carry

W/O#: 36U-14P-4496  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 741.7  
Hobbs: 741.7  
Cycles: 410  
SMOH: N/A

*OUT OF SERVICE*

No.

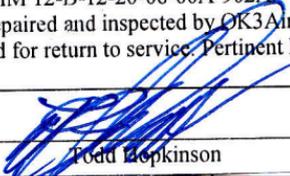
**Addressed the following Discrepancies:**

Adjusted the ACS Firewall Shut-off Switch IAW AMM. Operational check was satisfactory.

RH Main Tire replaced with a new 8.50-10, 10-Ply Michelin Aviator Tire P/N: 021-350-0, S/N: 2303S00101 IAW applicable AMM & CMM. Cleaned, inspected, and packed the RH Main Wheel Bearings IAW AMM 12-B-12-20-06-00A-902A.

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: 1/29/14

Authorized Inspector: 

Todd Hopkinson

W/O#: 36U-14P-4562  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

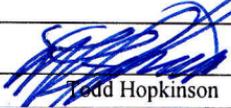
Tach: N/A  
Total Time: 805.9  
Hobbs: 805.9  
Cycles: 439  
SMOH: N/A

**Addressed the following Discrepancies:**

Cabin Pressurization Control Unit (CPCU) P/N: 2119232-3, S/N: 2119232-00104 removed. Installed "Repaired" CPCU P/N: 2119232-4, S/N: 2119232-00398 IAW AMM 12-B-21-30-01-00A-920A-A. Cabin Pressurization Control System (CPCS) Operational Test IAW AMM 12-B-21-30-01-00A-903A-A satisfactory.

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: 5/28/14

Authorized Inspector: 

Todd Hopkinson



'Flight-Deck Avionics, LLC'

369 N. 2370 W. Suite 102, Salt Lake City, UT 84116:  
3455 W. Mike Jense Pkwy, Suite 201, Provo, UT 84601:

CRS# F62R677Y  
CRS# F62D677Y

Form No. FD-007

Tail #: N129NX

Mfg: Pilatus

Model: PC12/47E

Serial: 1129

This Is A Permanent Logbook Entry:

Performed 24 month certification of both PFD's ADAHRS channels and Standby ESIS units required by FAR 91.411 IAW FAR 43, Appendix E, and PC 12/47E Maintenance Manual 12-B-AM-00-00-00-1, Task 12-B-34-11-00-00A-903A-A to 35,000ft.

Performed 24 month ATC Transponder test on both Transponders required by FAR 91.413 IAW FAR 43, Appendix F, and PC 12/47E Maintenance Manual 12-B-AM-00-00-00-1, Task 12-B-34-54-00-00A-903A-A.

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 6844 .

Signed: **Matthew Drake**

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight-Deck Avionics, LLC, ou=Flight-Deck Avionics, email=mat@flightdeckavionics.com, c=US

Date: 03/24/2015

'Flight-Deck Avionics, LLC'

369 N. 2370 W. Suite 102, Salt Lake City, UT 84116:  
3455 W. Mike Jense Pkwy Suite 201, Provo, UT 84601:

CRS# F62R677Y  
CRS# F62D677Y

Form No. FD-009

Tail #: N129NX

Mfg: Pilatus

Model: PC12/47E

Serial: 1129

This Is A Permanent Logbook Entry:

Performed tests and inspections in accordance with FAR 43 :

Appendix E to comply with FAR 91.411

Appendix F to comply with FAR 91.413

| UNIT          | MFG            | MODEL              | PART #         | SERIAL #      | TEST ALTITUDE |
|---------------|----------------|--------------------|----------------|---------------|---------------|
| ADC/Encoder   | Honeywell      | KSG7200 Adahrs ch1 | 065-00188-5103 | KSG7200-B1290 | 35K           |
| ADC/Encoder   | Honeywell      | KSG7200 Adahrs ch2 | 065-00188-5103 | KSG7200-B1290 | 35K           |
| Altimeter 3   | ThalesAvionics | ESIS               | C16221JA01     | C16221013379  | 35K           |
| Transponder 1 | Honeywell      | KXP 2290           | 066-01198-0101 | 1394          | 35K           |
| Transponder 2 | Honeywell      | KXP 2290           | 066-01198-0101 | 1346          | 35K           |

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 6844 .

Signed: **Matthew Drake**

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight-Deck Avionics, LLC, ou=Flight-Deck Avionics, email=mat@flightdeckavionics.com, c=US

Date: 03/24/2015

(FAA CRS# F62R677Y / F62D677Y)

Recertification Due: 03/31/2017

ificate No.

W/O#: 36U-15P-4753  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 909.6  
Hobbs: 909.6  
Cycles: 488  
SMOH: N/A

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: Dec 2021.

**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.  
12 month Cockpit Fire Extinguisher Inspection 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.  
L / R Inboard & Outboard Flap Actuators Lubrication IAW AMM 12-B-27-50-00-00A-902A-A.  
Emergency Power Supply removed, capacity checked, and re-installed IAW AMM 12-B-24-52-51-00A-920A-A & CMM.  
MLG Axle / Bushes Inspection 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.  
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.  
Generator 1 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. (**Gen 1 replaced - See Below**).  
Starter / Generator 2 Cleaning & Brushes Inspection IAW AMM 12-B-24-30-01-00A-313A-A. Approx. 15% life remaining.  
Standby Magnetic Compass - Checked Swing IAW AMM 12-B-34-21-00-00A-903A-A.  
Pressurization Safety Valve Removal / Cleaning IAW AMM 12-B-21-30-02-00A-250A-A.  
Cabin Positive Pressure Relief Functional Test IAW AMM 12-B-21-30-00-00A-903A-A.  
Passenger Oxygen Masks Inspection / Check IAW AMM 12-B-35-20-00-00A-313A-A.  
Air Conditioning Cold Air Unit Re-Oil IAW AMM 12-B-21-40-01-00A-902A-A.

Total  
Carry

(Continued on Next Page)

W/O#: 36U-15P-4753  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 909.6  
Hobbs: 909.6  
Cycles: 488  
SMOH: N/A

**(Continued From Previous Page)**

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 after Service / Cell replacement accomplished by Helicopter Services of Utah (See Release Tags).

Water Separator Condenser Cleaning IAW AMM 12-B-21-40-02-00A-250A-A.

Heat Exchanger Matrix Inspection / Check IAW AMM 12-B-21-40-01-00A-313A-A.

ELT Battery Replacement / 6-Year Inspection accomplished on Kannad 406 AF ELT S/N: 388857 IAW Kannad Installation / Operation Manual DOC08038D using a new Battery Kit P/N: S1820516-99, S/N: TM000071721 (Battery P/N: S1820506-01, S/N: 1502 0278). Battery Expires: Dec 2021.

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 = .010".

#3 - P/N: 978.73.20.309, S/N: 3449 = .008" / #4 - P/N: 978.73.20.309, S/N: 3438 = .009".

**C/W the Following 6-Year AMM 12-B-05-10-20-00A-281A-A Inspections for a Mild Corrosive Environment Interval:**

**Cargo Door Inspection** - Examined as necessary with Trim remove- Examined Door Hinge Pin and Hinges.

**Passenger / Crew Door Inspection** - Examined with Trim removed, examined Top Step area around Insulation Mat, and examined Door Hinge Pin and Hinges IAW AMM 12-A-52-10-00-00A-313A-A.

**Door Frames / Emergency Exit Frames Inspection** - Examined as necessary.

**Front Pressure Bulkhead Inspection** - Examined with Insulation removed.

**Horizontal Stabilizer Internal Surfaces Inspection** - Examined as far as possible with panels removed.

**Fuselage Internal Bottom Surfaces Inspection** - Examined Frames 10, 21, 24, 36 as well as Frames adjacent to doors and to emergency exit with insulation removed.

**Landing Gear Compartments Inspection** - Examined Compartments especially Main and Rear Spar Parts.

**Rear Pressure Bulkhead Inspection** - Examined with trim removed.

**Structure Around Windows Inspection** - Examined as necessary.

**Vertical Stabilizer Internal Surfaces Inspection** - Examined as far as possible with panels removed.

**Wing Internal Surfaces / Flap Compartments Inspection** - Examined as far as possible with panels removed.

**(Continued on Next Page)**

# AIRCRAFT LOG

W/O#: 36U-15P-4753  
 Make: Pilatus  
 Model: PC-12/47E  
 S/N: 1129  
 Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
 Total Time: 909.6  
 Hobbs: 909.6  
 Cycles: 488  
 SMOH: N/A

(Continued From Previous Page)

**Complied with the following Service Bulletins / Airworthiness Directives:**

**SB31-018** (Ref No. 309), New MAU GIO & CSIO Modules, C/W IAW Bulletin Instructions as follows:  
 Dual Generic I/O Module P/N: 7025365-1901, S/N: 08124889 removed. Installed new P/N: 7038622-1901, S/N: 15021358.  
 Dual Custom I/O Module P/N: 7036333-1902, S/N: 08120228 removed. Installed new P/N: 7036333-1906, S/N: 15011524.

**SB34-039R1** (Ref No. 312), Improvement of the Pitot Pipe Line, C/W IAW Bulletin Instructions using Mod Kit P/N: 500.51.12.035. Leak check of both Pitot Systems IAW AMM 12-B-34-11-00-00A-903A-A was satisfactory.

**SB46-005** (Ref No. 313), Protection on the Pilot PFD and MFD Wiring Looms, C/W IAW the bulletin instructions. No damage to wiring found - Protective Sleeve P/N: 917.96.92.152 installed on affected looms as specified. No further action required.

**SB45-012** (Ref No. 322), Upgrade Honeywell Primus Apex Operational Software to Build 8.8, C/W IAW Bulletin Instructions.

**SB52-007R2** (Ref No. 323), Door Shoot Bolt Fittings, C/W IAW Part A by S/N Verification - Door is S/N: 915P which is not affected by bulletin. No further action required.

**SB27-021** (Ref No. 331), Aileron Tab Counter Balance Weight Increase, C/W by removing & discarding old Counter Balance Weights P/N: 527.15.12.102 and installing new Weights P/N: 527.15.12.105 IAW Part A of the Bulletin Instructions

**SB27-022** (Ref No. 334), Replacement of the Aileron Control Universal Joints, does not apply per Aircraft Serial Number.

**AD2014-22-01**, Revisions to the Limitations Section, C/W as follows: **(f)(1)**: Current PC-12/47E Manuals are in use by this Facility to Track Structural & Component Limitations. However, it is up to the Owner / Operator to Track Limitations. **(f)(2) thru (f)(4)**: Information acknowledged. **(f)(5)**: Inboard Flap Drive Arms inspected at this time - no faults found. Reoccurs per AMM.

**Installed the Following Equipment:**

True Blue Power TA102 Series Dual USB Charging Port S/N: C15-11202 in LH Lower Cockpit Side Panel IAW True Blue Installation Manual Number 9017942. Circuit Protection for the TA102 Charging Port is provided by a 3 amp In-Line Fuse tied to the Avionics 1 BUS. Weight & Balance Change is Negligible.

(Continued on Next Page)

Page 3 of 4

|                               |  |  |  |  |  |
|-------------------------------|--|--|--|--|--|
| <b>Total to Carry Forward</b> |  |  |  |  |  |
|-------------------------------|--|--|--|--|--|

Registration No. \_\_\_\_\_

**a** W/O#: 36U-15P-4753  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 909.6  
Hobbs: 909.6  
Cycles: 488  
SMOH: N/A

(Continued From Previous Page)

**Addressed the following Discrepancies:**

Generator 1 P/N: 23085-031, S/N: P1269 removed. Installed an Overhauled Starter / Generator P/N: 23085-031 (978.91.23.407), S/N: P1244 IAW AMM 12-B-24-30-01-00A-920A-A.

Hydraulic System Pressure Switch replaced with new P/N: 973.81.14.307, S/N: 0821 using new O-Ring P/N: MS28778-4 IAW AMM 12-B-29-10-07-00A-920A-A.

LH OB & RH IB MAU Attach Swing Bolts replaced with new P/N: 985.99.12.216 IAW AMM 12-B--31-41-01-00A-920A-A.

Adjusted Aileron Control Cable Tension as needed IAW AMM 12-B-27-10-00-00A-903A-A.

Retrieved & Re-installed Copilots Bose Headset Jack Backing Nut.

Patched Small hole in upper portion of LH Inboard Wing Deice Boot as needed IAW Manufacturer's Instructions.

Serviced the Hydraulic System Reservoir with Fluid & Dry Nitrogen IAW AMM 12-B-29-00-00-00A-902A-A.

Serviced the Hydraulic Accumulator with Nitrogen IAW AMM 12-B-29-10-02-00A-901A-A as needed.

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: 4/24/15

Authorized Inspector: \_\_\_\_\_

Jeff Dowling

W/O#: 36U-15P-4807  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 965.9  
Hobbs: 965.9  
Cycles: 519  
SMOH: N/A

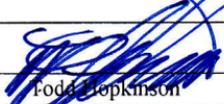
**Addressed the Following Discrepancies:**

Cabin Pressurization Outflow Valve P/N: 103898-3 (959.90.91.122), S/N: 103898-00137 removed. Installed Tested Valve P/N: 103898-3, S/N: 103898-00470 using a new Gasket P/N: 521.31.12.143 IAW AMM12-A-21-30-03-00A-920A-A. Operational check satisfactory.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3 Air 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: 8/20/15

Authorized Inspector: \_\_\_\_\_

  
Todd Hopkinson

W/O#: 36U-15P-4844  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Tach: N/A  
Total Time: 1006.1  
Hobbs: 1006.1  
Cycles: 537  
SMOH: N/A

**Addressed the following Discrepancies:**

Fuel Flow Transmitter P/N: TFF1573-5, S/N: 0826-021 removed. Installed Overhauled Transmitter P/N: 975.35.12.108 (TFF1573-20), S/N: AAB6986AM IAW AMM 12-B-73-30-01-00-00A-920A-A. Operation / leak check satisfactory.

The Aircraft, Airframe, Aircraft Engine, Propeller, or Appliance identified above was repaired and inspected by OK3 Air 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: 10/9/15

Authorized Inspector: \_\_\_\_\_

  
Todd Hopkinson

**Total to  
Carry Forward**



**AIRCRAFT LOG**

W/O#: 36U-16P-4925  
 Make: Pilatus  
 Model: PC-12/47E  
 S/N: 1129  
 Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 1067.0  
 Total Time: 1067.0  
 Landings: 566  
 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: Dec 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.
- 12 month Cockpit Fire Extinguisher Inspection 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-27-50-03-00A-313A-A.
- Emergency Power Supply removed, capacity checked, and re-installed IAW AMM 12-B-24-52-51-00A-920A-A & CMM.
- 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 after Service accomplished by Helicopter Services of Utah (Sec Release Tags).
- MLG Axle / Bushes Inspection 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.
- LH & RH Flap Up / Down Limit Switches Servicing IAW AMM 12-B-12-20-07-00A-902A-A.

Total to Carry Fo

W/O#: 36U-16P-4925  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
Reg #: N129NX



1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 1067.0  
Total Time: 1067.0  
Landings: 566  
Freon Hobbs: 132.4

**(Continued From Previous Page)**

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 worn beyond limits - See addressed discrepancies below.  
Fuel Cross Vent / Outward Check Valve Operational Test IAW AMM 12-B-28-10-01-00A-903A-A.  
LH & RH MLG Actuator Top and Bottom Attach Bolt & Nut Inspections IAW AMM 12-B-32-10-00-00A-310A-A.  
LH & RH MLG Leg FWD Attach Bolt and Rear Attach Bolt & Nut Inspections IAW AMM 12-B-32-10-00-00A-310A-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 = .006" / #2 - P/N: 978.73.20.309, S/N: 3407 = .007".  
#3 - P/N: 978.73.20.309, S/N: 3449 = .006" / #4 - P/N: 978.73.20.309, S/N: 3438 = .007".

**Complied with the following Service Bulletins / Airworthiness Directives:**

**AD2015-14-10**, Aileron Tab Counter Balance Weight Increase, was previously C/W IAW SB27-021 on 4/24/15 @ 909.6 ACTT.  
**AD2015-19-15**, U-joints in the Flight Controls, does not apply to MSN: 1129 nor have any affected parts been replaced.

**Complied with the Following Pilatus Service Bulletins / Service Letters:**

**SB27-022** (Ref No. 334), U-Joints in the Flight Controls, does not apply to MSN: 1129 nor have any U-Joints been replaced.  
**SB46-001R1** (Ref No. 338), Wireless Data Loading System (CFD) Software Upgrade, C/W by updating the Aspen Unit to the latest Software Revision G (Version 2.0) IAW the Bulletin Instructions.  
**SB57-007** (Ref No. 340), Wing-to-Fuselage Attach Torlon Plates, does not apply - Wing not removed between dates.  
**SB 72-005** (Ref No. 329), Fuel Nozzle Tips Inspection, C/W IAW P&WC SB No. 14495R3 - No affected Tips installed.  
**SB72-006** (Ref No. 343), 2nd Stage PT Blades, does not apply - Engine S/N not listed in P&WC SB No. 14511R2.  
**SL 179**, Torque Limiter Inspection, C/W on P/N: 3244882-2, S/N: C50988 IAW Paragraph 3. B. of P&WC SB No. 14473R3 - No evidence of movement. No further action required.  
**SL 181**, Oil Filler & Indicator, does not apply - Equipped S/N: AB0982 not listed in Table 1 of P&WC SB No. 14499.  
**SL 185**, Bleeder Torque on 30-244 Brakes IAW Parker SB No. 7110A, does not apply - Aircraft equipped with BFG Brakes.

W/O#: 36U-16P-4925  
Make: Pilatus  
Model: PC-12/47E  
S/N: 1129  
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1980 Airport Rd. Hangar A Heber City, UT 84032

Hobbs: 1067.0  
Total Time: 1067.0  
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Freon Hobbs: 132.4

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**Addressed the Following Discrepancies:**

Starter / Generator P/N: 23085-031, S/N: P1274 removed. Installed an Overhauled Starter / Generator P/N: 23085-031, S/N: P1569 IAW AMM 12-B-24-30-01-00A-920A-A.

Applied Anti-Chafe Tape to Lower Inboard Edges of LH & RH Flaps as needed.

Beta Arm Carbon Block replaced with new P/N: CA3026 IAW AMM 12-B-61-10-01-00A-920A.

Lamp in LH Recognition Light replaced with new P/N: 972.87.69.403.

Sealed & repositioned Insulating Sock on LH Intake Deice Lip Duct in Lower Cowl as needed.

Extracted broken Screw from RH FWD Wing Root Panel and replaced with new.

Tightened Passenger / Crew Door Hand-Rail as needed.

Serviced the Hydraulic System Reservoir with Fluid & Dry Nitrogen IAW AMM 12-B-29-00-00-00A-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: 5/4/16

Authorized Inspector: \_\_\_\_\_

  
Jeff Dowling

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|                               |  |  |  |  |
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|                               |  |  |  |  |
| <b>Total to Carry Forward</b> |  |  |  |  |



# AIRCRAFT LOG

**Flight-Deck Avionics, LLC**      176 N. 2200 W. Suite 240, Salt Lake City, UT 84116      CRS# F62R677Y      Form No. FD-009

**Tail #:** N129NX      **Mfg:** Pilatus      **Model:** PC12/47E      **Serial:** 1129

**This Is A Permanent Logbook Entry:**      Performed tests and inspections in accordance with FAR 43 :       Appendix E to comply with FAR 91.411       Appendix F to comply with FAR 91.413

| UNIT          | MFG            | MODEL              | PART #         | SERIAL #      | TEST ALTITUDE |
|---------------|----------------|--------------------|----------------|---------------|---------------|
| ADC/Encoder   | Honeywell      | KSG7200 Adhrs Ch1  | 065-00188-5103 | KSG7200-B1290 | 35000         |
| ADC/Encoder   | Honeywell      | KSG7200 Adhrs Ch 2 | 065-00188-5103 | KSG7200-B1290 | 35000         |
| Altimeter 3   | ThalesAvionics | ESIS               | C16221JA01     | C16221013379  | 35000         |
| Transponder 1 | Honeywell      | KXP 2290           | 066-01198-0101 | 1394          | 35000         |
| Transponder 2 | Honeywell      | KXP 2290           | 066-01198-0101 | 1346          | 35000         |

The above identified aircraft has been maintained and inspected in accordance with current FARs and is approved for return to service. Details are on file at this station under work order no. 7690 .

**Signed:** Matthew Drake

**Date:** 03/28/2017

(FAA CRS# F62R677Y)

**Recertification Due:** 03/31/2019

Digitally signed by Matthew Drake  
DN: cn=Matthew Drake, o=Flight Deck Avionics LLC, ou=Flight Deck Avionics  
Date: 2017.03.28 16:12:22 -0700

**Total to Carry Forward**

