RidgeAire WORLD WIDE aviation specialists | ALOFT AVIATION SERVICES



MAINTENANCE RECORDS

# RIGHT ENGINE

**N252RC** | 1987 Beechcraft King Air C90A

| | |
|---|---|
| REGISTRATION | N252RC |
| AIRCRAFT SERIAL NUMBER | LJ-1152 |
| MAKE / MODEL | Pratt & Whitney Canada PT6A-21 |
| ENGINE SERIAL NUMBER | PCE-24601 |
| POSITION | Right Hand |




ENGINE S/N PCE24601

POSITION Right

200-007

# AIRTIGHT

## Corporate Warranty

PCE24601
Engine Serial Number

OH22453
Engine Sales Order

March 31, 2006
Date of Issue

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Owner/Operator

DallasAirmotive™

Requirements

Operate engine according to OEM specifications. Have Dallas Airmotive accomplish HSI. Have Dallas Airmotive accomplish all unscheduled engine repairs. Notify Dallas Airmotive if aircraft will be sold. Applies to engines based and operated in the United States and Canada.

***Warranty may only be transferred with prior written consent.***
***Call 800-527-5003 for details***

DallasAirmotive
6114 FOREST PARK RD.
DALLAS, TX 75235-6498
CERTIFICATE NO. YRRR491L

| PT6A-21 | Engine S/N: PCE24601 | T.S.N.: 7121.3 | C.S.N.: 7236 | T.S.O.: 00.0 | C.S.O.: Zero |
|---|---|---|---|---|---|

Overhauled, Tested And Preserved I/A/W Pratt & Whitney Overhaul Manual 3013243 Revision 25. Turbine Vane Ring Areas: PT: 13.87 CT: 13.12

**Airworthiness Directive Status:** AD 2002-23-13 Amend #39-12957 Dated December 31, 2002 Accomplished; AD 97-04-12 Amend #39-9939, Dated March 14, 1997 N/A To S/N Installed; AD 92-15-11 Amend #39-8305, Dated August 17, 1992 N/A Due to Engine Installation; AD 80-08-12 Amend #39-3748, Dated April 18, 1980 Previously Accomplished

**Pratt & Whitney's Service Bulletins Accomplished:** **Reduction Gearbox:** 1476, 1484 **Power Section:** 1503, 1610 **Gas Generator:** 1148, 1276, 1466, 1473, 1513 **Accessory Gearbox:** 1564, 1637 **General:** 1002, 1359, 1477, 1478, 1487, 1488, 1490, 1493, 1555

**Manufacturer 's Service Bulletins Accomplished:** **Honeywell:** 73-4

**CORRECTED ENGINE PERFORMANCE**

| SHP | Ng % | $T_5$ °F | $T_5$ °C | SFC | $T_5$ PULL DOWN REQUIRED | $T_5$ TRIMMER |
|---|---|---|---|---|---|---|
| 550 | 94.0 | 1089 | 587 | 0.653 | 42.1 °C | P/N 3031417CL30 |

**LIFE LIMITED COMPONENTS INSTALLATION (NOTE: REFER TO S/B 1002, LATEST REVISION, FOR APPROVED LIFE LIMITS)**

| Name | Part Number | Serial Number | Total Hours | Total Cycles | Remarks | Name | Part Number | Serial Number | Total Hours | Total Cycles | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Disk-Stg 1 P.T. | 3022412 | 8A380 | 7121.3 | 7236 | | Rear Hub | 3013111 | 8F605 | 13896.29 | 13636 | |
| Impeller | 3013176 | 2A647 | 7121.3 | 7236 | | Disk-C.T. | 3013411 | 97A360 | N/A | 12239 | |
| Disk-Stg 3 Comp. | 3011713 | 8P037 | 13896.29 | 13636 | | Blades C.T. | 3102401-01 | N/A | T.S.O.: 00.0 | N/A | |
| Disk-Stg 2 Comp. | 3013712 | A001M69M | New | New | | | | | | | |

**ACCESSORY INSTALLATION**

| Name | Part Number | Serial Number | T.S.O. | Remarks | Name | Part Number | Serial Number | T.S.O. | Remarks |
|---|---|---|---|---|---|---|---|---|---|
| Fuel Control | 3244745-3 | A72759 | 00.0 | | Igniter Plugs | CH34055 | N/A | New | |
| Flow Divider | 3019906 | 5505 | 00.0 | | Bleed Valve | 3100829-03 | A9306 | 00.0 | |
| Fuel Heater | 10552E | 485 | 00.0 | | Bus Bar | 3027628 | 8B226 | 00.0 | |
| Fuel Pump | 025323-101-02 | 6651 | 00.0 | | $T_5$ Lead | 3117923-01 | N00132 | 00.0 | |
| OSU Governor | | | | Not Received | $T_5$ Trimmer | 3031417CL30 | N/A | 00.0 | |
| CSU Governor | 8210-002AE | 1704490 | 00.0 | | Main Oil Filter | 3059258-01 | N/A | New | |
| Ignition Exciter | | | | Not Received | Fuel Nozzles | 3014704-01<br>3014705-01<br>3019757-01 | 453-1 To 453-14 | 00.0 | |
| Ignition Cables | 3119832-01 | N/A | New | 2 Each | | | | | |

This Engine Has Been Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration. Pertinent Details Of This Repair Are On File At This Repair Station Under Sales Order: **OH22453.** **Warranty May Only Be Transferred With Prior Written Consent. Call 800-527-5003 For Details.**

**Authorized Signature:** _____ **Date:** March 31, 2006

**Prepared By:** _____ **Date:** March 31, 2006

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

DallasAirmotive

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |

STEVENS AVIATION INC.
NASHVILLE, TN

**N416BK** **ACTT 7141.0**
S/N LJ-816 HM 7141.0
**TSN 3412.1** **CSO 3457**

April 18, 2006

**Right Loner Engine S/N PCE-25300**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Removed serviceable loaner engine S/N **PCE-25300** from right side of aircraft **N416BK S/N LJ-816.** Installed overhauled Engine S/N **PCE-24601** from Dallas Airmotive Inc CRS# YRRR491L. Serviced engine with BP 2380 engine oil. Ground run operational leak checks satisfactory.

**Overhauled Engine S/N PCE-24601**

**TSN 7121.3** **CSN 7236**
**TSO 0.0** **CSO 0**

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **17846.**

Signed _____

**For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K**

SA-0505

RE: 570-010

ENGINE SERVICE RECORD

ENGINE SE

DATE

STEVENS AVIATION INC.
NASHVILLE, TN

**N416BK**
S/N LJ-816

**ACTT 7157.6**
HM 7157.6

16.6 TSO
7137.9

May 15, 2006
**Right Engine S/N PCE-24601**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Installed overhauled right torque pressure transmitter P/N 99389014 S/N 2025 from Precision Avionics and Instruments CRS# ZV4R714M. Ground run operational and leak checks satisfactory.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **17961.**

Signed _____
**For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K**

STEVENS AVIATION INC.
NASHVILLE, TN

**N416BK**
S/N LJ-816
**TSN 7143.1**
**TSO 21.8**

**ACTT 7162.8**
HM 7162.8
**CSN 7249**
**CSO 13**

May 26, 2006
**Right Engine S/N PCE-24601**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***Phase 1 & 2*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **17987.**

SIGNED _____
**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Installed new torque transmitter isolators. Lubricated engine and propeller controls. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **17987.**

Signed _____
**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

RE: 570-C

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

DallasAirmotive

DATE

STEVENS AVIATION INC.
NASHVILLE, TN

N416BK
S/N LJ-816

ACTT 7209.2
HM 7209.2

July 28, 2006

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Installed new right float switch P/N 100-389016-1 S/N 4022, per chapter 71. Ground operational and leak check satisfactory.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **18255.**

Signed _____
**For STEVENS AVIATION Nashville, Tn 37217 CRS VIB3368K**

STEVENS AVIATION INC.
NASHVILLE, TN

**N416BK**
S/N LJ-816
**TSN 7323.6**
**TSO 203.3**

**ACTT 7343.3**
HM 7343.3
**CSN 7429**
**CSO 193**

February 6, 2007
**Right Engine S/N PCE-24601**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***Raytheon Phase 3 & 4*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **18846.**

SIGNED _____
**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Installed new beta blocks. Installed new prop shaft seal. Lubricated engine and propeller controls. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **18846.**

Signed _____
**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

# ENGINE SERVICE RECORD

DallasAirmotive

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |

STEVENS AVIATION INC.
NASHVILLE, TN

October 10, 2007

**Right Engine S/N PCE-24601**

**N416BK**
S/N LJ-816
**TSN 7513.0**
**TSO 391.7**

**ACTT 7532.7**
HM 7532.7
**CSN 7584**
**CSO 348**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***Raytheon Phase 1 & 2*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **19712.**

SIGNED _____

**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Reinstalled Fuel Nozzles after overhaul by Tenn Aircraft. Performed Boroscope Inspection, Serviceable at this time. Cleaned and inspected fuel & oil screens and filters. Installed new igniters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Adjusted torques and ITT. Adjusted prop deice brushes. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **19712.**

Signed _____

**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

SA-0505

RE: 570-010

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

DallasAirmotive

DATE

STEVENS AVIATION INC.
NASHVILLE, TN

August 15, 2008
**Right Engine S/N PCE-24601**

**N416BK**
S/N LJ-816
**TSN 7699.2**
**TSO 577.9**

**ACTT 7718.9**
HM 7718.9
**CSN 7770**
**CSO 534**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***HB Phase 3 & 4*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **366.**

SIGNED _____
**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **366.**

Signed _____
**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

SA-0505

RE: 570-010

# ENGINE SERVICE RECORD

DallasAirmotive.

ENGINE SERIAL NO. _____ MODEL _____

| DATE | |
|---|---|

STEVENS AVIATION INC.
NASHVILLE, TN

August 20, 2009
**Right Engine S/N PCE-24601**

**N416BK**
S/N LJ-816
**TSN 7885.9**
**TSO 764.6**

**ACTT 7905.6**
HM 7905.6
**CSN 7957**
**CSO 721**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***HB Phase 1 & 2*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **1303.**

SIGNED _____
**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. C/W **400 hr** Fuel nozzle clean and flow check. C/W **400 hr** Boroscope Inspection, Serviceable at this time. Installed new igniters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Installed new Beta Block. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **1303.**

Signed _____
**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

SA-0505

RE: 570-010

# ENGINE SERVICE RECORD

DallasAirmotive

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS HOURS | CYCLES | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|

STEVENS AVIATION INC.
NASHVILLE, TN

August 20, 2010

**Right Engine S/N PCE-24601**

**N416BK** **ACTT 8045.1**
S/N LJ-816 HM 8045.1
**TSN 8025.4** **CSN 8096**
**TSO 904.1** **CSO 860**

I certify this ***Aircraft*** has been inspected in accordance with FAR 91.409(F) 3 and a ***HB Phase 3 & 4*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **2247.**

SIGNED _____

**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Cleaned and inspected fuel & oil screens and filters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Lubricated engine and propeller controls. Completed performance recovery compressor wash & CT rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **2247.**

Signed _____

**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

SA-0505

RE: 570-010

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS HOURS | ACCUMULATIVE TOTALS CYCLES | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|

STEVENS AVIATION INC.
NASHVILLE, TN

December 6, 2010

**Right Engine S/N PCE-24601**

**N416BK** **ACTT 8085.9**
S/N LJ-816 HM 8085.9
**TSN 8066.2** **CSN 8137**
**TSO 944.9** **CSO 901**

I certify this ***Engine*** has been inspected in accordance with FAR 91.409(F) 3 and a ***HB Complete*** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **2511.**

SIGNED _____

**For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K**

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Performed partial Jet-Cal, on N1, and Torque. C/W **400 hr** Starter generator spline lube C/W **400 hr** Boroscope Inspection, Serviceable at this time. Found slight rub right CT section. Recommend maintaining regular Boroscope inspection at 400 hour intervals. Ref PWC chapter 72. C/W **400 hr** Fuel nozzle cleaning and flow check. C/W **1000 hr** Oil filter replacement. Removed and replaced right engine oil pressure transmitter snubber packing with new. Obtained Skywatch Oil Samples. Cleaned and inspected fuel & oil screens and filters. Checked igniters & chip detector. Checked 1st stage compressor for FO damage. Checked starter/generator brush wear. Lubricated engine and propeller controls. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **2511.**

Signed _____

**For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K**

SA-0505

RE: 570-010

RE: 570-010

ENGINE SERVICE RECORD

ENGI

DallasAirmotive

DAT

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 12114 Registration# N416BK Date: 12/31/11
Engine S/N 24601 Meter: 8251.3 Total Time: 8231.6 TSMOH: 1110.3
Airworthiness Directives Through 2011-25
C/W phase 1 and 2 inspection on right engine IAW Beech 90 maintenance manual Chapter 5-21-02. Cleaned and inspected oil filter and fire wall fuel bowl. Installed new outlet filter P/N AN6235-3A and cleaned inlet screen on engine driven fuel pump. Inspected chip detector and igniters. Starter generator brushes at 75% life remaining. --Removed, cleaned and inspected right engine fuel nozzles. All nozzles flow check ok IAW PT6A maintenance manual. Reinstalled fuel nozzles with new gaskets and o-rings. --Safety wired b-nuts as required on right engine fuel control unit. --Installed 2 new igniters P/N CH34055 with new gaskets P/N 3010880 on right eng. --Saftied drain plug on right engine oil cooler.

Approved for return to service
Ray McClure 181547748

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 12553 Registration# N416BK Date: 12/21/12
Engine S/N 24601 Meter: 93.6 Total Time: 8365.3 Cycles: 8137 TSMOH: 1244.3
Airworthiness Directives Through 2012-24
C/W Phase #3&4 IAW beech M/M chapter 5 and PWC M/M. Cleaned and inspected oil screen, checked chip detectors, inspected and tested igniters, R&I fuel pump filter, Cleaned fuel bowl. Ground run ops and leak check ok.

Approved for return to service
Ray McClure AP181547748

**Nevitt Aircraft Incorporated**
4309 General Aviation Av. Austin, Texas 78719

**R/H Engine Entry**

**NN416BK**
**W.O.** 3036

**Date:** 06/12/2013

ACTT: 8473.2

**Inspections Performed:**
Performed 400 hour lubrication and inspection of the Generator Spline Shaft.
Ran engine, operational and leak check good.

The above maintenance and or inspections were performed in accordance with the manufactures maintenance manuals

Johnathan Bradley Flora AP3124020

RE: 570-010

ENGINE SERIAL

| DATE | SINCE NEW |
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RE: 570-010

## Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

### Engine Entry

**Date:** 08/01/2013

**HOBBS:** 0194.4
**ACTT:** 8485.8

**N416BK**
**W.O.** 3203

**Maintenance Performed:**

1. 400 Hr. Boroscope inspection Lt. and Rt. Engines, no defects noted.
2. 400 Hr. Compressor wash Lt. and Rt. Engines.
3. Run Engines. Leak check good.

All the above maintenance and or inspections were performed in accordance with the manufactures maintenance manuals.

**Timothy W. Arthur** A&P 3615282 _____.

## Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

### RH Engine Entry

**Date:** 01/10/2014

**S/N** PCE-24601
**HOBBS:** 252.6
**ACTT:** 8543.6
**SMOH:** 1422.6

**N416BK**
**W.O.** 3450

Inspection performed

I certify this engine has been inspected IAW FAR 91.409(f)3 & Beech C90 M.M.
For a phase 1 & 2 inspections and was returned to service in regards to work performed.

Maintenance preformed

1.Performed oil sample
2.Installed 9 Qts of Exxon 2380 oil
3.Checked torque guage IAW M.M.
4.Ground ran engine & set torque of the day IAW M.M.
Ops Ck good no leaks noted.
5.All routine maintenance C/W

Dick McCoy
David McCoy A&P 3615278

ENGINE S

sAirmotive.

# Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

## RH Engine Entry

**Date:** 01/17/2015

**N416BK**
**W.O.** 3999

**S/N** PCE-24601
**HOBBS:** 383.6
**ACTT:** 8674.6
**SMOH:** 1553.6

**Inspection performed**

I certify this engine has been inspected IAW FAR 91.409(f)3 & Beech C90 M.M.
For a phase 3 & 4 inspections and was returned to service in regards to work performed.

**Maintenance preformed**

1. Installed 4 Qts of Exxon 2380 oil
2. C/W 400 Hr fuel nozzle clean/flow check used new gaskets P/N 3029566
   And new O rings P/N MS29513-009
3. Checked torque guage IAW M.M.
4. Ground ran engine & set torque of the day IAW M.M.
   Ops Ck good no leaks noted.
5. All routine maintenance C/W

Dd McCoy

David McCoy A&P 3615278

| DATE | | | | | |
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RE: 570-010

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |
| | | | | | |

## Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

### RH Engine Entry

**N416BK**
**W.O.** 4273

**Date:** 8/5/2015

**S/N** PCE-24601
**HOBBS:** 457.9
**ACTT:** 8748.9
**SMOH:** 1627.9

**Inspection performed**

I certify this engine has been inspected IAW FAR 91.409(f) 3 & Beech C90 M.M.
For a phase 1 & 2 inspections and was returned to service in regards to work performed.

**Maintenance preformed**

1.Installed 3 Qts of Exxon 2380 oil
2.Installed 2 new igniter plugs P/N CH34055
3.Checked torque gauge IAW M.M.
4.Ground ran engine & checked torque of the day IAW M.M.
Ops Ck good no leaks noted.
5.All routine maintenance C/W

Dick McCoy

David McCoy A&P 3615278

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

DallasAirmotive

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |

**Nevitt Aircraft**
4309 Emma Browning Av. Austin, Texas 78719

**RH Engine Entry**

S/N PCE-24601

**N416BK**
**Date:** 04/06/2016
**HOBBS:** 552.2
**W.O.** 4649
**ACTT:** 8843.2

**Maintenance preformed**

1. Removed starter/generator and replaced with overhauled unit p/n 23048-018, s/n 3729. Supplied by Southwind Aviation Supply L.L.C Approval/Certificate No. UO9R076Y.

I certify that the above maintenance and /or inspection was performed in accordance with the current FAA regulations and the aircraft is found to be airworthy and approved for return to service.

Brian Matthew Bernier A&P 3708979 _____

RE: 570-010

# PRIME TURBINES

Engine Make: Pratt & Whitney Engine Model: PT6A-21 Engine Serial Number: PCE-24601
Engine Total Time: 8,849.6 Total Cycles: 8,766 Time Since Overhaul: 1748.4 Cycles Since Overhaul: 1,530

Work Performed:

- Complied with hot section inspection.
- Installed 58ea. CT blade PN: 3039901.
- Installed repaired small exit duct PN: 3018652 SN: FN1272, 1ea new CT shroud housing PN: PF3028768 SN: S1-352007 and 16ea shroud segments PN: PF3019438CL5.
- Installed 1ea. Repaired large exit duct PN: 3109263-01SN: 5011-51, installed 1ea. new seal ring PN:E3024979 and 1ea. Overhauled T5 wire harness PN: 3117924-01 SN: NRA29809

Details on file at Prime Turbines Repair Station under WO# P2284

Dated 6/24/2016

Certifies that the work performed was carried out in accordance with FAA Airworthiness Regulations and in respect to work performed the parts are approved for return to service.

**PRIME TURBINES**
**485 Airport Road**
**Butler, PA 16002**
**724-586-0124**
**Certified FAA Repair Station # 3A6R191B**

# ENGINE SERVICE RECORD

DallasAirmotive

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |
| | | | | | THE H COMPANY<br>1900 CARDIFF RD<br>BROOKSHIRE TX, 77423<br>10-3-2016 N416BK C90 LJ816 H/M 552.2 ACTT 8869.4 LDGS 8465<br>RIGHT ENGINE<br>PT6A-21 S/N PCE-24601 ENG TTIS 8749.7 ENG CYCLES 8,767<br>ENG TTSMOH 1848.5 CYCLES SMOH 1531<br>• Complied with Phase 3 inspection in accordance with C90 maintenance manual, Chapter 05-21-03.<br>• Complied with Phase 4 inspection in accordance with C90 maintenance manual, chapter 05-21-04.<br>• Complied with 200 Hour No1 engine minor inspection in accordance with EMM, chapter 72-00-00.<br>• Complied with No1 engine compressor wash.<br>I certify that I have inspected this engine in accordance with an approved manufacturers inspection program and was determined to be in airworthy condition at this time and is approved for return to service.<br>Kenneth Griffith AP4673543471A |
| 10/3/16 | ACH 8869.4 | | LDGS. 8465 | | This AIRCRAFT WAS Enrolled IN The CAMP Computerized Maintenance TRACKING PROGRAM, Please SEE CAMP Log Book FOR FURTHER ENTRIES<br>Kenneth Griffith<br>AP4673543471A |

8849.7

RE: 570-010

# ENGINE SERVICE RECORD

DallasAirmotive.

ENGINE SERIAL NO. _____ MODEL _____

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |
| | | | | | |

08-10-2020 N252RC C-90 H/M 4108
PCE-24601 TT ~~9641~~ 9607.5 CSN ~~9333~~ TSO ~~2639.8~~ 2606.3 CSO _____

Removed engine from N416BK R/H and installed on N252RC R/H
Performed borescope inspection no defects noted.
Serviced with 11 quarts 2380 oil.
Starter generator overhauled by Arkansas Aeronautics and converted to dry spline.
All fluid carrying hoses firewall forward replaced with new.
Performed 100 hour inspection on engine.
Engine rigged, ground ran and leak checked satisfactory.

James M Mills II
AP 3672281

RE: 570-010

# ENGINE SERVICE RECORD

ENGINE SERIAL NO. _____ MODEL _____

DallasAirmotive

| DATE | ACCUMULATIVE TOTALS | | | | DESCRIPTION OF WORK PERFORMED |
|---|---|---|---|---|---|
| | HOURS | | CYCLES | | |
| | SINCE NEW | SINCE O/H | SINCE NEW | SINCE O/H | |
| | | | | | |

Central Virginia Aviation
6775 Beck Chappell Drive
North Dinwiddie VA 23803
(804) 861-9915

**Make:** Pratt & Whitney
**Model:** PT6A-21
**Tail:** N252RC
**S/N:** PCE 24601

**Hours:** ETT:9644
ETC:9336

Complete Phase Inspection (1-4) performed I/A/W Beech MM P/N:90-590012-03: Rev. C4 Dated May 1, 2017.\Complied with AD 02-23-13 IAW SB/Pratt_&_Whitney_PT6A-72-12173. All other AD's are in compliance at this time.

I certify that this engine has been repaired/inspected IAW 14CFR 91.409 (f)(3) and was found to be in an airworthy condition and is approved for return to service.

**Signed:** John Wilkerson III

**Name:** John Wilkerson

**Cert:** A&P 4090871
**Date:** 08/18/2020

RE: 570-010

# ENGINE SERVICE RECORD

DallasAirmotive

EN

ERFORMED

08-25-2021 hobb:4176.3 Engine TT:9603.3 [redacted]

SMOH: [redacted]
2674.6 DL

C/W PRATT & WHITNEY 200/400 HR INSPECTION.
C/W Phase 1,2 inspection
Inspected oil filter,
Replaced FCU main fuel filter with new,
Inspected and tested chip detector
Checked engine controls and stop for proper travels
Lubed starter gen spines and inspected starter brushes 90% life
**Inspected chip detector and tested system**
Ground Tested ok to return to Service .
I certify that this engine has been inspected in Accordance with an phase 1,2 inspection and has been determined to be in airworthy condition .

ALL WORK DONE I/A/W HAWKER BEECHCRAFT 90 SERIES MANUAL IML-90

Darrell L Kelly AP 3033305
Darrell L Kelly

09-20-2022 Hobb:4246.1 Landings:8988 Smoh:2747.4

Phase 3 and 4 completed I/A/W Beech Manual m.m. 90-590012-03
C/W 200/400HR INSPECTION AND MINOR Inspections
c/w oil filter inspection no defects noted
c/w FUEL NOZZLE REPLACEMENT From Covington Aircraft
c/w Borescope inspection no defects noted
c/w starter /gen moly lube and brush life 75 percent
c/w agb screen inspection replacement and fire wall fuel service ,Tested chip detectors and system,Replaced igniters ch43055 and tested systems
All work done in accordance with beech craft m.m. for C90A . I certify that this aircraft has been inspected in accordance with a Phase 3 and 4 for inspection and has been determined to been in airworthy condition.

Darrell l Kelly A&P3033305 Darrell L Kelly

RE: 570-010

# ENGINE SERVICE RECORD

Airport: KRNM Work Order: 10114

DallasAirmotive

## Maintenance Record

| | | | |
|---|---|---|---|
| Make/ Model | Kingair C90A | Aircraft TT/TC | 5,531.1 / 9,572 |
| Registration | N252RC | Engine 1 TT/TC | |
| Serial Number | LJ-1152 | Engine 2 TT/TC | 9,923.1 / 9,834 |
| Customer Work Order | | Prop TSMOH | |

The following items were accomplished during the above work order.

22. Engine Minor Inspection RH

Performed RH Engine Minor Inspection Per PWC PT6A LMM CH 05-00-00. Any discrepancies cleared on separate line items. Performed compressor wash, engine borescope inspection, and fuel nozzle replacement with serviced fuel nozzles. Nozzles Serviced by Heritage Turbines CRS #H1IR069Y, See 8130 Form Tracking Number 57892 Dated 12/Sept/2024.

I certify that this engine has been inspected or repaired in accordance with current Federal Aviation Regulations and is approved for return to service.

Authorized Signature: _____ Certificate Number: AP3550299IA Date: 10/31/24

FORM 110

JetSet San Diego

RE: 570-010

# AIRCRAFT MAINTENANCE RECORD

Page No. _____

| Date | Total Time | DESCRIPTION OF WORK PERFORMED<br>SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK |
|---|---|---|

CAR FORW

Airport: KRNM Work Order: 10114

Maintenance Record 3,

| | | | |
|---|---|---|---|
| Make/ Model | Kingair C90A | Aircraft TT/TC | 5,531.1 / 9,572 |
| Registration | N252RC | Engine 1 TT/TC | 9,845.8 / 9,726 |
| Serial Number | LJ-1152 | Engine 2 TT/TC | 9,923.1 / 9,834 |
| Customer Work Order | Jetset San Diego | Prop TSMOH | 82.1 / 82.1 |

## The following items were accomplished during the above work order.

21. Starter Generator Drive Spline Lubrication LH and RH Page 3 of 4
Performed LH and RH Starter Generator Drive Spline Lubrication in reference to Kingair C90A AMM CH 24-31-02.

22. Engine Minor Inspection LH
Performed LH Engine Minor Inspection Per PWC PT6A LMM CH 05-00-00. Any discrepancies cleared on separate line items. Performed compressor wash, engine borescope inspection, and fuel nozzle replacement with serviced fuel nozzles. Nozzles Serviced by Heritage Turbines CRS #H1IR069Y, See 8130 Form Tracking Number 57891 Dated 12/Sept/2024.

23. Engine Minor Inspection RH
Performed RH Engine Minor Inspection Per PWC PT6A LMM CH 05-00-00. Any discrepancies cleared on separate line items. Performed compressor wash, engine borescope inspection, and fuel nozzle replacement with serviced fuel nozzles. Nozzles Serviced by Heritage Turbines CRS #H1IR069Y, See 8130 Form Tracking Number 57892 Dated 12/Sept/2024.

24. Chip Detector Continuity Check Due LH Engine
Performed chip detector Continuity Check on LH Engine in reference to Kingair C90A AMM CH 79-30-00. Ops check ok at this time.

25. Flow Control Valve Filters Replace LH and RH
Replaced Flow Control Valve Filters P/N 1520174 NSN With NEW Filters P/N 1520174 NSN in reference to Kingair C90A AMM CH 21-10-11.

26. Pilot Trim Wheel Loose
Tightened grub screw as required. No further defects noted at this time. Work done in reference to Kingair C90A SPM CH 20-00-00.

27. Oxygen System leaking when turned on
Found hard line B nut loose above cabin headliner panel. Leak check ok at this time. Serviced oxygen to full. Work done in reference to Kingair C90A AMM CH 35-00-00.

28. Key Locks Difficult To Actuate
Lubricated key locks with Medeco key lube as required and exercised locks. Ops check ok, no further defects noted at this time.

I certify that this aircraft has been inspected or repaired in accordance with current Federal Aviation Regulations and is approved for return to service.

Authorized Signature: _____ Certificate Number: AP3550299IA Date: 10/31/24

FORM 110

| | |
|---|---|
| | **SUB-TOTAL** THIS PAGE |
| | **TOTAL** - CARRY FORWARD TO NEXT PAGE |

2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C
(949) 265-9590

**Aircraft Reg No:** *N252RC* **Aircraft Total Time:** *7652.0*
**Aircraft Make:** *Beechcraft* **Aircraft Total Cycles:** *9700*
**Aircraft Model:** *C-90A*
**Aircraft Serial No:** *LJ-1152*

**A detailed record is on file under**
**Work Order No:** *7393* **Date:** *5-16-25*

# *AIRFRAME LOGBOOK ENTRY*

**CORRECTED THE FOLLOWING DISCREPANCIES:**

**DISCREPANCY:** RH 'NO FUEL TRANSFER' ANNUNCIATOR IS ILLUMINATED
**ACCOMPLISHED:** VERIFIED POWER IS GOOD TO RH TRANSFER PUMP AND PUMP IS NOT OPERATING. TRANSFER PUMP FAILED. REMOVED RH FUEL TRANSFER PUMP AND INSTALLED OVERHAULED PUMP. ORG: FLEET SUPPORT SERVICES, CRS: NE5D064N, F/T#: 89154, W/O#: RO45083, DATED: 11/APR/2025. LEAK AND OPERATIONAL CHECK GOOD. REF - KING AIR MODEL 90 AMM 28-20-01. ADDITIONALLY, FOUND FUEL OUTLET TEE AND FUEL DRAIN VALVE SEIZED ON FAILED PUMP. REPLACED TEE AND DRAIN VALVE WITH NEW AS REQUIRED.
TEE PN OFF/ON: MS20825-8, NSN
DRAIN VALVE PN OFF/ON: CCA4850, NSN

**RH TRANSFER PUMP**

| | | | |
|---|---|---|---|
| P/N Removed: | 50-389094-5 | P/N Installed: | 50-389094-5 |
| S/N Removed: | 10AA 125 | S/N Installed: | 3AT 14 |

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME FOR RETURN TO SERVICE.

Signature: _____ Certification Type & Number: FAA CRS #8EJR734C Date: 5-16-25
Mike Fitzsimmons

Executive Jet Maintenance, Inc.
2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C

2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C
(949) 265-9590

**Aircraft Reg No:** *N252RC* **Aircraft Total Time:** *7,711.6*
**Aircraft Make:** *Beechcraft* **Aircraft Total Cycles:** *9,783*
**Aircraft Model:** *C90A*
**Aircraft Serial No:** *LJ-1152*

**A detailed record is on file under Work Order No:** *7550* **Date:** *1-19-26*

# *AIRFRAME LOGBOOK ENTRY*

**DISCREPANCY:** LH GENERATOR COOLING DUCT IS CRACKED
**ACCOMPLISHED:** REMOVED CRACKED LH GENERATOR COOLING DUCT AND INSTALLED NEW COOLING DUCT PER BEECH C90A MM 24-31-02. PART ORG. TEXTRON AVIATION INC. (PA0004CE), 1 CESSNA BLVD. WICHITA, KS 67215, FTN: 9994948, WO: 6509508, 17DEC2025.
SHROUD ASSY: P/N OFF/ON: 109-910104-19, NSN

**DISCREPANCY:** SEALANT BETWEEN WINDSHIELDS IS DAMAGED
**ACCOMPLISHED:** RE-SEALED GAP BETWEEN WINDSHIELDS IAW BEECHCRAFT C90A SPM 20-10-00. NO DEFECTS NOTED.

**DISCREPANCY:** ALL PROP ICE BOOTS HAVE LOOSE / MISSING EDGE SELANT
**ACCOMPLISHED:** REMOVED LOOSE EDGE SEALANT AND APPLIED POLANE T PAINT PER HARTZELL ICE PROTECTION MANUAL 30-61-80.

**DISCREPANCY:** ALL DE-ICE BOOTS NEED STRIPPED AND DRESSED
**ACCOMPLISHED:** STRIPPED AND DRESSED ALL ICE BOOTS AS REQUIRED. REF - KING AIR 90 SERIES AMM 30-10-01

**DISCREPANCY:** ALL PROP BLADES REQUIRE DRESSING
**ACCOMPLISHED:** REMOVED ALL NICKS AND SCRATCHES AND REPAINTED ALL 6 BLADES PER HARTZELL PROPELLER MANUAL 139. NO FURTHER DEFECTS NOTED.

**DISCREPANCY:** LH ELEVATOR TRIM TAB FAILED FREE PLAY CHECK
**ACCOMPLISHED:** REMOVED LH ELEVATOR AND LH ELEVATOR TAB ACTUATOR, REPLACED TAB ACTUATOR BEARING PER BEECH SPM 20-05-00, REINSTALLED LH ELEVATOR TAB ACTUATOR AND ELEVATOR PER BEECH MM 27-30-01 AND 27-30-13. ACCOMPLISHED LH ELEVATOR TAB FREEPLAY CHECK PER BEECH MM 27-30-18. FREEPLAY IS WITHIN LIMITS. NO FURTHER DEFECTS NOTED.
BEARING: P/N OFF/ON: FF609-3, NSN

**DISCREPANCY:** RUDDER TRIM TAB FAILED FREE PLAY CHECK
**ACCOMPLISHED:** FOUND WASHER AND SHIM MISSING FWD OF THE ACTUATOR SPROCKET. INSTALLED WASHER AND SHIM AND NEW RUDDER TRIM HORN BOLT AND BUSHING. KING AIR 90 SERIES MM REF: 27-20-15. FINAL RUDDER TRIM TAB E VALUE = 0.003 IN. SHIM
SHIM PN ON: 60-526013-1, BOLT PN ON: 130909B171, BUSHING PN ON: 105740X-ZH0115

**DISCREPANCY:** CABIN ALT PRESSURE SWITCH FAILED OPERATIONAL TEST
**ACCOMPLISHED:** FOUND CABIN ALT PRESSURE SWITCH INTERNALLY FAULTED. REMOVED CABIN ALT PRESSURE SWITCH AND INSTALLED A NEW SWITCH. ORG: TEXTRON AVIATION INC. A/A NO: PA0004CE, FORM TRACKING: 9977578, WO: 6493009, DATED: 04/DEC/2025. CABIN ALT PRESSURE SWITCH SYSTEM OPS CHECKED SATISFACTORY. REF: BEECHCRAFT KING AIR MODEL 90 SERIES AMM 21-30-11.

**CABIN ALTITUDE WARNING PRESSURE SWITCH**

| | | | |
|---|---|---|---|
| P/N Removed: | 101-38428-3 | P/N Installed: | 101-384028-47 |
| S/N Removed: | G4235 | S/N Installed: | 2067 |

**DISCREPANCY:** MULTIPLE EDGE LIGHTED PANELS HAVE BURNED OUT LIGHT BULBS AND MISSING SCREWS
**ACCOMPLISHED:** REMOVED BURNED OUT LIGHT BULBS FROM MULTIPLE EDGE LIGHTED PANELS AND INSTALLED NEW LIGHT BULBS. INSTALLED NEW SCREWS TO EDGE LIGHTED PANELS. EDGE LIGHTED PANELS OPS CHECKED SATISFACTORY. REF: KING AIR MODEL 90 SERIES AMM 33-10-03. LIGHT BULBSPN OFF / ON: D158-100-5 SCREW PN OFF / ON: NAS662C2R2

**DISCREPANCY:** LH WING OUTBOARD FLAP BONDING STRAPS FRAYED OR BROKEN.
**ACCOMPLISHED:** REPLACED BONDING STRAPS AS REQUIRED PER KING AIR SERIES 90 SPM 20-03-00. BONDING STRAP PN ON: MS25083-2AA6

**DISCREPANCY:** LH ENGINE OTB EXHAUST DUCT IS CRACKED AT COWL A/I OFFTAKE
**ACCOMPLISHED:** REMOVED FOR REPAIR. REINSTALLED REPAIRED LH ENGINE OTB EXHAUST DUCT ORG: AERO AIR LLC FTN: MPROP-13455.1.2 WO: MPROP-13455 CERT: 09IR003Y DATE: 08-JAN-2026 PER KING AIR MODEL C90 AMM 78-10-00.

**DISCREPANCY:** LH NOSE WHEEL BEARING HAS CRACKED ROLLER
**ACCOMPLISHED:** REMOVED CRACKED LH NOSE WHEEL BEARING AND INSTALLED NEW LH NOSE WHEEL BEARING ORG: THE TIMKEN CORPORATION 120 HIDDEN LAKE CIRCLE DUNCAN, SC 29334-9492. DMS #: 394387296. F/T #: D52097, W/O #: 704751642, DATED: 06-DEC-2024. REF: KING AIR 90 SERIES MM 32-40-15. BEARING PN OFF/ON: 19150, NSN

**DISCREPANCY:** RH INBOARD MAIN WHEEL BEARING HAS CRACKED ROLLER
**ACCOMPLISHED:** REMOVED CRACKED LH NOSE WHEEL BEARING AND INSTALLED NEW LH NOSE WHEEL BEARING ORG: THE TIMKEN CORPORATION 120 HIDDEN LAKE CIRCLE DUNCAN, SC 29334-9492. DMS #: 999995608. F/T #: D51631, W/O #: 704391049, DATED: 08-OCT-2024. REF: KING AIR 90 SERIES MM 32-40-15. BEARING PN OFF/ON: 07100, NSN

**DISCREPANCY:** LH AND RH PROP HEAT BRUSHES ARE WORN
**ACCOMPLISHED:** REMOVED WORN LEFT AND RIGHT PROP HEAT BRUSHES AND INSTALLED NEW LEFT AND RIGHT BRUSHES PER HARTZELL MANUAL 180 30-61-80. PROP HEAT OPS CKS GOOD. PART ORG. RAPCO, INC. #PQ2101CE, 445 CARDINAL LANE, HARTLAND, WI 53029, FTN: 50104-3, WO: 69437, 23MAY2025. BRUSHES: P/N OFF: 3E2011-2 P/N ON: RA2111U, NSN

**DISCREPANCY:** RH ENGINE OIL COOLER DUCT HAS PULLED RIVET ON INBD SIDE
**ACCOMPLISHED:** REMOVED PULLED RIVET AND INSTALLED NEW RIVET PER BEECH C90A SIRM 20-50-03. NO FURTHER DEFECTS NOTED.

**DISCREPANCY:** RH ENGINE INBD AND LH ENGINE OTB MOUNT ISOLATORS ARE CRACKED AND DISTORTED
**ACCOMPLISHED:** REMOVED CRACKED AND DISTORTED RH ENGINE INBD AND LH ENGINE OTB MOUNT ISOLATORS AND INSTALLED NEW RH ENGINE INBD AND LH ENGINE OTB MOUNT ISOLATORS ORG: TEXTRON AVIATION INC., FTN: 10006685, WO: 6521269, AUTH: PA0004CE DATE: 30/DEC/2025 PER BEECHCRAFT KING AIR MODEL 90 SERIES AMM 71-01-01.
ENGINE MOUNT ISOLATORS P/N OFF/ON: R20700-11, NSN

2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C
(949) 265-9590

**Aircraft Reg No:** *N252RC* **Aircraft Total Time:** *7,711.6*
**Aircraft Make:** *Beechcraft* **Aircraft Total Cycles:** *9,783*
**Aircraft Model:** *C90A*
**Aircraft Serial No:** *LJ-1152*

**A detailed record is on file under Work Order No:** *7550* **Date:** *1-19-26*

# *AIRFRAME LOGBOOK ENTRY*

**DISCREPANCY:** RH ENGINE CABIN PRESSURIZATION AMBIENT INLET DUCT IS TORN
**ACCOMPLISHED:** REMOVED TORN RH ENGINE CABIN PRESSURIZATION INLET DUCT AND INSTALLED NEW DUCT AS NECESSARY. DUCT LEAK CKS GOOD. PART ORG. TEXTRON AVIATION INC. (PA0004CE) 1 CESSNA BLVD, WICHITA, KS 67215, FTN: 9998126, W/O: 6512660, 19DEC2025. FLEX DUCT: P/N OFF/ON: CEETS5-120-5, NSN

**DISCREPANCY:** LH AND RH ENGINE ICE VANE LINKAGE IS WORN AT FWD AND AFT ENDS
**ACCOMPLISHED:** REMOVED WORN BUSHINGS AND BOLTS FROM LH AND RH ICE VANE LINKAGE FWD AND AFT ENDS AND INSTALLED NEW BOLTS AND BUSHINGS PER BEECH C90A MM 30-23-00. ICE VANE ACTUATORS OPS CK GOOD. REF - KING AIR 90 SERIS AMM 32-31-21
BUSHINGS: P/N'S OFF/ON: NAS43HT3-19 AND NAS43HT3-22, NSN
BOLTS: P/N'S OFF/ON: 130909B19, NSN

**DISCREPANCY:** RH ENGINE GANG DRAIN HAS TORN MOUNTING CLAMP INSULATION
**ACCOMPLISHED:** REMOVED AND REPLACED RH ENGINE GANG DRAIN LOWER MOUNTING CLAMP PER KINGAIR SPM 20-06-00.
CLAMP:P/N OFF/ON: MS21919WDG16

**DISCREPANCY:** RH PROP GOVERNOR WIRING RIDING ON STRUCTURE AFT OF GOVERNOR
**ACCOMPLISHED:** INSTALLED CLAMP AND SECURED WIRING PER KINGAIR SPM 20-12-00. CLAMP: P/N OFF/ON: MS21919WCH7

**DISCREPANCY:** RH ENGINE GEARBOX OIL LINE HAS TORN CLAMP AT 11 O'CLOCK POSITION
**ACCOMPLISHED:** REMOVED AND REPLACED TORN OIL LINE CLAMP AT 11 O'CLOCK POSITION PER KINGAIR SPM 20-06-00.
CLAMP:P/N OFF/ON: MS21919WCG12 AND MS21919WDG20

**DISCREPANCY:** RH ENGINE HARNESS / THROTTLE CABLE CLAMPS ARE TORN AT RH LOWER ENGINE MOUNT STRUT
**ACCOMPLISHED:** REMOVED AND REPLACED TORN CLAMPS AS NECESSARY PER KINGAIR SPM 20-12-00. CLAMPS: P/N OFF/ON: MS21919WDG4

**DISCREPANCY:** EVAPORATOR FILTER REQUIRES REPLACEMENT
**ACCOMPLISHED:** REMOVED EVAPORATOR FILTER AND INSTALLED A NEW FILTER. ORG: TEXTRON AVIATION INC. A/A NO: PA0004CE, FORM TRACKING: 9994948, WO: 6509508, DATED: 17/DEC/2025. REF: BEECHCRAFT KING AIR 90 SERIES AMM 12-10-11.
EVAPORATOR FILTER PN OFF / ON: 90-555101-0001, NSN

**DISCREPANCY:** LH PROP CONTROL CABLE IS MISROUTED JUST FWD OF FIREWALL
**ACCOMPLISHED:** RE-ROUTED LH PROP CONTROL CABLE FWD OF FIREWALL PER TEXTRON C90A AMM 76-14-03.

**DISCREPANCY:** LH ENGINE FUEL CONTROL CABLE CLAMPS ARE EXCESSIVLY LARGE ALLOWING CHAFING
**ACCOMPLISHED:** REMOVED LARGE CLAMPS AND INSTALLED CORRECTLY SIZED CLAMPS PER TEXTRON C90A AMM 76-14-03.
ADEL CLAMP P/N OFF: MS21919WDG13 P/N ON: MS21919WDG12

**DISCREPANCY:** LH AND RH BRAKE DISCS HAVE EXCESSIVE WEAR. FAILED CONING CHECK.
**ACCOMPLISHED:** REPLACED WORN BRAKE DISCS WITH NEW. REF: CLEVELAND MANUAL AWBCMM0001-28 APPENDIX A. ORG: AIRCRAFT WHEEL AND BRAKE LLC, 1160 CENTER RD, AVON, OH. CRS#: PT2046CE. F/T #: C17202-17793-1. W/O #: 46935562001. DATED: 25 AUG 2025.
BRAKE DISCS PN OFF/ON: 164-20900, NSN

**DISCREPANCY:** LH AND RH BRAKE LININGS ARE WORN
**ACCOMPLISHED:** REMOVED WORN LH AND RH BRAKE LINING AND REPLACED WITH NEW BRAKE LININGS ORG: RAPCO, INC. FTN: 49421-1 WO: 68867 AUTH: PQ2101CE DATE 25FEB2025 PER BEECHCRAFT C90 CMM 32-45-10. BRAKE LININGS P/N OFF/ON: RA066-09000, NSN

**DISCREPANCY:** LH AND RH BRAKES HAVE BROKEN PAD ISOLATORS
**ACCOMPLISHED:** REPLACED BROKEN PAD ISOLATORS WITH NEW. REF: CLEVELAND MANUAL AWBCMM0001-28.
SHIM-INSULATOR PN OFF/ON: RA068-03300, NSN

**DISCREPANCY:** LH AND RH MAIN GEAR DOORS HAVE EXCESSIVE PLAY
**ACCOMPLISHED:** REMOVED ALL WORN BOLTS AND BUSHINGS AT ALL 4 MAIN GEAR DOOR DRIVE RODS, INSTALLED NEW BUSHINGS AND BOLTS AT ALL 4 MAIN GEAR DOOR DRIVE RODS. DOORS OPS CK GOOD.
BOLT PN OFF/ON: 130909B17, 130909B21 AND 130909B24, NSN
BUSHING PN OFF/ON: 50-810145-3 AND 50-810145-5, NSN

**DISCREPANCY:** QTY. 7 STATIC WICKS FAILED INSPECTION
**ACCOMPLISHED:** REMOVED 7 DAMAGED STATIC WICKS AND INSTALLED 7 NEW STATIC WICKS IAW BEECHCRAFT C90A AMM 23-60-01. OPS CHECK GOOD. STATIC WICK(S) P/N OFF/ON: 101-380053-11, NSN

**DISCREPANCY:** CURRENTLY INSTALLED RH UPPER AFT WING BOLT COVER IS INCORRECT PART
**ACCOMPLISHED:** REMOVED RH UPPER AFT WING BOLT COVER AND INSTALLED NEW, PROPER P/N COVER AS NECESSARY.
COVER ASSEMBLY P/N ON: 50-120101-10, NSN

**DISCREPANCY:** BOTH UPPER AFT WING BOLT COVER SCREW RECEPTACLES ARE MISSING
**ACCOMPLISHED:** INSTALLED NUTPLATES AS REQUIRED FOR BOTH UPPER AFT WING BOLT COVERS.

**DISCREPANCY:** LH ELEVATOR HAS WORN ATTACHING HARDWARE
**ACCOMPLISHED:** REMOVED WORN BEARINGS, BOLTS AND BUSHINGS AT O/B, CTR AND INBD HINGES AND INSTALLED NEW BEARINGS, BOLTS AND BUSHINGS AT O/B, CTR AND INBD HINGES PER BEECH SPM 20-05-00.
BOLTS: NAS464P4-16, NSN. BUSHINGS: 50-610010-3 AND 50-610010-5, NSN. BEARINGS: 90-384030-1 AND 90-384030-3, NSN

2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS # 8EJR734C
(949) 265-9590

| | | | |
|---|---|---|---|
| **Aircraft Reg No:** | *N252RC* | **Engine Make:** | *P&W* |
| **Aircraft Make:** | *Beechcraft* | **Engine Part No:** | *PT6-21* |
| **Aircraft Model:** | *C90A* | **Engine Serial No:** | *PCE-24604* |
| **Aircraft Serial No:** | *LJ-1152* | **Engine Time Since New:** | *10046.2* |
| **Aircraft Total Time:** | *7,711.6* | **Engine Cycles Since New:** | *9937* |
| **Aircraft Total Cycles:** | *9,783* | **Position:** | *1* |
| | | **Date:** | *1-19-26* |
| **A detail record is on file under Work Order No:** | *7550* | | |

# *ENGINE LOGBOOK ENTRY*

**ACCOMPLISHED THE FOLLOWING WORK:**

**SCHEDULED ITEM:** **050010** SCHEDULED INSPECTION PROGRAM (PHASE 1) - INSPECTION/CHECK
**ACCOMPLISHED:** COMPLIED WITH SCHEDULED INSPECTION PROGRAM (PHASE 1) - INSPECTION/CHECK I.A.W KING AIR C90A AMM CH 05-25-01

**SCHEDULED ITEM:** **050020** SCHEDULED INSPECTION PROGRAM (PHASE 2) - INSPECTION/CHECK
**ACCOMPLISHED:** COMPLIED WITH SCHEDULED INSPECTION PROGRAM (PHASE 2) - INSPECTION/CHECK I.A.W KING AIR C90A AMM CH 05-25-02

**SCHEDULED ITEM:** **050050** ENGINE MINOR INSPECTION (LEFT)
**ACCOMPLISHED:** COMPLIED WITH LEFT ENGINE MINOR INSPECTION. REF - PT6A-21 EMM 72-00-00

**SCHEDULED ITEM:** **057102** COMPRESSOR WASH (LEFT)
**ACCOMPLISHED:** COMPLIED WITH LEFT ENGINE COMPRESSOR WASH. REF - PT6A-21 EMM 71-00-00

**SCHEDULED ITEM:** **741040** IGNITION CABLES INSPECT
**ACCOMPLISHED:** C/W, NO DEFECTS NOTED PER PT6A-21 MM 74-20-00

**CORRECTED THE FOLLOWING DISCREPANCIES:**

**DISCREPANCY:** BOTH LH ENGINE IGNITER PLUGS ARE WORN BEYOND LIMITS
**ACCOMPLISHED:** REMOVED LH ENGINE I/B AND O/B IGNITORS AND INSTALLED NEW I/B AND O/B IGNITORS PER PT6A-21 MM 72-20-00. PART ORG: (IGNITORS) TEXTRON AVIATION INC. (PA0004CE) 1 CESSNA BLVD. WICHITA, KS 67215, FTN: 9994948, WO: 6509508, 17DEC2025. OPS CHECK GOOD

**IGNITORS, IB**

| | | | |
|---|---|---|---|
| P/N Removed: | CPW3035102 | P/N Installed: | 10-390667-1 |
| S/N Removed: | NSN | S/N Installed: | NNA24320089 |

**IGNITORS, OB**

| | | | |
|---|---|---|---|
| P/N Removed: | CPW3035102 | P/N Installed: | 10-390667-1 |
| S/N Removed: | NSN | S/N Installed: | NNA24320071 |

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME FOR RETURN TO SERVICE.

Signature: MR F _____ Certification Type & Number: FAA CRS #8EJR734C Date: 1-19-26
Mike Fitzsimmons

Executive Jet Maintenance, Inc.
2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C

2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS # 8EJR734C
(949) 265-9590

| | | | |
|---|---|---|---|
| **Aircraft Reg No:** | *N252RC* | **Engine Make:** | *P&W* |
| **Aircraft Make:** | *Beechcraft* | **Engine Part No:** | *PT6-21* |
| **Aircraft Model:** | *C90A* | **Engine Serial No:** | *PCE-24601* |
| **Aircraft Serial No:** | *LJ-1152* | **Engine Time Since New:** | *10,123.5* |
| **Aircraft Total Time:** | *7,711.6* | **Engine Cycles Since New:** | *10,045* |
| **Aircraft Total Cycles:** | *9,783* | **Position:** | *2* |
| **A detail record is on file under Work Order No:** | *7550* | **Date:** | *1-19-26* |

# *ENGINE LOGBOOK ENTRY*

**ACCOMPLISHED THE FOLLOWING WORK:**

**SCHEDULED ITEM:** **050010** SCHEDULED INSPECTION PROGRAM (PHASE 1) - INSPECTION/CHECK
**ACCOMPLISHED:** COMPLIED WITH SCHEDULED INSPECTION PROGRAM (PHASE 1) - INSPECTION/CHECK I.A.W KING AIR C90A AMM CH 05-25-01

**SCHEDULED ITEM:** **050020** SCHEDULED INSPECTION PROGRAM (PHASE 2) - INSPECTION/CHECK
**ACCOMPLISHED:** COMPLIED WITH SCHEDULED INSPECTION PROGRAM (PHASE 2) - INSPECTION/CHECK I.A.W KING AIR C90A AMM CH 05-25-02

**SCHEDULED ITEM:** **050050** ENGINE MINOR INSPECTION (RIGHT)
**ACCOMPLISHED:** COMPLIED WITH RIGHT ENGINE MINOR INSPECTION. REF - PT6A-21 EMM 72-00-00

**SCHEDULED ITEM:** **057102** COMPRESSOR WASH (RIGHT)
**ACCOMPLISHED:** COMPLIED WITH RIGHT ENGINE COMPRESSOR WASH. REF - PT6A-21 EMM 71-00-00

**SCHEDULED ITEM:** **741040** IGNITION CABLES INSPECT (RIGHT)
**ACCOMPLISHED:** INSPECTED IGNITION CABLES PER PT6A-21 MM 74-20-00. SEE EJM 7550/57 FOR DISCREPANCY AND CORRECTIVE ACTION.

**CORRECTED THE FOLLOWING DISCREPANCIES:**

**DISCREPANCY:** RH ENGINE INBD AND OTB IGNITOR AND IGNITOR LEAD ARE BURNED AND BROKEN AT IGNITOR CONNECTION
**ACCOMPLISHED:** REMOVED RH ENGINE I/B AND O/B IGNITORS AND IGNITOR LEADS AND INSTALLED NEW I/B AND O/B IGNITORS AND LEADS PER PT6A-21 MM 72-20-00. PART ORG. (IGNITORS) TEXTRON AVIATION INC. (PA0004CE) 1 CESSNA BLVD. WICHITA, KS 67215, FTN: 9994948, WO: 6509508, 17DEC2025. (IGNITOR LEADS) CHAMPION AEROSPACE LLC, 1230 OLD NORRIS ROAD, LIBERTY, SC 29657-3508, PQ1287CE-D, FTN: 613726-1-1W/O: 1488924, 17NOV2025. ALL OPS CK GOOD.
IGNITOR LEADS: P/N OFF/ON: CH53399-04, NSN

**IGNITORS I/B**

| | | | |
|---|---|---|---|
| P/N Removed: | CPW3035102 | P/N Installed: | 10-390667-1 |
| S/N Removed: | UNK | S/N Installed: | NNA24280076 |

**IGNITORS O/B**

| | | | |
|---|---|---|---|
| P/N Removed: | CPW3035102 | P/N Installed: | 10-390667-1 |
| S/N Removed: | UNK | S/N Installed: | NNA24280087 |

THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED WITH RESPECT TO WORK PERFORMED AT THIS TIME FOR RETURN TO SERVICE.

Signature: MRF Certification Type & Number: FAA CRS #8EJR734C Date: 1-19-26
Mike Fitzsimmons

Executive Jet Maintenance, Inc.
2027 E Perimeter Road
San Bernardino, CA 92408
FAA CRS #8EJR734C