

N252RC

1987 KingAir C90A

Left Engine Logbook

2006 - Current

MSN: LJ-1152



RidgeAir
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAir, Inc.

DallasAirmotive™



ENGINE S/N _____ PCE24604 _____

POSITION LEFT _____

200-007

DallasAirmotive

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

PT6A-21	Engine S/N: PCE24604	T.S.N.: 6995.7	C.S.N.: 7110	T.S.O.: 00.0	C.S.O.: Zero
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Overhauled, Tested And Preserved I/A/W Pratt & Whitney Overhaul Manual 3013243 Revision 25. Turbine Vane Ring Areas: PT: 14.30 CT: 13.13

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 Due 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 N/A Due To P/N Installed

Pratt & Whitney's Service Bulletins Accomplished: Reduction Gearbox: 1476, 1484 Power Section: 1610 Gas Generator: 1148, 1276, 1473, 1513 Accessory Gearbox: 1564, 1637
General: 1002, 1359, 1410, 1441, 1477, 1478, 1487, 1488, 1490, 1493, 1555

Manufacturer's Service Bulletins Accomplished: Honeywell: 73-4 Woodward: 33606

CORRECTED ENGINE PERFORMANCE

SHP	Ng %	T ₅ °F	T ₅ °C	SFC	T ₅ PULL DOWN REQUIRED	T ₅ TRIMMER
550	94.4	1092	588	.661	44.3 °C	P/N 3031417CL30

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

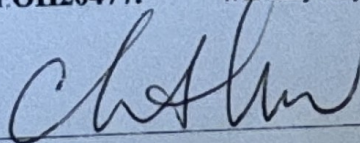
Name	Part Number	Serial Number	Total Hours	Total Cycles	Remarks	Name	Part Number	Serial Number	Total Hours	Total Cycles	Remarks
Disk-Stg 1 P.T.	3022412	8A275	6995.7	7110		Rear Hub	3013111	1B984	6995.7	7110	
Impeller	3013176	9E440	3029.6	3005		Disk-C.T.	3013411	1B399	6995.7	7110	
Disk-Stg 3 Comp.	3011713	B3372	5548.1	5549	EX PCE024400	Blades C.T.	3039901	N/A	T.S.O.: 00.0	N/A	
Disk-Stg 2 Comp.	3013712	A001P0B9	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	A33521	00.0		Ignition Cables	10-395427-5	05496093	New	
Flow Divider	3019906	10513	00.0		Igniter Plugs	CH34055	N/A	New	
Fuel Heater	10552E	4816	00.0		Bleed Valve	3100829-03	1A385	00.0	
Fuel Pump	025323-101-02	6493	00.0		Bus Bar	3027628	HR15300	00.0	
OSU Governor				Not Received	T ₅ Lead	3117924-01	NR22384	New	
CSU Governor	8210-002AE	1476454	00.0		T ₅ Trimmer	3031417CL30	N/A	00.0	
Ignition Exciter				Not Received	Main Oil Filter	3059258-01	N/A	New	
Ignition Cables	10-395427-5	05496094	New		Fuel Nozzles	XXXXXX	XXXXXX	00.0	

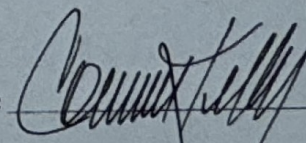
This Engine Has Been Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration. Pertinent Details Of This Repair Are On File At This Repair Station Under Sales Order: **OH20477**. **Warranty May Only Be Transferred With Prior Written Consent. Call 800-527-5003 For Details.**

Authorized Signature: _____



Date: January 24, 2006

Prepared By: _____



Date: January 24, 2006

ENGINE SERVICE RECORD

Dallas Airmotive

ENGINE



STEVENS AVIATION INC.
NASHVILLE, TN

MODEL

N416BK
S/N LJ-816
TSN 7121.3

ACTT 7121.3
HM 7121.3
CSN 7236

DATE

February 6, 2006 *24604*
Left Engine S/N PCE-24601

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Removed serviceable engine S/N PCE-24601 from aircraft N416BK S/N LJ-816 for overhaul and installed overhauled Engine S/N PCE-24604 from Dallas Airmotive Inc CRS# YRRR491L. Serviced engine with BP 2380 engine oil. Ground run operational leak checks satisfactory.

Overhauled Engine S/N PCE-24604

TSN 6995.7
TSO 0.0

CSN 7110
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 17308.

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

D-



STEVENS AVIATION INC.
NASHVILLE, TN

May 26, 2006

Left Engine S/N PCE-24604

DATE

N416BK
S/N LJ-816
TSN 7037.2
TSO 41.5

ACTT 7162.8
HM 7162.8
CSN 7148
CSO 38

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

Chazell
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

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

DATE

ACCUMULATIVE TOTALS

HOURS		CYCLES	
SINCE NEW	SINCE O/H	SINCE NEW	SINCE O/H

DESCRIPTION OF WORK PERFORMED



STEVENS AVIATION INC.
NASHVILLE, TN

February 6, 2007

Left Engine S/N PCE-24604

N416BK

S/N LJ-816

TSN 7217.7

TSO 222.0

ACTT 7343.3

HM 7343.3

CSN 7328

CSO 218

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

Chapman

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. 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 block. 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 & 18858**.

Signed

Chapman

For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K

DATE



STEVENS AVIATION INC.
NASHVILLE, TN

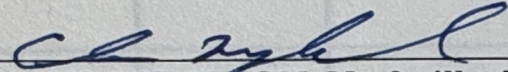
August 15, 2008

Left Engine S/N PCE-24604

N416BK
S/N LJ-816
TSN 7593.3
TSO 595.6

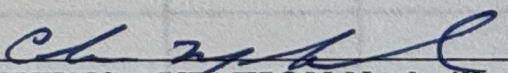
ACTT 7718.9
HM 7718.9
CSN 7669
CSO 559

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. Complied with 400 hr Engine fuel nozzle overhaul by Tenn Aircraft. C/W 400 hr Boroscope Inspection, Serviceable at this time. 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

DATE



STEVENS AVIATION INC.

NASHVILLE, TN

August 20, 2009

Left Engine S/N PCE-24604

N416BK

S/N LJ-816

TSN 7780.0

TSO 782.3

ACTT 7905.6

HM 7905.6

CSN 7856

CSO 746

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. 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

ENGINE SERVICE RECORD

DallasAirmotive.

ENGINE SERIAL NO. _____

MODEL _____

DATE



STEVENS AVIATION INC.
NASHVILLE, TN

N416BK

ACTT 8045.1

August 20, 2010

Left Engine S/N PCE-24604

S/N LJ-816

TSN 7919.5

TSO 921.8

HM 8045.1

CSN 7995

CSO 885

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

ACCUMULATIVE TOTALS

DATE

HOURS

CYCLES

DESCRIPTION OF WORK PERFORMED



STEVENS AVIATION INC.
NASHVILLE, TN

December 6, 2010

Left Engine S/N PCE-24604

N416BK
S/N LJ-816
TSN 7960.3
TSO 962.6

ACTT 8085.9
HM 8085.9
CSN 8036
CSO 926

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. C/W 400 hr Fuel nozzle cleaning and flow check. C/W 1000 hr Oil filter replacement. Removed and replaced left engine case drain hose; case drain fitting ops checked satisfactory. 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

Abilene Aero Inc. 2850 Airport Blvd. Abilene TX 79601 WO# 12114 Registration# N416BK Date: 12/31/11
Engine S/N 24604 Meter: 8251.3 Total Time: 8125.3 TSMOH: 1092.0
Airworthiness Directives Through 2011-25

C/W phase 1 and 2 inspection on left 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. -- Installed 2 new igniters P/N CH34055 with new gaskets P/N 3010880 on Lt eng.

RB weh
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 24604 Meter: 93.6 Total Time: 8259.4 Cycles: 8036 TSMOH: 1226.1
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.

RB weh
Approved for return to service
Ray McClure AP181547748

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

L/H Engine Entry
Date: 06/12/2013

NN416BK
W.O. 3036

ACTT: 8473.2

Inspections Performed:

- Performed 400 hour lubrication and inspection of the Generator Spline Shaft.
- Performed 400 hour fuel nozzle inspection and flow check. 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

Johnathan Bradley Flora

Dallas

Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

Engine Entry

Date: 08/01/2013

HOBBS: 0194.4

ACTT: 8485.8

N416BK

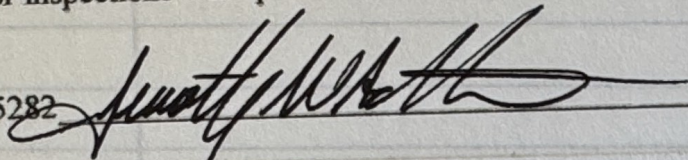
W.O. 3203

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

LH Engine Entry

Date: 01/10/2014

S/N PCE-24604

HOBBS: 252.6

ACTT: 8543.6

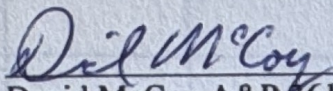
SMOH: 1385.1

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 performed

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



David McCoy A&P 3615278

Nevitt Aircraft Incorporated

4309 Emma Browning Av. Austin, Texas 78719

LH Engine Entry

Date: 01/17/2015

S/N PCE-2

HOBBS: 34

ACTT: 867

SMOH: 1516

ENGINE

DATE

N416BK

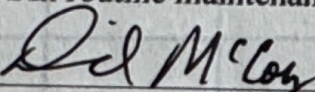
W.O. 3999

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 performed

1. Installed 4 Qts of Exxon 2380 oil
2. Removed and reinstalled engine driven fuel pump P/N 025323-101-02 S/N 7482
After O.H. by Kansas Aviation of Independence L.L.C.
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


David McCoy A&P 615278

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

N416BK
W.O. 4273

LH Engine Entry
Date: 8/5/2015

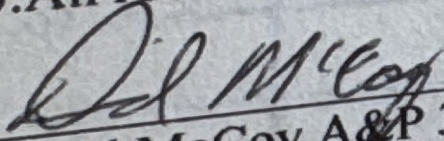
S/N PCE-24604
HOBBS: 457.9
ACTT: 8748.9
SMOH: 1590.4

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 performed

1. Installed 2 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.
5. All routine maintenance C/W
Ops Ck good no leaks noted.


David McCoy A&P 3615278

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

N416BK
W.O. 4649

LH Engine Entry

Date: 04/06/2016

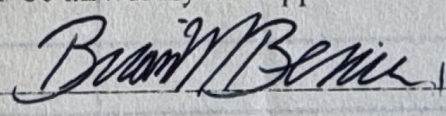
S/N PCE-24604
HOBBS: 552.2
ACTT: 8843.2

Maintenance performed

1. . Removed starter/generator and replaced with overhauled unit p/n 23048-018, s/n 14918. Supplied by Memphis Propeller Service, INC. Approval/Certificate No. P14R441M.

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



DATE

ACCUMULATIVE TOTALS

HOURS

CYCLES

SINCE

SINCE

SINCE

SINCE

DESCRIPTION OF WORK PERFORMED



Engine Make: Pratt & Whitney Engine Model: PT6A-21 Engine Serial Number: P24604

Engine Total Time: 8,743.7 Total Cycles: 8,660 Time Since Overhaul: 1873.6 Cycles Since Overhaul: 1,550

Work Performed:

- Complied with hot section inspection.
- Installed 1ea. CT blade PN: 3039901.
- Installed overhauled small exit duct PN: 3018652, 1ea new CT shroud housing PN: PF3028768 SN: S1-352006 and 16ea shroud segments PN: PF3019438CL8.
- Installed 1ea. Overhauled large exit duct PN: 3109263-01, installed 1ea. new seal ring PN:E3024979 and 1ea. Overhauled T5 wire harness PN: 3117924-01 SN: NRA25691

Details on file at Prime Turbines Repair Station under WO# P2283

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

SERIAL NO. _____ MODEL _____

DATE

ACCUMULATIVE TOTALS

HOURS

CYCLES

SINCE NEW

SINCE O/H

SINCE NEW

SINCE O/H

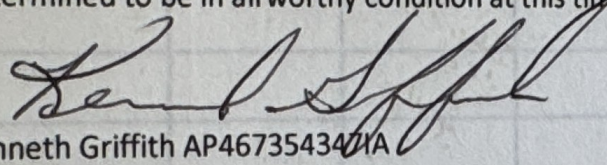
DESCRIPTION OF WORK PERFORMED

THE H COMPANY
1900 CARDIFF RD
BROOKSHIRE TX, 77423

10-3-2016 N416BK C90 LJ816 H/M 552.2 ACTT 8869.4 LDGS 8465
LEFT ENGINE
PT6A-21 S/N PCE-246041 ENG TTIS 8743.8 ENG CYCLES 8,661
ENG TTSMOH 1873.7 CYCLES SMOH 1551

- Complied with Phase 3 inspection in accordance with C90 maintenance manual, Chapter 05-21-03.
- Complied with Phase 4 inspection in accordance with C90 maintenance manual, chapter 05-21-04.
- Complied with 200 Hour No1 engine minor inspection in accordance with EMM, chapter 72-00-00.
- Complied with No1 engine compressor wash.

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.



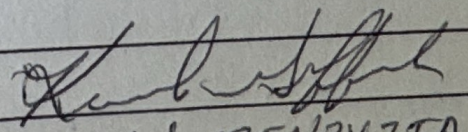
Kenneth Griffith AP4673543471A

10/3/16

ACTT 8869.4

LDGS 8465

This AIRCRAFT WAS ENROLLED IN THE CAMP COMPUTERIZED MAINTENANCE TRACKING PROGRAM. PLEASE SEE CAMP LOG BOOK FOR FURTHER ENTRIES


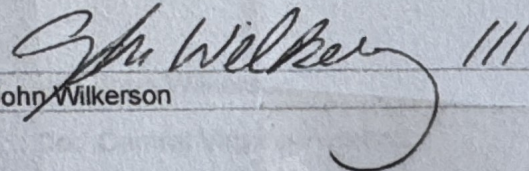

AP4673543475A

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	
					<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>Central Virginia Aviation 6775 Beck Chappell Drive North Dinwiddie VA 23803 (804) 861-9915</p> </div> <div style="width: 45%;"> <p>Make: Pratt & Whitney</p> <p>Model: PT6A-21</p> <p>Tail: N252RC</p> <p>S/N: PCE 24604</p> </div> </div> <p>Hours: ETT:9538.1 ETC:9231</p> <p>Complete Phase Inspection performed (1-4) 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.</p> <p>I certify that this engine has been repaired/inspected IAW 14CFR 91.409 (f)(3) and Beechcraft 90 MM phases 1-4 and was found to be in an airworthy condition and is approved for return to service.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 60%;"> <p>Signed: </p> <p>Name: John Wilkerson</p> </div> <div style="width: 35%;"> <p>Cert: A&P 4090871</p> <p>Date: 08/18/2020</p> </div> </div>

ENGINE SERVICE RECORD

08-25-2021 hobb:4176.3 Engine TT:9566.7 tso : 2696.6 Total Cycles: ~~9967~~ 9228 D.K.
9228 D.K.
~~9967~~ 9228DK

DATE

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 BEEHCRAFT 90 SERIES MANUAL IML-90

Darrell I. Kelly AP 3033305

Darrell I Kelly

RMED

09-20-2022 Hobb:4246.1 Landings:8988 Smoh:2769.4

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 I Kelly A&P3033305

Darrell I Kelly

ENGINE SERVICE RECORD

DallasAirmotive

ENC

Airport: KRNM

Work Order: 10114

Maintenance Record

IMED

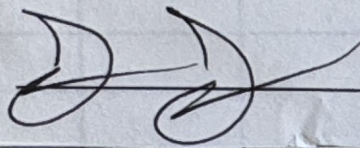
Make/Model	Kingair C90A	Aircraft TT/TC	5,531.1 / 9,572
Registration	N252RC	Engine 1 TT/TC	9,845.8 / 9,726
Serial Number	LJ-1152	Engine 2 TT/TC	
Customer		Prop TSMOH	
Work Order			

The following items were accomplished during the above work order.

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 #H11R069Y, See 8130 Form Tracking Number 57891 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:

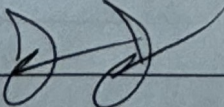
10/31/24

FORM 110

JetSet San Diego

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED 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
<p>The following items were accomplished during the above work order.</p> <p>21. Starter Generator Drive Spline Lubrication LH and RH <small>Performed LH and RH Starter Generator Drive Spline Lubrication in reference to Kingair C90A AMM CH 24-31-02.</small> Page 3 of 4</p> <p>22. Engine Minor Inspection LH <small>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 #H11R069Y, See 8130 Form Tracking Number 57891 Dated 12/Sept/2024.</small></p> <p>23. Engine Minor Inspection RH <small>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 #H11R069Y, See 8130 Form Tracking Number 57892 Dated 12/Sept/2024.</small></p> <p>24. Chip Detector Continuity Check Due LH Engine <small>Performed chip detector Continuity Check on LH Engine in reference to Kingair C90A AMM CH 79-30-00. Ops check ok at this time.</small></p> <p>25. Flow Control Valve Filters Replace LH and RH <small>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.</small></p> <p>26. Pilot Trim Wheel Loose <small>Tightened grub screw as required. No further defects noted at this time. Work done in reference to Kingair C90A SPM CH 20-00-00.</small></p> <p>27. Oxygen System leaking when turned on <small>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.</small></p> <p>28. Key Locks Difficult To Actuate <small>Lubricated key locks with Medeco key lube as required and exercised locks. Ops check ok, no further defects noted at this time.</small></p>			
<p>I certify that this aircraft has been inspected or repaired in accordance with current Federal Aviation Regulations and is approved for return to service.</p>			
Authorized Signature:		Certificate Number:	AP3550299IA Date: 10/31/24
FORM 110			

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

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		



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

Aircraft Reg No: N252RC Aircraft Total Time: 7636.7
Aircraft Make: Beechcraft Aircraft Total Cycles: 9685
Aircraft Model: C-90
Aircraft Serial No: LJ-1152

A detailed record is on file under
Work Order No: 7349

Date: 4-7-25

AIRFRAME LOGBOOK ENTRY

CORRECTED THE FOLLOWING DISCREPANCIES:

DISCREPANCY: NOSE GEAR ACTUATOR IS LEAKING
ACCOMPLISHED: REMOVED NOSE GEAR ACTUATOR AND INSTALLED OVERHAULED ACTUATOR ORG: APPH WICHITA INC. 1445 SIERRA DRIVE WICHITA KS 67209 CRS #: OU2R070L, F/T #: 3034919AES, W/O #: 672342, DATED: 24APR2015. INSTALLED NEW SWIVEL FITTING ORG: TEXTRON AVIATION INC. 1 CESSNA BLVD, WICHITA, KS 67215, CRS #: PC4, F/T #: 9636503, W/O #: 6162401, DATED: 21MAR2025. INSTALLED NEW HOSE FROM SWIVEL TO AIRCRAFT. REF: KING AIR 90 SERIES MM 32-31-23 & 32-31-19. OPS CHECK AND LEAK CHECK GOOD. HOSE P/N ON: 101-388016-3, NSN

ACTUATOR

P/N Removed: 7-5012-17 P/N Installed: 25700-21
S/N Removed: 174 S/N Installed: 3293

SWIVEL FITTING

P/N Removed: 101-388010-1 P/N Installed: 101-388010-1
S/N Removed: 56C6G S/N Installed: 5678

DISCREPANCY: LH PROP RPM GAGE STICKS
ACCOMPLISHED: INSTALLED OVERHAULED TACHOMETER ORG: AERO-MACH LABS, INC. 7707 E FUNSTON ST. WICHITA, KANSAS 67207, CRS #: NU2R044L, F/T #: 0537571, W/O #: 0537571, DATED: 20/FEB/2025. REF: KING AIR MODEL 90 MM 31-10-05. FOUND GAGE ALSO INTERMITTENTLY GOES IN REVERSE DIRECTION, FOUND LH TACHOMETER ELECTRICAL CONNECTOR HAD A BROKEN WIRE. REPAIRED WIRE PER: BEECHCRAFT KING AIR SERIES SPM 20-12-01.

LH TACHOMETER

P/N Removed: 50-380035-1ECH P/N Installed: 50-380035-1EX
S/N Removed: 20J55 S/N Installed: 6862

DISCREPANCY: RH PROP HEAT INOP
ACCOMPLISHED: OBSERVED LOWER AMP DRAW FOR RH PROP. PERFORMED RH PROP HEAT CHECK AND FOUND ONE BLADE NOT GETTING HOT. REMOVED SPINNER AND FOUND ONE RH PROP BLADE DISCONNECTED WITH BROKEN TY-RAPS. ENSURED CONTINUITY BETWEEN PROP BLADE HEAT DISCONNECT AND LOCAL TERMINAL BLOCK, NO DEFECTS NOTED. RESECURED CONNECTOR AND REPLACED BROKEN TY-RAPS. RE-CHECKED RH PROP HEAT. OPS CHECK GOOD, NO DEFECTS NOTED REF KA 90 SERIES AMM 30-60-00

DISCREPANCY: LH ENGINE TORQUE GAGE STICKS
ACCOMPLISHED: SWAPPED GAGES. FAULT DID NOT FOLLOW. RETURNED GAGES TO ORIGINAL POSITIONS. SWAPPED TRANSMITTERS. FAULT FOLLOWED. RETURNED RIGHT TRANSMITTER TO RIGHT ENGINE. INSTALLED OVERHAULED TRANSMITTER ON LEFT ENGINE PER C90 MM 77-10-05. TRANSMITTER CALIBRATION CKS GOOD PER C90 MM77-10-03. TRANSMITTER OPS AND LEAK CKS GOOD. PART ORG. AVIATION PLUS, INC. 12223 SW 131ST AVENUE MIAMI, FL. FTN. 98076, WO: 98106A/C NO.: NCUR282K, 26MAR2025.

LH ENGINE TO TRANSMITTER

P/N Removed: 99-389014-3 P/N Installed: 99-389014-3
S/N Removed: 1132023 S/N Installed: 1003

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 [Signature] Certification Type & Number: FAA CRS #8EJR734C Date: 4-7-25
Mike Fitzsimmons

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

ACTUATOR ASSY
TRACEABILITY → P97

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 Make: Beechcraft
 Aircraft Model: C90A
 Aircraft Serial No: LJ-1152
 Aircraft Total Time: 7,711.6
 Aircraft Total Cycles: 9,783
 A detail record is on file under
 Work Order No: 7550

Engine Make: P&W
 Engine Part No: PT6-21
 Engine Serial No: PCE-24604
 Engine Time Since New: 10046.2
 Engine Cycles Since New: 9937
 Position: 1
 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 (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

	<u>IGNITORS, IB</u>		
P/N Removed:	CPW3035102	P/N Installed:	10-390667-1
S/N Removed:	NSN	S/N Installed:	NNA24320089
	<u>IGNITORS, OB</u>		
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 [Signature] 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
 Aircraft Make: Beechcraft
 Aircraft Model: C90A
 Aircraft Serial No: LJ-1152
 Aircraft Total Time: 7,711.6
 Aircraft Total Cycles: 9,783
 A detail record is on file under
 Work Order No: 7550

Engine Make: P&W
 Engine Part No: PT6-21
 Engine Serial No: PCE-24601
 Engine Time Since New: 10,123.5
 Engine Cycles Since New: 10,045
 Position: 2
 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: MR [Signature] 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