



Portland, ME

VCCS: 458.8

CRS# FTUR030E

FAX

N357JK Pilatus PC-12/47E S/N: 1451 AFTT: 1749.8 Landings: 1117 W/O: 5355-12-2021

Engine: P&WC PT6A-67P S/N: PCE-RY0464 TSN: 1749.8 CSN: 1117

Prop: Hartzell HC-E5A-3A S/N: SA548 TSN: 524.1 Start date: 3/27/20

AIRFRAME

- Task No. 05401A: C/W 300 hour inspection IAW AMM 12-B-05-40-01-01A-000B-A.
- Task No. 05402A: C/W 300 hour/12 month inspection IAW AMM 12-B-05-40-01-02A-000B-A.
- Task No. 05404A: C/W a 600 hour/12 month inspection IAW AMM 12-B-05-40-01-04A-000B-A.
- Task No. 05405A: C/W a 1200 hour/12 month inspection IAW AMM 12-B-05-40-01-05A-000B-A.
- Task No. 05406A: C/W a 2400 hour/24 month inspection IAW AMM 12-B-05-40-01-06A-000B-A.
- C/W job set up/job close up IAW AMM 12-B-05-20-00-00A-913A-A.
- Task No. FAA 2021-24-01: Strake Attachment Brackets Inspection is not applicable because Spectre Lift Platform System is not installed. No further action required.
- Task No. FAA 2021-23-12: Radar Altimeter AFM Revision. Revised the Limitations Section of the existing AFM by incorporating the limitations specified in paragraph (g) figure 1 of this AD. No further action required.
- Task No. SB 32-029: Nose landing fork assembly inspection and replacement is not applicable by NLG strut assembly S/N VLG-1001. No further action required.
- Task No. 00-00/45A: C/W 12 month internal corrosion and corrosion protection inspections IAW AMM 12-B-20-40-00-00A-901A-A.
- Task No. 00-00/45B: C/W 12 month external corrosion and corrosion protection inspections IAW AMM 12-B-20-40-00-00A-901A-A.
- Task No 21-20/317: C/W 3000 hour/12 month ECS EMER shutoff valve operational test.
- Task No. 21-30/318: C/W 3000 hour/12 month pressurization dump switch operational test IAW AMM 12-B-21-30-00-00A-903A-A.

- Task No. 21-40/50: C/W 1200 hour/12 month water separator condenser cleaning IAW AMM 12-B-21-40-03-00A-250A-A. Installed 1 new extension spring P/N 959.90.20.145 and 2 new packings P/N AS357-247.
- Task No. 21-50/433: C/W 300 hour/12 month vapor cycle compressor condenser module & motor cleaning per Enviro Systems OSCMM 21-00-23. VCCS Hobbs meter reading 458.8 hours.
- Task No. 22-10/60: C/W 1200 hour/12 month pitch servo mount clutch check IAW AMM 12-B-22-10-00-00A-313A-A.
- Task No. 22-10/60: C/W 1200 hour/12 month roll servo mount clutch check IAW AMM 12-B-22-10-00-00A-313A-A.
- Task No. 22-10/60: C/W 1200 hour/12 month yaw servo mount clutch check IAW AMM 12-B-22-10-00-00A-313A-A.
- Task No. 24-30/311: C/W 3000 hour/12 month functional test of the GCU 1 over and under voltage trip protection IAW AMM 12-B-71-00-00-00A-903D-A.
- Task No. 24-30/311: C/W 3000 hour/12 month functional test of the GCU 2 over and under voltage trip protection IAW AMM 12-B-71-00-00-00A-903D-A.
- Task No. 24-30/340: C/W 600 hour/6 month caps check on the No. 1 lead acid battery IAW AMM 12-B-24-30-07-00A-920A-A and Concorde CMM 24-30-71. Battery P/N RG-380E/44 S/N 70012613 passed at 100%. Inspection interval remains the same.
- Task No. 24-30/340: C/W 600 hour/6 month caps check on the No. 1 lead acid battery IAW AMM 12-B-24-30-07-00A-920A-A and Concorde CMM 24-30-71. Battery P/N RG-380E/44 S/N 40864988 passed at 97%. Inspection interval remains the same.
- Task No. 24-50/70: C/W 12 month emergency power supply caps check IAW AMM 12-B-24-52-51-00A-920A-A & L3 Technologies SL-170. Power supply PS-855B P/N 501-1712-02 S/N 2003 passed at 100%. Op checks good IAW AMM 12-B-24-52-51-00A-903A-A.
- Task No. 258010: C/W 12 month ELT inspection and operational check IAW FAR 91.207(d). Battery expires Feb 2025.
- Task No. 26-20/24: C/W 12 month fire extinguisher visual inspection and contents check. Bottle weighs 4 lbs. 10 ounces.
- Task No. 27-10/237: C/W 1200 hour/12 month aileron cable tension check IAW 12-B-27-10-00-00A-903A-A.
- Task No. 27-20/243: C/W 1200 hour/12 month rudder cable tension check IAW AMM 12-B-27-20-00-00A-903A-A.
- Task No. 27-30/250: C/W 1200 hour/12 month elevator cable tension check IAW AMM 12-B-27-30-00-00A-903A-A.
- Task No. 27-40/1: C/W 3000 hour/12 month horizontal stabilizer trim functional test of the trim runaway aural warning system IAW AMM 12-B-27-40-00-00A-903A-A.

- Task No. 27-50/76: C/W 2400 hour/24 month flap actuator backlash check on all four actuators IAW AMM 12-B-27-50-03-00A-313A-A. LH OTBD S/N 4899 .007, LH INBD S/N 4890 .007, RH OTBD S/N 4895 S/N .009, RH INBD S/N 4893 .005.
- Task No. 27-50/437: C/W 600 hour/12 month inboard flap drive arms in-situ inspection/check IAW AMM 12-B-27-51-00-00A-313A-A.
- Task No. 28-20/148: C/W 300 hour/12 month fuel filter element cleaning IAW AMM 12-B-28-20-01-00A-920A-A & 12-B-28-20-01-00A-250A-A. Installed 2 new packings P/N M25988-1-111 and M25988-1-235.
- Task No. 30-10/79: C/W 6 month application of a surface coating of Age Master No. 1 in IAW the manufacturer's instructions.
- Task No. 32-10/80: C/W 12 month nose wheel bearings lubrication IAW AMM 12-B-12-20-06-00A-902A-A.
- Task No. 32-10/80: C/W 12 month left main wheel bearings lubrication IAW AMM 12-B-12-20-06-00A-902A-A.
- Task No. 32-10/80: C/W 12 month right main wheel bearings lubrication IAW AMM 12-B-12-20-06-00A-902A-A.
- Task No 32-10/315: C/W 2400 hour/12 month left main landing gear hinge pin and bushes inspection/check IAW AMM 12-B-32-10-00-00A-313B-A.
- Task No 32-10/315: C/W 2400 hour/12 month right main landing gear hinge pin and bushes inspection/check IAW AMM 12-B-32-10-00-00A-313B-A. Installed 1 new hinge pin safety bolt P/N AN4-27.
- Task No. 32-10/436: C/W 12 month left main landing gear shock absorber top and bottom attachment bolts and nuts examination IAW AMM 12-B-32-10-00-00A-310B-A.
- Task No. 32-10/436: C/W 12 month right main landing gear shock absorber top and bottom attachment bolts and nuts examination IAW AMM 12-B-32-10-00-00A-310B-A. Installed 1 new top nut P/N MS17826-8.
- Task No. 32-30/424: C/W 2000 hour/12 month emergency gear extension system operational test IAW AMM 12-B-32-30-10-00A-903A-A.
- Task No. 32-30/426: C/W 2000 hour/12 month time delay relays and power contactors functional test IAW AMM 12-B-32-30-08-00A-903A-A.
- Task No. 32-30/429: C/W 2000 hour/12 month main landing gear spring strut loosen and move the spring strut cover to examine the springs.
- Task No. 76-10/117: C/W 3000 hour/12 month propeller feathering microswitches functional test IAW AMM 12-B-76-10-02-00A-903A-A.

- Pilot reports intermittent CPCS message throughout various stages of flight. C/W power plant test 18 environmental control system functional test IAW 12-B-71-00-00-00A-903S-A. Op checks good, no defects noted.
- Pilot reports cockpit heat is not very strong compared to the cabin heat. C/W power plant test 18 environmental control system functional test IAW 12-B-71-00-00-00A-903S-A. Op checks good, no defects noted.
- Aircraft carpets cleaned IAW AMM 12-B-12-20-03-00A-902A-A.
- Reattached parking brake control cable to the parking brake valve IAW AMM 12-B-32-40-07-00A-920A-A. Op checks good.
- Adjusted cabin seat R1 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Adjusted cabin seat R1 seat back upright locks IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat R1 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Adjusted cabin seat R2 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat R2 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Adjusted cabin seat R3 recline mechanism IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat R3 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Adjusted cabin seat R3 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Adjusted cabin seat L1 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat L1 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Adjusted cabin seat L2 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat L2 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Adjusted cabin seat L3 swivel tension IAW Goodrich CMM 25-20-07. Op checks good.
- Installed 1 new cabin seat L3 hydrolock attachment bolt P/N NAS6604-8 IAW Goodrich CMM 25-20-07.
- Installed 1 new toilet compartment plug-in oxygen mask connector P/N 8570-00 IAW Avox CMM 35-22-26 and AMM 12-B-35-20-03-00A-920A-A.
- Installed 2 new rivets P/N CR3223-5-04 and 2 new rivets P/N CR3223-5-05 at the RH inboard flap canoe fairing attach bracket IAW SRM 12-A-51-40-03-00A-041A-A.
- Cockpit center console trim panel attachment clips secured with epoxy adhesive as required.
- Installed 1 new nose landing gear towing indicator P/N 532.20.12.311 IAW AMM 12-B-32-20-04-00A-920A-A.
- Serviced the brake reservoir IAW AMM 12-B-12-10-02-00A-902A-A.

- Installed 1 new NLG LH tie down placard P/N 511.23.12.025 IAW AMM 12-B-11-00-00-00A-901A-A.
- Repaired minor damage on various cabin floor panels IAW SRM 12-B-53-00-00-00A-664A-A.
- Rebonded horizontal stabilizer left and right leading edge fairings 33DT & 34DT anti-chafe Teflon as required.
- Repaired multiple pin holes on the left and right horizontal stabilizer deice boots IAW Goodrich Maintenance and Repair Manual 30-10-31.
- Powerplant test 10 - Adjusted overspeed governor rpm as required IAW AMM 12-B-71-00-00-00A-903K-A.
- Installed new Beta slip ring carbon block P/N A3026 IAW AMM 12-B-61-10-01-00A-920A-A and Hartzell Owner's Manual 147. Operational checks good IAW AMM 12-B-71-00-00-00A-903N-A Test #13.
- C/W propeller adjustment and test (propeller balance) IAW Pilatus AMM 12-B-61-00-00-00A-903B-A. Record final IPS. Installed 4.2 grams at hole 7, 27.8 grams at hole 8 and 20.5 grams at hole 9. Final IPS 0.06 at 30 degrees.
- Task No. 71-00/204: C/W all required power plant adjustment/tests per AMM 12-B-71-00-00-00A-903A-A and recorded on engine ground run record provided with this work order package. Op checks good, no leaks noted.

The aircraft identified above was repaired and inspected in accordance with the ExcelAire General Maintenance Manual and the Federal Aviation Regulations §135.411(a)(1) and is approved for return to service in respect to the work performed. Pertinent details of the work performed are on file at this Repair Station under Work order # 5355-12-2021.

I certify that this [Aircraft](#) has been inspected in accordance with an [Annual](#) inspection with the inspections documented in this maintenance record entry and was determined to be in airworthy condition.

Date: January 20, 2022

Authorized Signature _____
Northeast Air, Inc. FTUR030E
Portland, ME



CRS# FTUR030E

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VCCS: 458.8

N357JK Pilatus PC-12/47E S/N: 1451 AFTT: 1749.8 Landings: 1117 W/O: 5355-12-2021

Engine: P&WC PT6A-67P S/N: PCE-RY0464 TSN: 1749.8 CSN: 1117

Prop: Hartzell HC-E5A-3A S/N: SA548 TSN: 524.1 Start date: 3/27/20

ENGINE (Power Section)

- Task No. 05401A: C/W 300 hour inspection IAW AMM 12-B-05-40-01-01A-000B-A.
- Task No. 05402A: C/W 300 hour/12 month inspection IAW AMM 12-B-05-40-01-02A-000B-A.
- Task No. 05404A: C/W a 600 hour/12 month inspection IAW AMM 12-B-05-40-01-04A-000B-A.
- Task No. 05405A: C/W a 1200 hour/12 month inspection IAW AMM 12-B-05-40-01-05A-000B-A.
- Task No. 05406A: C/W a 2400 hour/24 month inspection IAW AMM 12-B-05-40-01-06A-000B-A.
- Task No. 057010: C/W 300 hour/12 month engine inspection IAW P&WC PT6A-67P EMM 72-00-00 Table 601.
- C/W job set up/job close up IAW AMM 12-B-05-20-00-00A-913A-A.
- C/W power plant performance test before hot section inspection IAW AMM 12-B-71-00-00-00A-903H-A.
- Task No. 710021: C/W engine hot section inspection IAW P&WC PT6A-67P EMM 72-00-00. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 710031: 400 hour engine borescope inspection requirements covered by Pratt & Whitney Engine Services hot section inspection, reference their log entry dated 01/14/2022.
- Task No. 710051: C/W Compressor Desalination/Turbine Desalination/Performance Recovery Wash IAW P&WC PT6A-67B EMM 71-00-00.
- Applied corrosion inhibitor to the compressor inlet case only IAW P&WC PT6A-67P EMM 72-00-00, Inspection, paragraph (6)(A).
- Task No. 710061: C/W engine condition trend monitoring download IAW AMM 12-B-45-45-00-00A-551A-A.
- Task No. 731025: C/W 400 hour leak/functional test of engine fuel manifold adapter and nozzle assemblies IAW P&WC PT6A-67P EMM 73-11-05. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 731040: C/W 300 hour engine fuel pump inlet screen cleaning IAW P&WC PT6A-67P EMM 73-10-02. Installed 1 new packing P/N M25988-1-916.
- Task No. 731055: C/W 300 hour engine fuel pump outlet filter replacement IAW P&WC PT6A-67P EMM 73-10-02. Installed 1 new filter P/N AN6235-3A and 2 new packings P/N M25988-1-212 and M25988-1-928.
- Task No. 731065/731100/733070: C/W 300 hour cleaning and inspection of engine P3 filter, housing and drain assembly IAW P&WC PT6A-67P EMM 73-10-07.
- Task No. 733020: C/W engine P3 filter replacement IAW P&WC PT6A-67P EMM 73-10-07. Installed overhauled filter P/N 3038142 with 4 new packings P/N MS9385-09, MS9386-014, MS9386-126 and MS9386-015.
- Task No. 740015: C/W 300 hour ignition exciter check for installation and condition IAW P&WC PT6A-67P EMM 74-10-00.
- Task No. 740025: C/W 300 hour inspection of the engine igniters for erosion IAW P&WC PT6A-67P EMM 74-20-00. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 742010: C/W 300 hour ignition cables check for chafing, wear and installation IAW P&WC PT6A-67P EMM 74-20-00.
- Task No. 761011: C/W FCU control linkages inspection IAW P&WC PT6A-67P EMM 73-20-00.
- Task No. 790031: C/W 300 hour/12 month engine chip detectors continuity inspection IAW P&WC PT6A-67P EMM 79-20-02.
- Task No. 790040: C/W 600 hour/12 month bridge chip detectors inspection IAW P&WC PT6A-67P EMM 79-20-02. Installed 2 new packings P/N 946.91.27.713 and AS3209-115.
- Task No. 790050: C/W 900 hour engine oil filter element replacement IAW P&WC PT6A-67P EMM 79-20-02. Installed 1 new filter P/N 7579431AM and 3 new packings P/N 946.91.27.765, 946.91.27.788 and 946.91.27.838.
- Task No. 790060: C/W 300 hour inspect/clean engine oil filter element and secondary screen IAW P&WC PT6A-67P EMM 79-20-02.
- Task No. 790081: C/W a Jet-Care engine oil sample. Test results normal.
- C/W inspection of the engine reduction gearbox screen IAW P&WC PT6A-67P EMM 72-00-00 Table 601. Installed 1 new packing P/N AS3208-18.
- Powerplant test 10 - Adjusted overspeed governor rpm as required IAW AMM 12-B-71-00-00-00A-903K-A.
- Installed new Beta slip ring carbon block P/N A3026 IAW AMM 12-B-61-10-01-00A-920A-A and Hartzell Owner's Manual 147. Operational checks good IAW AMM 12-B-71-00-00-00A-903N-A Test #13.
- C/W propeller adjustment and test (propeller balance) IAW Pilatus AMM 12-B-61-00-00-00A-903B-A. Record final IPS. Installed 4.2 grams at hole 7, 27.8 grams at hole 8 and 20.5 grams at hole 9. Final IPS 0.06 at 30 degrees.
- Task No. 71-00/204: C/W all required power plant adjustment/tests per AMM 12-B-71-00-00-00A-903A-A and recorded on engine ground run record provided with this work order package. Op checks good, no leaks noted.

The aircraft identified above was repaired and inspected in accordance with the ExcelAire General Maintenance Manual and the Federal Aviation Regulations §135.411(a)(1) and is approved for return to service in respect to the work performed. Pertinent details of the work performed are on file at this Repair Station under Work order # 5180-03-2021.

I certify that this [Engine](#) has been inspected in accordance with an [Annual](#) inspection with the inspections documented in this maintenance record entry and was determined to be in airworthy condition.

Date: January 20, 2022

Authorized Signature _____
Northeast Air, Inc. FTUR030E
██████████ Portland, ME ██████████



CRS# FTUR030E

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N357JK Pilatus PC-12/47E S/N: 1451 AFTT: 1749.8 Landings: 1117 W/O: 5355-12-2021
Engine: P&WC PT6A-67P S/N: PCE-RY0464 TSN: 1749.8 CSN: 1117
Prop: Hartzell HC-E5A-3A S/N: SA548 TSN: 524.1 Start date: 3/27/20

ENGINE (Gas Generator)

- Task No. 05401A: C/W 300 hour inspection IAW AMM 12-B-05-40-01-01A-000B-A.
- Task No. 05402A: C/W 300 hour/12 month inspection IAW AMM 12-B-05-40-01-02A-000B-A.
- Task No. 05404A: C/W a 600 hour/12 month inspection IAW AMM 12-B-05-40-01-04A-000B-A.
- Task No. 05405A: C/W a 1200 hour/12 month inspection IAW AMM 12-B-05-40-01-05A-000B-A.
- Task No. 05406A: C/W a 2400 hour/24 month inspection IAW AMM 12-B-05-40-01-06A-000B-A.
- Task No. 057010: C/W 300 hour/12 month engine inspection IAW P&WC PT6A-67P EMM 72-00-00 Table 601.
- C/W job set up/job close up IAW AMM 12-B-05-20-00-00A-913A-A.
- C/W power plant performance test before hot section inspection IAW AMM 12-B-71-00-00-00A-903H-A.
- Task No. 710021: C/W engine hot section inspection IAW P&WC PT6A-67P EMM 72-00-00. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 710031: 400 hour engine borescope inspection requirements covered by Pratt & Whitney Engine Services hot section inspection, reference their log entry dated 01/14/2022.
- Task No. 710051: C/W Compressor Desalination/Turbine Desalination/Performance Recovery Wash IAW P&WC PT6A-67B EMM 71-00-00.
- Applied corrosion inhibitor to the compressor inlet case only IAW P&WC PT6A-67P EMM 72-00-00, Inspection, paragraph (6)(A).
- Task No. 710061: C/W engine condition trend monitoring download IAW AMM 12-B-45-45-00-00A-551A-A.
- Task No. 731025: C/W 400 hour leak/functional test of engine fuel manifold adapter and nozzle assemblies IAW P&WC PT6A-67P EMM 73-11-05. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 731040: C/W 300 hour engine fuel pump inlet screen cleaning IAW P&WC PT6A-67P EMM 73-10-02. Installed 1 new packing P/N M25988-1-916.
- Task No. 731055: C/W 300 hour engine fuel pump outlet filter replacement IAW P&WC PT6A-67P EMM 73-10-02. Installed 1 new filter P/N AN6235-3A and 2 new packings P/N M25988-1-212 and M25988-1-928.
- Task No. 731065/731100/733070: C/W 300 hour cleaning and inspection of engine P3 filter, housing and drain assembly IAW P&WC PT6A-67P EMM 73-10-07.
- Task No. 733020: C/W engine P3 filter replacement IAW P&WC PT6A-67P EMM 73-10-07. Installed overhauled filter P/N 3038142 with 4 new packings P/N MS9385-09, MS9386-014, MS9386-126 and MS9386-015.
- Task No. 740015: C/W 300 hour ignition exciter check for installation and condition IAW P&WC PT6A-67P EMM 74-10-00.
- Task No. 740025: C/W 300 hour inspection of the engine igniters for erosion IAW P&WC PT6A-67P EMM 74-20-00. Completed by Pratt & Whitney Engine Services, reference their log entry dated 01/14/2022.
- Task No. 742010: C/W 300 hour ignition cables check for chafing, wear and installation IAW P&WC PT6A-67P EMM 74-20-00.
- Task No. 761011: C/W FCU control linkages inspection IAW P&WC PT6A-67P EMM 73-20-00.
- Task No. 790031: C/W 300 hour/12 month engine chip detectors continuity inspection IAW P&WC PT6A-67P EMM 79-20-02.
- Task No. 790040: C/W 600 hour/12 month bridge chip detectors inspection IAW P&WC PT6A-67P EMM 79-20-02. Installed 2 new packings P/N 946.91.27.713 and AS3209-115.
- Task No. 790050: C/W 900 hour engine oil filter element replacement IAW P&WC PT6A-67P EMM 79-20-02. Installed 1 new filter P/N 7579431AM and 3 new packings P/N 946.91.27.765, 946.91.27.788 and 946.91.27.838.
- Task No. 790060: C/W 300 hour inspect/clean engine oil filter element and secondary screen IAW P&WC PT6A-67P EMM 79-20-02.
- Task No. 790081: C/W a Jet-Care engine oil sample. Test results normal.
- C/W inspection of the engine reduction gearbox screen IAW P&WC PT6A-67P EMM 72-00-00 Table 601. Installed 1 new packing P/N AS3208-18.
- Powerplant test 10 - Adjusted overspeed governor rpm as required IAW AMM 12-B-71-00-00-00A-903K-A.
- Installed new Beta slip ring carbon block P/N A3026 IAW AMM 12-B-61-10-01-00A-920A-A and Hartzell Owner's Manual 147. Operational checks good IAW AMM 12-B-71-00-00-00A-903N-A Test #13.
- C/W propeller adjustment and test (propeller balance) IAW Pilatus AMM 12-B-61-00-00-00A-903B-A. Record final IPS. Installed 4.2 grams at hole 7, 27.8 grams at hole 8 and 20.5 grams at hole 9. Final IPS 0.06 at 30 degrees.
- Task No. 71-00/204: C/W all required power plant adjustment/tests per AMM 12-B-71-00-00-00A-903A-A and recorded on engine ground run record provided with this work order package. Op checks good, no leaks noted.

The aircraft identified above was repaired and inspected in accordance with the ExcelAire General Maintenance Manual and the Federal Aviation Regulations §135.411(a)(1) and is approved for return to service in respect to the work performed. Pertinent details of the work performed are on file at this Repair Station under Work order # 5180-03-2021.

I certify that this [Engine](#) has been inspected in accordance with an [Annual](#) inspection with the inspections documented in this maintenance record entry and was determined to be in airworthy condition.

Date: January 20, 2022

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Northeast Air, Inc. FTUR030E
██████████ Portland, ME ██████████



NORTHEAST AIR
CRS# FTUR030E

[Redacted] Portland, ME [Redacted]
[Redacted] FAX [Redacted]

VCCS: 458.8

N357JK Pilatus PC-12/47E S/N: 1451 AFTT: 1749.8 Landings: 1117 W/O: 5355-12-2021
Engine: P&WC PT6A-67P S/N: PCE-RY0464 TSN: 1749.8 CSN: 1117
Prop: Hartzell HC-E5A-3A S/N: SA548 TSN: 524.1 Start date: 3/27/20

PROPELLER

- Task No. 05401A: C/W 300 hour inspection IAW AMM 12-B-05-40-01-01A-000B-A.
- Task No. 05402A: C/W 300 hour/12 month inspection IAW AMM 12-B-05-40-01-02A-000B-A.
- Task No. 05404A: C/W a 600 hour/12 month inspection IAW AMM 12-B-05-40-01-04A-000B-A.
- Task No. 05405A: C/W a 1200 hour/12 month inspection IAW AMM 12-B-05-40-01-05A-000B-A.
- Task No. 05406A: C/W a 2400 hour/24 month inspection IAW AMM 12-B-05-40-01-06A-000B-A.
- Task No. 610020: C/W 400 hour/12 month propeller periodic inspection IAW Hartzell Propeller Owner's Manual No. 147.
- Task No. 610030: C/W 400 hour/12 month propeller lubrication IAW Hartzell Propeller Owner's Manual No. 147. Removed straight lubrication fittings and installed 45 degree lubrication fittings P/N C-6349 IAW page 6-6.
- Task No. 610060: C/W 600 hour propeller erosion shield coin-tap inspection IAW Hartzell Propeller Owner's Manual 147.
- C/W job set up/job close up IAW AMM 12-B-05-20-00-00A-913A-A.
- Touched-up paint on propeller blades as required IAW Hartzell Propeller Owner's Manual 147.
- Propeller deice boots edge sealant touched up IAW Hartzell Propeller Electrical Deice Boot Removal and Installation Manual No. 180.
- Powerplant test 10 - Adjusted overspeed governor rpm as required IAW AMM 12-B-71-00-00-00A-903K-A.
- Installed new Beta slip ring carbon block P/N A3026 IAW AMM 12-B-61-10-01-00A-920A-A and Hartzell Owner's Manual 147. Operational checks good IAW AMM 12-B-71-00-00-00A-903N-A Test #13.
- C/W propeller adjustment and test (propeller balance) IAW Pilatus AMM 12-B-61-00-00-00A-903B-A. Record final IPS. Installed 4.2 grams at hole 7, 27.8 grams at hole 8 and 20.5 grams at hole 9. Final IPS 0.06 at 30 degrees.
- Task No. 71-00/204: C/W all required power plant adjustment/tests per AMM 12-B-71-00-00-00A-903A-A and recorded on engine ground run record provided with this work order package. Op checks good, no leaks noted.

The aircraft identified above was repaired and inspected in accordance with the ExcelAire General Maintenance Manual and the Federal Aviation Regulations §135.411(a)(1) and is approved for return to service in respect to the work performed. Pertinent details of the work performed are on file at this Repair Station under Work order # 5180-03-2021.

I certify that this Propeller has been inspected in accordance with an Annual inspection with the inspections documented in this maintenance record entry and was determined to be in airworthy condition.

Date: January 20, 2022

Authorized Signature _____
Northeast Air, Inc. FTUR030E
[Redacted] Portland, ME [Redacted]