



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make Pratt Whitney
2. Model PTA-34
3. Specification _____
4. Manufacturer's Serial Number 50008
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

MANUFACTURER
Pratt & Whitney

UNIT NAME
Engine

TYPE/MODEL
PT6A-34

SERIAL NUMBER
PCE 50008

TOTAL TIME
12,738

TIME SINCE OVERHAUL
0

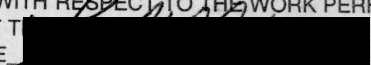
TOTAL CYCLES
14,445

CYCLES SINCE OVERHAUL
0

THE ABOVE ITEM IDENTIFIED RECEIVED

ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐ REPAIR ☐ OHC ☐ HOT SECTION INSPECTION ☐

This engine has been overhauled and tested in accordance with Pratt & Whitney overhaul manual P/N 3021243, Complied with SB1214, PT6A-28 to a PT6A-27 conversion, also complied with Turbines, Inc. STC SE125GL, PT6A-27 to a PT6A-34. This engine is approved for return to service in accordance with FAA regulations. Pertinent details of this overhaul are on file at this repair station under work order T5040.

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT T
WORK ORDER No. **T5040** DATE **5/20/11** SIGNATURE  FOR:

FAX No. 812-877-4604

CRS UTBR513L

TURBINES INC.

Phone 812-877-2587

7303 Maynard Wheeler Lane, Terre Haute International Airport, Hulman Field
Terre Haute, IN 47803

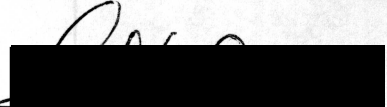
PART	P/N	S/N	TOTAL CYCL	CYCL REM	CYL LIMITS
Hub	3013111	8F342	13683	5317	19,000
Disk	3013712	A000WN4C	14489	9511	24,000
Disk	3011713	A000H5EX	14288	10712	25,000
Impeller	3013176	A8289	14445	4555	19,000
Ct Disk	3013411	A2725	9364	6636	16,000
Pt Disk	3022412	9C634	9542	10458	200000

ACCESSORIES INSTALLED

S/N

TSO

Fuel Control Unit	A41783	0
Fuel Pump	R1311	0
Bleed Valve	1A024	0
Prop Governor	1568368	0
Fuel oil Heater	956	0
Start Flow Control	7964	0

Sign 

Date **5-20-11**

TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

I hereby authorize Turbines, Inc. to do the repair work set forth below and authorize such testing procedures as they may deem necessary. An express mechanic's lien is hereby acknowledged. I will be responsible for articles left in the plane and I agree to hold Turbines, Inc. blameless for any losses above the limits of their liability.

Completed work not picked up within five (5) business days after completion will be assessed interest at the rate of One Hundred Dollars (\$100.00) per day. All articles left on the premises after work is completed may be sold for charges.

All purchases are subject to the terms and disclaimers of the standard Turbine's warranty, copies of which are available upon request.

Authorized by: _____ Date: _____

TURBINES INC.

7303 Maynard Wheeler Lane Terre Haute International Airport Terre Haute, IN 47803
812-877-2587 Fax: 812-877-4604 Email: turbines@abcs.com

White - W.O. Orig.
Green - Inv. Orig.
Yellow - Inv. Copy
Pink - Open Air
Goldenrod - Num. Sec.

FORM T002

MATERIAL USED

COST	QUAN.	PART NUMBER AND DESCRIPTION	PRICE EACH	TOTAL AMOUNT
	1	3032151 Ct Vane Ring		
	1	3016058 Bearing Cover		
	1	3029248 Small exit duct		
	1	3030054 Ct shroud housing		
	1	3018503 Segments		
	1	3020159 Segment ring		
	1	3024992 Pt seal ring		
	1	3024121 Pt stator housing		
	58	T102401-792 Ct blades		
	58	3018240 Ct rivets		
	1	3017968 Ct rotor seal		
	1	3017966 Stub shaft		
	41	3031096 Pt rivets		
	1	3117923-01 T5 Lead		
	1	3028298 Bus bar		
	1	3104278-01 #3 Bearing cover		
	1	3028222 Ct stator seal		
	1	3104402-01 Pt stator seal		
	1	3104403-01 Pt rotor seal		
	1	3008179 Tach drive gear		
	1	3010621 Adjuster		
	1	3011210 Swivel		
	1	3011217 Swivel		
	1	3024765 Sun gear		
	3	3101455-02 1st stage gear set		
	3	3032110 Big bore shafts		
	5	3008012 2nd stage gear		
	1	3102227-01 #6 Bearing		
	1	3015109 Sleeve		
CONTINUED..... Page 1 OF 2				
PARTS BROUGHT FORWARD				
TOTAL PARTS				

NAME Bailey Flying Service		ORDER DATE N/A	INVOICE 5/20/11
ADDRESS CITY		CUST. ORDER NO.	INVOICE NO.
MAKE & MODEL PT6A-34	SERIAL NO. N/A	TOTAL HOURS N/A	SHIPPING DATE 5/23/11
REGISTRATION NO. N/A	ENGINE R or FWD. PCE 50008	SHIP VIA Fed Ex	
RECEIVED N/A 4/4/11	L or AFT N/A	TERMS: P1	

SERVICE DESCRIPTION

This engine has been overhauled and tested in accordance with Pratt & Whitney overhaul manual P/N 3021243, Complied with SB1214, PT6A-28 to a PT6A-27 conversion, also complied with Turbines, Inc. STC SE1251GL, PT6A-27 conversion to PT6A-34. This engine is approved for return to service in accordance with FAA regulations. Pertinent details of this overhaul are on file at this repair station under work order T5040.

LABOR BROUGHT FORWARD

TOTAL LABOR

PARTS

FREIGHT

TAX

Flat Rated

TC

MAINTENANCE RELEASE

This engine or component part thereof identified above was repaired and inspected in accordance with the applicable regulations of the Federal Aviation Administration and is determined to be in airworthy condition with respect to the work performed and is approved for return to service. Pertinent details for the repair are on file at this repair station under Work Order No. **T5040** Dated **5/20/11**

TSO: **Zero**

TSN: **12,738**

CSO: **Zero**

CSN: **14,445**

SIGNED: _____

For: Turbines, Inc.
7303 Maynard Wheeler Lane
Terre Haute, IN 47803
Repair Station No. **UTBR513L**

charges.

Warranties are subject to the terms and disclaimers of the standard Turbine's warranty, copies of which are available upon request.

T002

[illegible]

White - W.O. Orig.
Green - Inv. Orig.
Goldenrod - Num. Sec.

NAME Bailey Flying Service		ORDER DATE N/A	INVOICE 5/20/11
ADDRESS CITY		CUST. ORDER NO.	INVOICE NO.
MAKE & MODEL PT6A-34	SERIAL NO. N/A	TOTAL HOURS	SHIPPING DATE 5/23/11
REGISTRATION NO. N/A	ENGINE R or FWD. PCE 50008	SHIP VIA Fed Ex	
RECEIVED 4-4-11	L or AFT N/A	TERMS: P1	
SERVICE DESCRIPTION			
This engine has been overhauled and tested in accordance with Pratt & Whitney overhaul manual P/N 3021243, Complied with SB 1214, PT6A-28 to a PT6A-27 conversion, also complied with Turbines, Inc. STC SE1251GL, PT6A-27 conversion to a PT6A-34. This engine is approved for return to service in accordance with FAA regulations. Pertinent details of this overhaul are on file at this repair station under work order T5040.			
		LABOR BROUGHT FORWARD	
		TOTAL LABOR	
		PARTS	
		FREIGHT	
Reference Sales order # 1061		TAX	
Page 2 of 2		Flat Rated	TOT
MAINTENANCE RELEASE			
This engine or component part thereof identified above was repaired and inspected in accordance with the applicable regulations of the Federal Aviation Administration and is determined to be in airworthy condition with respect to the work performed and is approved for return to service. Pertinent details for the repair are on file at this repair station under Work Order No. T5040 Dated 5/20/11			
TSO: Zero		TSN: 12,738	
CSO: Zero		CSN: 14,445	
SIGNED: [Signature]			
For: Turbines, Inc. 7303 Maynard Wheeler Lane Terre Haute, IN 47803 Repair Station No. UTBR513L			

1. Approving National Aviation Authority/Country: FAA\USA		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: T-5040	
4. Organization Name and Address: TURBIENS INC, 7303 MAYNARD WHEELER LN, TERRE HAUTE, IN 47803						5. Work Order/Contract/Invoice Number: W.O.T.5040	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ENGINE	PT6A -34	N/A	1	PCE50008	OVERHAUL	
13. Remarks: THIS ENGINE HAS BEEN OVERHAULED IAW PRATT WHITNEY OVERHAUL MAUAL P/N3021243 ENG.T.T. 12738 TCY.14445							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: UTBR513L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): FRANK LLOYD		23. Date (m/d/y): 5/20/11	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Pratt & Whitney

Engine

PT6A-34

PCE 50008

ENGINE TEST DATA

FUEL TYPE - JETA II

OIL TYPE - Exxon 2380

RATING 750 SHP

Ng%

T5R

DEGREES

SFC

DATA PLATE SPD

TRIM CLASS

Take off

750

35581

1727

57789

94.8

GUILD VANE CLASS AVERAGE

CT VANE: 5.99

PT: 12.56

300

AD NOTE AND SERVICE BULLETIN COMPLIANCE

AD

DATE

METHOD OF COMPLIANCE

REOCCURRING

AD 2002-23-13 5/20/11

YES

SERVICE BULLETINS COMPLIED WITH ON THIS OVERHAUL

SB 1214, 1610R2

SIGNED

DATE

5/20/11

SOUTHEASTERN AIRCRAFT SALES & SERVICE

2720 SNEED ROAD, SOUTHEASTERN AIRPORT

FORT PIERCE, FL 34945

5 JULY 2011

PRATT & WHITNEY PT6A-34, S/N PCE-50008, HOBBS 0024.4, TOTAL TIME SINCE OVERHAUL 000.0, REMOVED THIS ENGINE FROM AT402-0876 AND SENT TO TURBINES, INC FOR OVERHAUL. FOLLOWING OVERHAUL RE-INSTALLED THIS ENGINE ON SAME AIRCRAFT, AT402-0876 THIS DATE (SEE TURBINES INC LOG ENTRY AND FORM 8130-3). SERVICED ENGINE WITH BP2380 TURBINE OIL, RIGGED ENGINE AND PROPELLER, GROUND RAN, CHECKED FOR LEAKS AND OPERATING PARAMETERS. THIS ENGINE FOUND ACCEPTABLE FOR RETURN TO SERVICE. MAINTENANCE WAS PERFORMED IAW APPLICABLE AIR TRACTOR AND P&W MAINTENANCE MANUALS AND PUBLICATIONS.

A & P

I certify that this ENGINE
has been inspected in accordance with
DOHR/ANNUAL inspection and
was determined to be in airworthy
condition.

Date 7-5-2011 Total Time 0.0 SMOH

Mech.

A & P

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

ENGINE LOGBOOK SUPPLEMENT

Registration No: **N15467**
Aircraft Model: **Air Tractor AT-402**
Aircraft Serial No: **402-0876**

Date: February 2, 2012..
Airframe Total Time: 6253.7 Hrs.
Engine TSO: 153.0 hrs.
Hobbs reading: 167.0 Hrs.

Engine model & serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008.**

Researched applicability of AD2011-25-12, effective date Dec.28,2011, regarding the first stage reduction sun gears. Found not applicable by the part number of the sun gears installed during the last overhaul by Turbines, Inc. on date June 20, 2011. No further action required .

Jean Pierre Oquet
A& [REDACTED]

ENGINE LOGBOOK ENTRY

Registration No: **N15467**
Aircraft Model: **AIR TRACTOR AT-402**
Aircraft Serial No: **402-0876**
Engine total time: 12880.7 Hrs.
Engine model/serial: **Pratt & Whitney Canada**

Date: August 07, 2012.
Airframe Total Time: 6253.6 Hrs.
Hobbs: 167.1 Hrs.
Engine TSO: 142.7 Hrs.

Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Performed an annual inspection in accordance with FAR 43 appendix D and Air Tractor AT402 service manual and Pratt & Whitney M/M minor/routine /100/200 hrs requirements(table 604). Chip detectors inspected and cleaned. Oil filter electrosonic cleaned. High pressure fuel pump outlet filter replaced with new. Performed a engine compressor recovery wash using RM-C compressor cleaner. Removed, cleaned and reinstalled power section drain line. Verify AD's thru BW2012-14.

I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition and is approved for return to service.

Jean Pierre Oquet
A&P [REDACTED]

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

ENGINE LOGBOOK ENTRY

Registration No: **N15467**

Aircraft Model: **AIR TRACTOR AT-402**

Aircraft Serial No: **402-0876**

Engine total time: **12972.2 Hrs.**

Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Date: **August 02, 2013.**

Airframe Total Time: **6345.1 Hrs.**

Hobbs: **258.6 Hrs.**

Engine TSO: **234.2 Hrs.**

Performed an annual inspection in accordance with FAR 43 appendix D and Air Tractor AT402 service manual and Pratt & Whitney M/M minor/routine /100/200 hrs requirements(table 604). Chip detectors inspected and cleaned. Oil filter electrosonic cleaned. Replaced both ignitors with new, p/n CH34055. High pressure fuel pump outlet filter replaced with new. Performed a engine compressor recovery wash using RM-C compressor cleaner. Replaced both engine induction air filters with new, AF1828.. Verifien AD's thru BW2013-14.

I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition and is approved for return to service.

Jean Pierre Oquet
A&P

ENGINE LOGBOOK ENTRY

Registration No: **N15467**

Aircraft Model: **AIR TRACTOR AT-402**

Aircraft Serial No: **402-0876**

Engine total time: **13069.1 Hrs.**

Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Date: **January 20, 2014.**

Airframe Total Time: **6442.0 Hrs.**

Hobbs: **355.5 Hrs.**

Engine TSO: **331.1 Hrs.**

Performed a engine fuel nozzles inspection and flow check. Removed installed fuel nozzles/adapters assemblies and sheaths. Installed exchange set inspected by Covington Aircraft, CRS# CP2R750K under w/o 218962. Installed 10 primary adapter assemblies, p/n 3106347-01, 3 secondary adapter assemblies, p/n 3106346-01, 1 inlet adapter assembly, p/n 3106348-01 and 14 sheaths, p/n 3120869-01, using new packings and gaskets. Operation and leak checks ok.

Jean Pierre Oquet
A&P

ENGINE LOGBOOK ENTRY

Registration No: **N15467**

Aircraft Model: **AIR TRACTOR AT-402**

Aircraft Serial No: **402-0876**

Engine total time: **12972.2 Hrs.**

Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Date: **September 1, 2014.**

Airframe Total Time: **6537.0 Hrs.**

Hobbs: **450.5 Hrs.**

Engine TSO: **426.1 Hrs.**

Performed an annual inspection in accordance with FAR 43 appendix D and Air Tractor AT402 service manual and Pratt & Whitney M/M minor/routine /100/200 hrs requirements(table 604). Chip detectors inspected and cleaned. Oil filter electrosonic cleaned. High pressure fuel pump outlet filter replaced with new. Performed an engine compressor recovery wash using RM-C compressor cleaner. Cleaned both engine induction air filters. . Verifien AD's thru BW2014-16.

I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition and is approved for return to service.

Jean Pierre Oquet
A&P

ENGINE LOGBOOK ENTRYRegistration No: **N15467**Date: **August 13, 2015.**Aircraft Model: **AIR TRACTOR AT-402**Airframe Total Time: **6692.6 Hrs.**Aircraft Serial No: **402-0876**Hobbs: **606.1 Hrs.**Engine total time: **12972.2 Hrs.**Engine TSO: **581.7 Hrs.**Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Performed an annual inspection in accordance with FAR 43 appendix D and Air Tractor AT402 service manual and Pratt & Whitney M/M minor/routine /100/200 hrs requirements(table 604). Chip detectors inspected and cleaned. Oil filter electrosonic cleaned. High pressure fuel pump outlet filter replaced with new. Performed an engine compressor recovery wash using RM-C compressor cleaner. Replaced both engine induction air filters, p/n P772536. Replaced engine fuel nozzles with overhauled set by Convington Aircraft,consisting in 10 primary adaptors assemblies, p/n 3014704, 3 secondary adaptors, p/n 3014705, 1 inlet adapter assembly,p/n 3106348-01 and 14 sheaths,p/n 3120869-01,using new packings and gaskets. Operation and leak checks ok. Verifier AD's thru BW2015-14.

I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition and is approved for return to service.

Jean Pierre Oquet
A&P

ENGINE LOGBOOK ENTRYRegistration No: **N15467**Date: **December 28, 2016.**Aircraft Model: **AIR TRACTOR AT-402**Airframe Total Time: **6772.6 Hrs.**Aircraft Serial No: **402-0876**Hobbs: **686.1 Hrs.**Engine total time: **12972.2 Hrs.**Engine TSO: **661.7 Hrs.**Engine model/serial: **Pratt & Whitney Canada PT6A-34,s/n PCE-50008**

Performed an annual inspection in accordance with FAR 43 appendix D and Air Tractor AT402 service manual and Pratt & Whitney M/M minor/routine /100/200 hrs requirements(table 604). Chip detectors inspected and cleaned. Oil filter electrosonic cleaned. High pressure fuel pump outlet filter replaced with new. Replaced two nuts on the lower end of the C flange with new. Performed an engine compressor recovery wash using RM-C compressor cleaner. Cleaned both engine induction air filters. Verifier AD's thru BW2016-25.

I certify that this engine has been inspected I/A/W an annual inspection and has been found to be in airworthy condition and is approved for return to service.

Jean Pierre Oquet
A&P

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARYTOTAL
SINCE MFG.

MAINTENANCE RECORD

3

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

02/13/18 ETT: 13,540.9 Hddbs: 827.8

Removed engine from N15467 402-0876

For Transfer to AT-502 Aircraft.

Shipped engine to Prime Turbines, Inc.

for Installation of AGB Accessory

Gears For use with Air Tractor

Factory AIC System, Hot Section

Inspection IAW Pratt & Whitney PT6A-34

Maintenance Manual. Starts Since OH: 314

Flights Since OH: 1231.

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

PRIME  TURBINES

Repair Station KKOR693Y

Work Order: R2250 Date: Mar. 21, 2018

Type Test: Repair

Oil Type: BP2380

Fuel Type: Jet A

Rating	SHP	Ng	°R	T5	°C	SFC
Take-Off	750	36800	1765		707.4	.591
T5 Pull Down Required: 53.6 C°			T5 Trimmer P/N: 3031417CL30			

Complied with a scheduled Hot Section Inspection. Fuel Nozzles have been cleaned, inspected and functionally tested. Installed the following items: (1) each High Speed Gearshaft, (1) each Lo Speed Gearshaft, (4) each AGB Bearings, (1) each Serviceable Combustion Chamber Liner, (1) each **New Oil Filter**, (1) each **New Fuel Filter** and (1) each Overhauled Containment Ring. **Complied with AD 2014-11-05.** Reassembled, tested and preserved. Test results satisfactory. Reference Pratt & Whitney Canada PT6A - 34 Overhaul Manual Part Number 3021243, Revision 44 dated Oct. 9, 2017. Reference Pratt & Whitney Canada PT6A-34 Maintenance Manual Part Number 3021242, Revision 58 dated Feb. 19, 2018.

Model: PT6A-34 **Serial Number:** PCE-50008

Engine Total Time: 13,540.9 Starts Since OH: 314 TSO: 802.9 Flights Since OH: 1,231

The aircraft engine identified above was repaired and inspected, except as noted, in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. R2250. Date: Mar. 23, 2018.

Signed:

(Signature of authorized representative)

For:



PRIMETURBINES

1615 Diplomat Drive

Carrollton, TX 75006

F.A.A. Certified Repair Station KKOR693Y

					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

4

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER



HSI TURBINES, INC.

Specializing in Ag-Aircraft Maintenance

04/21/2018 Pratt & Whitney PT6A-34 S/N: PCE-50008 Hobbs:7451.8 ETTSN:13,540.9 TSO:0802.9

Installed this engine on N61315 AT502B-0305 at AFTT:7451.8hrs using 03ea. new vibration isolators, new fuel and oil lines firewall forward. Serviced engine with 10 quarts of BP 2380 Turbo oil. Rigged engine controls and complied with a ground performance run. Run up was within manufacturers published limits. Leak checked engine with no defects noted.

AD REPORT:

AD75-06-01	Reduction Gear Box	N/A-Complied with at the time of Manufacture.
AD75-11-01	Reduction Gear Box	N/A-Complied with at the time of Manufacture.
AD80-08-12	Fuel Pump Drive Coupling	N/A by Part Number.
AD90-12-05	Complete Engine Overhaul	N/A by Serial Number.
AD97-04-12	Compressor BOV.	N/A by Code Number
AD02-23-13	Turbine Exhaust Duct.	Complied with by visual inspection.
AD11-20-51	First Stage Reduction Sun Gear.	N/A by No PMA Part/part number installed.
AD11-25-12	First Stage Reduction Sun Gear.	N/A by No PMA Part/part number installed.
AD14-11-05	Power Turbine Containment Ring.	N/A by S/N

AD's conformity checked and complied with through this date. I certify that this **ENGINE** has been determined to be in an airworthy condition and is approved for return to service.

A&P

Richard W. Harvey

4/10/2019 Hobbs: 7610.0 TSO: 961.1 REPLACES ENH LOW PRESS FUEL PUMP.

CW 100 HR INSP ON ENGINE. REPLACES FCU FILTER. CLEAN FLOW CK FUEL

NOZZLES. AD02-23-13 C/W BY VISUAL INSP. LEAK & OPS CK SATISFACTORY.

I CERTIFY THIS ENGINE HAS BEEN INSP AND FOUND TO BE AIRWORTHY.

GRANT C NOLES

Date: 09/18/2019 Tach Time: 7838.0 PCE: 16481.4

Preformed 100 Hr. inspection IAW Far 43 Appendix D and Pratt & Whitney Maintenance Manual. Changed Fuel Nozzles with Overhauled nozzles from Tennessee Aircraft P/N 3016348-01, 3019491, changed Fuel filter P/N AN6235-3 Filter. Cleaned Oil Filter, Cleaned P3 Filter, checked all control cables, Bell cranks and linkages. I certify that this engine has been inspected IAW 100 hr. inspection return to service.

Scott Harbour A&P

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <u>NOTE:</u> USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Preformed 100hr. inspection IAW Far 43 Appendix D and Pratt & Whitney Service Manual. Cleaned firewall filter checked all engine controls for lubrication and security, replaced both Air filters using PA 2518, cleaned P3 filter. Complied with AD 02-23-13 by visual inspection there are no other applicable AD's at this time. I certify this engine has been inspected IAW 100hr inspection and found to be Airworthy return to service. Scott Harbour A&P [REDACTED] [REDACTED]