

START 12/9/2019

N3157B

PT6A-34

PCE-57093

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

The subject aircraft was involved in an incident / accident on **8/3/2025** rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: **4223101334US**.

Signed: ***Underwriters Salvage Company***

Date: **12/29/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR INC	MODEL: AT-400A	S/N: 400A-0449
N3157B	ENGINE MODEL: PT6A-34	ENGINE S/N: PCE-57093
HOBBS: 2554.3	AFTT: 11540.6	DATE: 04-09-2024

- Completed PWC PT6A-34 engine 100/300-hour inspection items:
- Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new gaskets and orings.
- Removed oil filter, cleaned, inspected, and reinstalled filter with new orings. Serviced engine with 2 quarts of 2380 turbo oil.
- Removed engine fuel pump p/n 025323-101, s/n 6453 and installed overhauled p/n 386101-5, s/n 002477; see FAA Form 8130-3 from Action Aero wo# RO148734.
- Removed engine fuel control unit p/n 2524440.7.6 and installed overhauled p/n 2524440-8, s/n A74978; see FAA Form 8130-3 from International Governor Services wo# 2378408 attached.
- Inspected beta valve in accordance with SL #172 and rigging of beta valve. Repaired reversing linkage by installing new swivel joint and spring.
- Inspected and serviced aircraft batteries.
- Removed igniters, inspected, function checked and installed new igniters
- Installed new P3 filter p/n 3023073, see FAA Form 337 from Textron wo# 5683581 attached.
- Removed chip detector, inspected, function checked, and reinstalled.
- Inspected starter generator attachment and wiring.
- Removed airframe fuel filter, inspected, cleaned, and reinstalled.
- Complied with Air Tractor SL#361 on reinstallation of airframe fuel filter by replacing both sealing washers.
- Inspected air inlet and inspected inlet air filter condition.
- Inspected and lubed engine control linkage.
- Borescoped hot section, no defects noted at this time.
- Engine ground ran, leak checked, and approved for return to service.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100/300 HOUR INSPECTION AND IS IN AIRWORTHY CONDITION.

Joel A Nobles AP/IA 3606445

Joel A. Nobles

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR



MAKE: AIR TRACTOR INC	MODEL: AT-400A	S/N: 400A-0449
N3157B	ENGINE MODEL: PT6A-34	ENGINE S/N: PCE-57093
HOBBS: 2698.3	ENGINE TSOH: 9803.4	DATE: 03-19-2025

- Completed PWC PT6A-34 engine 100/300-hour inspection items in accordance with Pratt & Whitney PT6A-34 Maintenance Manual p/n 3021242 Revision 74 Dated 06/Jan/2025
- Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new gaskets and orings.
- Removed oil filter, cleaned, inspected, and installed new PMA oil filter p/n 7579522AM, see FAA Form 8130-3 attached.
- Inspected beta valve in accordance with SL #172 and rigging of beta valve. Installed new beta valve seals and washers.
- Installed new beta block and checked beta ring runout.
- Inspected and serviced aircraft batteries.
- Removed igniters, inspected, function checked and reinstalled igniters.
- Removed chip detector, inspected, function checked, and reinstalled.
- Inspected starter generator attachment and wiring.
- Removed airframe fuel filter, inspected, cleaned, and reinstalled.
- Complied with Air Tractor SL#361 on reinstallation of airframe fuel filter by replacing both sealing washers.
- Inspected air inlet and inspected inlet air filter condition.
- Inspected and lubed engine control linkage.
- Engine ground ran, leak checked, and approved for return to service.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100/300 INSPECTION AND IS IN AIRWORTHY CONDITION.

Joel A Nobles AP/IA 3606445

Joel A. Nobles

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Turn and Bank
Aviation

1214 N Cedar Rd. Deer Park WA 99006 509-475-5815

Date: 5/11/2025 Reg No: N3157B Make: Pratt & Whitney Model: PT6A-34
S/N: PCE-57093 TSMOH 9806.7 Cycles Hobbs 2701.6 Engine Entry

Engine visually inspected during annual inspection. No defects found.

AD notes checked using Veyron, no new applicable AD notes found. See AD report dated Jan.19,2023 at the back of this logbook.

This engine has been inspected during an ANNUAL inspection and is found airworthy at this time.

Tony Blum

A&P4148711 IA

DESCRIPTION OF WORK PERFORMED—
& CERTIFICATE NO. OF PERSON PERFORMING WORK

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Date: 4/19/2022 Engine Log Entry Reg: N3157B				
Engine Model No.: PT6A-34		Cycle Life PWC SB: 1002R29		
Eng SN: PCE-57093	TSOH: 9115.9			
Hobbs: 2010.9	TTAF: 10997.2			
Previous Rec.Date: 3/22/2021	Record Date: 4/19/2022	Hours Diff.: 366.9	Starts: 72	Flights: 342
Description of Work: Engine Annual inspection performed IAW 14 CFR Part 43 Appendix D and P&WC engine maintenance manual. Fuel nozzles and flow divider were exchanged from Tarheel Turbines for inspection and flow check. Installed nozzle assembly w/ new seals/gaskets PN: AL-FN-300. Operational and leak check is satisfactory. Serviced all engine fuel filters and reinstalled w/ new packings. Inspected oil filter w/ no defects noted and cleaned per MM instructions, reinstalling w/ new packings. Removed mag chip detectors on RGB, inspected, cleaned and reinstalled, no defects noted. Inspected compressor blades, cleaned and reinstalled screen. Inspected CT wheel, CT blades, CT stator, burner can, large and small exit ducts via borescope, no defects noted at this time. Inspected igniters, deemed serviceable and reinstalled. Cleaned beta ring and beta arm, cleaned and lubricated all engine control rod ends and reversing cam w/ Lubriplate 130A. Inspected all engine accessories and securing fasteners for visual defects or improper installation, no defects noted. Removed, cleaned and reinstalled FCU P3 filter. Found engine had excess oil in AGB, pulled oil filter housing and replaced all packings w/ new and reinstalled, servicing engine w/ 6qts Eastman 2380 oil. Performed engine rinse 3 times per PWC MM and performed engine post run, operational and leak check is satisfactory. All inspection items and servicing were completed IAW P&WC Maintenance Manual and the applicable Code of Federal Regulations (CFR).				
AD Statement: All engine ADs were verified to be current to this date within the engine logbook record. • AD2022-08-13 – Turbine Section. Found N/A; No parts (CT Vane) found to been previously repaired by Southwest Turbine Inc. (STI) Repair Spec STI 72-50-254.				
Certifying Statement: I certify that this engine has been inspected IAW the scope and detail of Annual Inspection (14 CFR Part 43 Appendix D) and determined the engine to be in airworthy Condition.				
Signature: <u>Elijah Nelles</u> <i>[Signature]</i> A&P IA#: 3655456				
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Date: 4/19/2022		Rotatable Life Limits		Reg: N3157B	
Engine Model No.: PT6A-34		Cycle Life PWC SB: 1002R29			
Eng SN: PCE-57093	TSOH: 9115.9				
Hobbs: 2010.9	TTAF: 10997.2				
Previous Rec.Date: 3/22/2021	Record Date: 4/19/2022	Hours Diff.: 366.9	Starts: 72	Flights: 342	
Part Name	PN	SN	Total Cycles	Remaining	
Hub, Compressor	3013111	19B947	14576	4424	
Disk, Compressor 2nd	3013712	A2118	10345	13655	
Disk, Compressor 3rd	3011713	13B952	12982	12018	
Impeller, Cent	3013176	7A172	16224	2776	
Disk, CT	3013411	50B449	15228	772	
Disk, PT	3022412	919656	19606	394	

Certifying Statement:

I certify the abbreviated engine cycles were calculated from the previous total starts and total flights given from the aircraft owner/operator. These numbers are considered to be accurate to the best of my knowledge.

Signature: Elijah Nelles *[Signature]***A&P IA#:** 3655456**AG AIR AIRCRAFT, INC.**
CORNING MUNICIPAL AIRPORT, CORNING AR

MAKE: AIR TRACTOR INC	MODEL: AT-400A	S/N: 400A-0449
N3157B	ENGINE MODEL: PT6A-34	ENGINE S/N: PCE-57093
HOBBS: 2331.8	AFTT: 11318.1	DATE: 01/19/2023

-Completed PWC PT6A-34 engine 100/300-hour inspection items:
-Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new gaskets and orings.
-Removed oil filter, cleaned, inspected, and reinstalled filter with new orings. Serviced engine with one quart of 2380 turbo oil.
-Removed engine fuel pump inlet filter screen, inspected, cleaned and reinstalled with new oring.
-Removed engine fuel pump outlet filter, inspected, and installed new filter and new orings.
-Inspected beta block condition and rigging of beta valve.
-Inspected and serviced aircraft batteries.
-Removed igniters, inspected, function checked and reinstalled.
-Removed chip detector, inspected, function checked, and reinstalled.
-Removed starter generator P/N 23048-023 S/N 98301 and completed installation of P/N 23048-006 S/N 11987 overhauled by S & T Aircraft: see FAA Form 8130-3 dated 19/JAN/2022 for details and RTS.
-Removed airframe fuel filter, inspected, cleaned, and reinstalled.
-Complied with Air Tractor SL#361 on reinstallation of airframe fuel filter by replacing both sealing washers.
-Inspected air inlet and inspected inlet air filter condition.
-Inspected and lubed engine control linkage.
-Engine ground ran, leak checked, and approved for return to service.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100/300 HOUR INSPECTION ITEMS AND REQUIREMENTS OF AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

[Signature]

Kevin Jackson 2802408 AP/IA

Engine Log
AT-400A
Pratt & Whitney
Date: May 1, 2023N3157B
PT6A-34
Hobbs: 2337.6S/N PCE-57093
TTSMO: 9442.6

Engine inspected visually during annual inspection. No defects found. AD search performed using FAA website. No new applicable AD notes found. AD report performed by Ag Air Aircraft, Inc. on 1/19/2023. See AD report at the back of this logbook.

Tony Blum A&P 4148711 IA

[Signature]

[illegible]

Life limited Parts Summary

DATE

Serial No- PCE 57093 Aircraft- N3157B
 Total Time- ~~10608.1~~ 31631.1 Side Installed- NA
 Time since OH- NA ~~8512.0~~ Acft Total Time-NA
 Cycles since OH- NA Hobbs- 1407.0

Description	Part Number	Serial Number	Total Cycles	Remaining Cycles
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Hub Assy	3013111	19B947	14235	4765
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Disc Comp Stage 2	3013712	A2118	10004	13996
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Disc Comp Stage 3	3011713	13B952	12641	12359
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Disc Comp Turbine	3013411	50B449	14997	1003
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Impeller	3013176	7A172	15883	3117
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PT Disk	3022412	919656	19360	640
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Time Since Hot Section Inspection: 0

Date 1/27/20

This Document Prepared by: Blackfin Aviation

Date 1/27/20



Engine

Date: 12/9/2019	Tach: 1407.0	TSOH: 8512.0	Reg: N3157B
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Description of Work:

Removed engine (PWC PT6A-34, SN: PCE-57093) and propeller (Hartzell HC-B3TN-3D, SN: BUA-33082) from airframe for engine to be sent for repair.

Signature: Elijah Nelles

A&P#: 3655456

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D/ 2-20-20
 PCE-57093 PT6A-34AG
 TT ~~10608.1~~
 31631.1

DRK

Disassembled as necessary to replace cycled out rotor components. Complied with Hot Section Inspection. Cleaned and flow checked fuel nozzles. Repaired and tested, T5 system functional check. Performed P&WC 100 hr inspection, replaced all filters, lubed linkages. Complied with AD 2014-11-05 by installing containment ring PN 3109595-01. Reassembled using all new gaskets and seals. All work performed in accordance with applicable Pratt & Whitney Canada Manuals and other data and methods acceptable to the administrator. Performance run and leak check required before acceptance.-----END--

Tarheel Turbines

W.O. TT1641

Cert.#3352081A

SW-2015



Engine

Date: 5/5/2020	Tach: 1407.0	AFTT: 10393.3	Reg: N3157B
TSOH: 8512.0	TSHSI: 0		

Description of Work:

Received engine (PWC PT6A-34, SN: PCE-57093) after repair/HSI from Tarheel Turbines. Rotable components installed with cycles remaining is provided by Tarheel Turbines entry. Installed engine onto airframe with serviceable engine mounts, installed baffling and all engine accessories. Installed new oil cooler and serviced the engine with 10qts BP- 2380. Installed propeller with new o-ring, cleaned beta arm and beta ring assembly and reinstalled. All engine control rodends were cleaned, lubricated with Lubriplate 130-A and reinstalled with new safeties. Engine controls rerigged; ground performance run was conducted, and deceleration check performed with all engine parameters found to be acceptable IAW applicable PT6A MM and SB's. Engine was inspected IAW annual inspection with performance and leak check is considered satisfactory.

I certify that this engine has been inspected IAW the scope and detail of Annual Inspection (14 CFR Part 43 Appendix D) and determined the engine to be in Airworthy Condition. All AD's were verified to be current to this date.

Performance Run Results:

OAT: 66F @ 1115 H	N1: 99%	Torque: 1700ft/lbs	RPM: 22.4	FF: Not Installed
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Signature: Elijah Nelles

A&P IA#: 3655456

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ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N3157B

Engine Manufacturer PWC

Model PT6A-34

Serial No. PCE-57093

Date installed on aircraft 5/5/2020

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear

START: 06-19-2001 ~~06-19-2001~~
END: 12/9/2019

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

N3157B

PT6A-34

PCE-57093

**ENGINE
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

ENGINE LOG

Prat & Whitney **PT6A-34** **S/N PCE-57093**
Date 03-10-2019 **Hobbs 1150.1** **TSHSI 1668.6** **TTSMO 8255.1** **ENGINE TT 31137.2**
 Removed, cleaned, and reinstalled oil filter. Installed new seals and springs in oil filter housing and check valve. Drained oil and serviced with BP2380 oil. Removed, cleaned, and reinstalled fuel filter. Removed, inspected ignitors and reinstalled with new gaskets. Installed serviceable 3031417CL19 trim stick. Ran engine and checked for leaks and all temps within limits.
 Signed *[Signature]* **Danny Van Donselaar A/P2769760I/A**

ENGINE LOG

Prat & Whitney **PT6A-34** **S/N PCE-57093**
Date 03-10-2019 **Hobbs 1150.1** **TSHSI 1668.6** **TTSMO 8255.1** **ENGINE TT 31137.1**
 certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition.
 Signed *[Signature]* **Danny Van Donselaar A/P2769760I/A**



FAA Approved Repair Station No. CP2R750K EASA Approved
 Pratt & Whitney Canada Designated Overhaul Facility
 201 E Airport Rd. Okmulgee, Ok. 74447 Ph: 918-756-7862 Fax: 918-756-3424

Date: May 9, 2019	Tach/Hobbs: 1150.1 1160.81	Engine Model: PT6A-34	Engine S/N: PCE-57093	Acft. Reg. No: N3157B
Eng. Total Time: 31147.91	TSOH: 8265.81 TSHSI: 1679.31	Eng Total Cycles: Ref SB 1002R29	Starts since last visit: 49 Flights since last visit: 325	Acft. Mod/Ser No: AT-400A/0449

Received plane to troubleshoot low oil pressure at idle, ITT not indicating and rigging issues. Performed incoming performance run. Removed cowlings noticed ITT harness at the engine did not have correct hardware, cromel terminal end was missing. Replaced cromel terminal end and hardware. Split engine at C flange, replaced 2 thermocouples with 2 overhauled thermocouples, Bus bar P/N 3027629 S/N 9T726 with overhaul busbar P/N 3027629 S/N HR19950. Performed heat response, checked for loop resistance, checked for short checked good. Checked trim; stick checked good. Reinstalled power section. Adjusted rigging. Removed and replaced oil filter with new filter, performed leak check, test ran engine with results satisfactory. Notified wrong torque gage. All work performed IAW PWC manual EMM or other data acceptable to the administrator.
 Customer was notified that impeller P/N 3013176 S/N 6A826 only has 41 cycles remaining.

MAINTENANCE RELEASE: This certifies that the work specified above was carried out in accordance with Federal Aviation Regulations and current manufacturer's specifications. In respect to the work performed, the engine/component is approved for return to service. Pertinent details of the repair are on file at this repair station under **Work Order No: 222132**
 Authorized Signature: *[Signature]* Date: May 9, 2019 COVT056 (Rev0 06-99)

End of this logbook this day 12/9/2019.

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Customer: KNOXVILLE AVIATION
 Work Order: 222132

Current Hobbs: N/A
 Total Engine Times and Cycles as of: 7-May-19
 Engine Total Time: 31147.9
 Starts: 49
 Flights: 325

Aircraft Model: N/A
 R/N: N/A
 S/N: N/A
 Engine Model: PT6A-34
 S/N: PCE-57093

TSO: UNK


FAA CRS# CP2R750K EASA Listed Pratt & Whitney Canada Designated Overhaul Facility								
Component	Abb Cycle Factor	Flt Count Factor	Total Cycles For Period	Previous Cycles	Total Cycles	Cycle Life Limits	Cycles Remaining	Component Time
Hub, Compressor	2	1	187	18523	18710	19000	290	UNK
P/N 3013111								
S/N 2A136								
Disk, Comp 2nd	2	1	187	22827	23014	24000	986	UNK
P/N 3013712								
S/N A7398								
Disk, Comp 3rd	2	1	187	24375	24562	25000	438	UNK
P/N 3011713								
S/N 89A624								
Impeller, Cent.	2	1	187	18772	18959	19000	41	UNK
P/N 3013176								
S/N 6A826								
Disk, C.T.	4	1	118	15601	15719	16000	281	UNK
P/N 3013411								
S/N A7282								
Disk, P.T.	3.5	1	128	18947	19075	20000	925	UNK
P/N 3022412								
S/N 919656								
Blade, C.T.								
P/N UNK								

PREPARED BY: ER

Cycles calculated in accordance with P&WC S.B. 1002R29

CYCLES PROVIDED BY CUSTOMER. GG MODULE NOT RECEIVED.

	Feb-18	May-18			
Starts	43	49			
Flights	203	325			



Customer: WOODLEY AERIAL
Work Order:

Aircraft Model: AT-400A
R/N: N3157B
S/N:
Engine Model: PT6A-34
S/N: PCE-57093

Current Hobbs: 532.7
Total Engine Times and Cycles as of: 16-Mar-16
Engine Total Time: 30,519.80
Starts 2014: 80
Flights 2014: 388

Component	Abb Cycle Factor	Fit Count Factor	Total Cycles For Period	Previous Cycles	Total Cycles	Cycle Life Limits	Cycles Remaining	Component Time
Hub, Compressor	2	1	234	18166	18400	19000	600	N/A
P/N 3013111								
S/N								
Disk, Comp 2nd	2	1	234	22470	22704	24000	1296	N/A
P/N 3013712								
S/N								
Disk, Comp 3rd	2	1	234	24018	24252	25000	748	N/A
P/N 3011713								
S/N								
Impeller, Cent.	2	1	234	18415	18649	19000	351	N/A
P/N 3013176								
S/N								
Disk, C.T.	4	1	157	15361	15518	16000	482	N/A
P/N 3013411								
S/N								
Disk, P.T.	3.5	1	168	18604	18772	20000	1228	N/A
P/N 3022412								
S/N 9A9356								
Blade, C.T.								N/A
P/N UNK								

Cycles calculated in accordance with P&WC S.B. 1002R29

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		N3157B		Date: 11/20/2013
		Engine: P&W	M/N: PT6A-34	S/N: PCE-57093
		Hobbs: 0144.4	TSO: 7,249.4	TSHSI: 662.9
		C/W 100/300 Hour Inspection.		
		Prime Turbines cleaned and flow checked fuel nozzles.		
		Cleaned main oil strainer. No metal found.		
		Removed main fuel inlet screen, cleaned & reinstalled.		
		Replaced main fuel outlet filter.		
		Cleaned firewall filter.		
		Checked igniters.		
		Checked chip detector and screen. No metal found.		
		Cleaned beta valve.		
		Checked beta block.		
		I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition. <i>Michael A. Sullivan</i> 357826382-FA		



Customer: WOODLEY AERIAL
Work Order:

Current Hobbs: 144.4
Total Engine Times and Cycles as of: 20-Nov-13
Engine Total Time: 30131.5
Starts 2013: 37
Flights 2013: 145

Aircraft Model: **N3157B**
R/N: ~~N228YK~~
S/N:
Engine Model: PT6A-34
S/N: PCE-57093

S/N: PCE-57093

Component	Abb Cycle Factor	Flt Count Factor	Total Cycles For Period	Previous Cycles	Total Cycles	Cycle Life Limits	Cycles Remaining	Component Time
Hub, Compressor	2	1	91	18075	18166	19000	834	N/A
P/N 3013111								
S/N								
Disk, Comp 2nd	2	1	91	22379	22470	24000	1530	N/A
P/N 3013712								
S/N								
Disk, Comp 3rd	2	1	91	23927	24018	25000	982	N/A
P/N 3011713								
S/N								
Impeller, Cent.	2	1	91	18324	18415	19000	585	N/A
P/N 3013176								
S/N								
Disk, C.T.	4	1	64	15297	15361	16000	639	N/A
P/N 3013411								
S/N								
Disk, P.T.	3.5	1	68	18536	18604	20000	1396	N/A
P/N 3022412								
S/N 9A9356								
Blade, C.T.								N/A
P/N UNK								

Cycles calculated in accordance with P&WC S.B. 1002R25

Cycles calculated in accordance with P&WC S.B. 1002R25

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date 6/1/2012 Aircraft: N228YK LH: PCE 57093
Hobbs: 4861.6 Eng TT: 29,851.2 TSOH: 6969.1 TSHSI: 382.7

Preformed EMMA #48 I.A.W. PSM 1-6-7. Replaced Fuel Control P/N 2524440-7-6, S/N A59708. Replaced Fuel Pump P/N 025323-101-03, S/N 14016. Ground run, leak checked and flight tested OK and has been determined to be in an airworthy condition and is approved for return to service.

SVEIN T. TVEITNES
A & P 2455418 IA

Svein T. Tveitnes

Date 6/6/2012 Aircraft: N228YK LH: PCE 57093
Hobbs: 4875.9 Eng TT: 29,865.5 TSOH: 6983.4 TSHSI: 397.0

Replaced Prop Governor P/N 8210-004-01 REV NEW, S/N 13415548. Rigged controls, ground run, leak checked and flight tested OK. This engine has been determined to be in airworthy condition and is approved for return to service.

SVEIN T. TVEITNES
A & P 2455418 IA

Svein T. Tveitnes

Date 7/12/2012 Aircraft: N228YK LH: PCE 57093
Hobbs: 4925.8 Eng TT: 29,915.4 TSOH: 7033.3 TSHSI: 446.9

Replaced Fuel Nozzles P/N 3106347-01 (10ea), P/N 3106346-01 (3ea) and 3014703 (1ea). Preformed Compressor wash. Ground run, Leak checked and flight tested OK and has been determined to be in an airworthy condition and is approved for return to service.

SVEIN T. TVEITNES
A & P 2455418 IA

Svein T. Tveitnes

Date 8/16/2012 Aircraft: N228YK LH: PCE 57093
Hobbs: 4986.1 Eng TT: 29,975.7 TSOH: 7093.6 TSHSI: 507.1

Preformed Emma #1 Flying Hours X 125 Card #36 and #37 I.A.W. PSM 1-6-7. Replaced output fuel filter AN6235-31 and checked and cleaned input fuel filter. Checked Chip Detector OK. Checked and cleaned Oil Filter. Ground run, Leak checked OK and has been determined to be in an airworthy condition and is approved for return to service.

SVEIN T. TVEITNES
A & P 2455418 IA

Svein T. Tveitnes

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Date 8/25/2012
Hobbs: 4997.5

Aircraft: N228YK LH: PCE 57093
Eng TT: 29,987.1 TSOH: 7105.0 TSHSI: 518.5

Removed Left Hand Engine from Aircraft DHC-6, N228YK. The following Cycle Times are Remaining:

1st Stage Hub 925
2nd Stage Disk 1621
3rd Stage Disk 1073
Impeller 676
CT Disk 703
PT Disk 1464

SVEIN T. TVEITNES
A & P 2455418 IA

Svein T. Tveitnes

N3157B Date: 07/15/2013
Engine: P&W M/N: PT6A-34 S/N: PCE-57093
Hobbs: 0000.0 TSOH: 7105.0 TSHSI: 518.5

Installed this engine on N3157B.
C/W 100/300 Hour Inspection.
Tennessee Turbines cleaned and flow checked fuel nozzles.
Cleaned main oil strainer. No metal found.
Removed main fuel inlet screen, cleaned & reinstalled.
Replaced main fuel outlet filter.
Cleaned firewall filter.
Checked igniters.
Checked chip detector and screen. No metal found.
Cleaned beta valve.
Checked beta block.

I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Michael A. Sullivan
389826382 IA

N3157B Date: 07/29/2013
Engine: Pratt & Whitney M/N: PT6A-34 S/N: PCE-57093
Hobbs: 0100.0 TSO: 7,205.0 TSHSI: 618.5

CW 100Hour Inspection.
Cleaned main oil strainer. No metal noted.
Removed main fuel inlet screen, cleaned & reinstalled.
Replaced main fuel outlet filter.
Cleaned firewall filter.
Checked igniters.
Checked chip detector and screen. No metal noted.

Michael A. Sullivan
389826382 IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

Airforce Turbine Service P.O. Box 146 Tynan, TX 78391 www.airforceturbines.com		Certified Repair Station	
		TQZR133K	
		Phone	(361) 547-3386
		Fax	(361) 547-7273

	Work Performed						
	<ul style="list-style-type: none"> • Hot Section Inspection • Clean and flow nozzles 						Parts List Attached

<p>Remarks: No new service bulletins incorporated this shop visit. Installed overhauled CT Vane Ring and new segments.</p>	
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All work carried out I.A.W. P&WC

Maintenance Manual	P/N	3021242	Rev.	49
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Authorized Signature

Augustine Lara, Chief Inspector

ATS Form# LE001

Date _____

6/30/2011

Date 3/1/2012 Aircraft: N228YK LH: PCE 57093
Hobbs: 4742.3 Eng TT: 29.731.9 TSOH: 6849.8 TSHSI: 263.4

Date 3/1/2010

Aircraft: N228YK

LH: PCE 57093

Hobbs: 4742.3

Eng TT: 29,731.9

TSOH: 6849.8

TSHSI: 263.4

Preformed EMMA #47 I.A.W. PSM 1-6-7. Ground run, leak checked OK and has been determined to be in an airworthy condition and is approved for return to service.

I CERTIFY THAT THIS ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH A
EMMA #47 INSPECTION AND WAS DE-
TERMINED TO BE IN AIRWORTHY CONDITION.

SVEIN T. TVEITNES
A & P 2455418 1A

Sweet Treasures

Date: 4-4-2012

Aircraft: N228YK

LH Eng: PCE57093

Hobbs: 4788.9

Removed Starter-Generator, Cleaned Starter-Generator replaced Brushes with 4sets P/N M30010-1026, greased spline and reinstalled Starter-Generator, ground run ops OK.
Return to service.

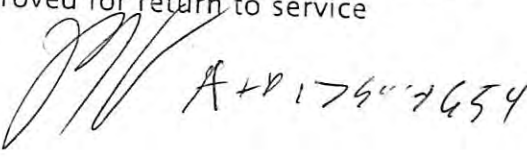
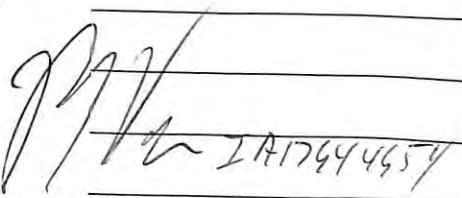
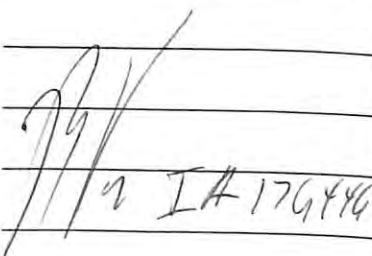
SVEIN T. TVEITNES
A & P 2455418

Ernest T. Weir


SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				N228yk 06/23/2009 hobbs 3681 preformed inspection #37 iaw emma progressive care program. leak check ok i certify this engine to be in an airworthy condition and is aproved for return to sevice <i>[Signature]</i> ATR 17944554
				N228yk 8/18/2009 hobbs 3800 preformed inspection #38 iaw emma progressive care program. leak check ok i certify this engine to be in an airworthy condition and is aproved for return to sevice <i>[Signature]</i> ATR 17944554
				N228YK 11/04/2009 hobbs 3918 preformed inspection #39 IAW Emma progressive care program leak check ok. i certify this aircraft/engine is in an airworthy condition and is aproved for return to service <i>[Signature]</i> ATR 17944554
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				N228YK 05/14/2010 hobbs 4033 preformed inspection #40 IAW Emma progressive care program leak check ok. i certify this aircraft/engine is in an airworthy condition and is aproved for return to service 
				N228YK 07-20-2010 hobbs 4154 preformedinspection #41 IAW emma progressive care program. leak check ok. comp C/W AD89-24-06r1, AD87-04-23 and AD 94-08-10 i certify this engine to be in an airworthy condition and is aproved for return to sevice 
				N228YK 09-09-2010 hobbs 4272 preformed inspection #42 IAW emma progressive care program. leak check ok. comp C/W AD89-24-06r1, i certify this aircraft/engine to be in an airworthy condition and is aproved for return to sevice 
				SUB-TOTALS this page
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5-13-08	28247.2	5415.1	3307.6	Performed EMMA #34 and 125 hr. operational checks I certify that this engine has been Inspected I/A/W an EMMA #34 and was determined to be in an Airworthy Condition <i>[Signature]</i> AIP 2771700-1A
8/10/08	28414.4	5532.8	3425.3	Performed EMMA #35 and 125 & 250 hr insp. I certify that this engine has been Inspected I/A/W EMMA #35 and was determined to be in an Airworthy Condition <i>[Signature]</i> AIP 2771700-1A
				n228yk 3/17/2009 hobbs 3552 preformed inspection #36 iaw emma progressive care program. leak check ok. i certify this aircraft/engine is in an airworthy condition and is approved for return to service <i>[Signature]</i> AIP 17644954
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
<div><div><div><div><div>National</div><div>Aerotech</div></div></div><div>FAA Approved Repair Station #CA6R517N</div><div>Maintenance Discrepancy and Corrective Action</div><div>Aircraft: N228YK Date: 04/16/09 Aircraft TT: 37,489 Aircraft TC: 51,940 Lt. Engine TSN: Unknown CSN: Unknown TSO: Unknown CSO: Unknown</div><div><div><div>1. EMMA INSPECTION # 36 C/W I.A.W DHC-6 EMMA INSPECTION WORK CARDS.</div><div>2. EMMA FUNCTION 125 - 3000 FLIGHT HOUR CARDS C/W I.A.W DHC-6 EMMA FUNCTION CARDS.</div><div>3. LT. ENGINE POWER SECTION REMOVED FOR HSI. FOUND CT. BLADES, STATOR AND TWO DEFUSER TUBES DAMAGED. REPAIRED DAMAGED DEFUSER TUBES I.A.W PRATT & WHITNEY MAINT MANUAL CHAPTER 72-00-00. HOT SECTION WAS SENT TO EOS FOR REPAIRS. SEE EOS WORK ORDER #8161392 FOR DETAILS. RE-INSTALLED HOT SECTION AND POWER SECTION I.A.W PRATT & WHITNEY MAIN. MANUAL CHAPTER 72-00-00.</div><div>4. REMOVED AND REPLACED (3) THERMOCOUPLES P/N 3022983 AND GASKETS P/N 3010671 ON LT. ENGINE I.A.W PRATT & WHITNEY MAINT. MAN. CHAPTER 77-22-41. TEMP. MEASUREMENT CARRIED OUT SATISFACTORY AS THIS TIME.</div><div>5. LT. ENGINE FUEL NOZZLE FLOW CHECK C/W I.A.W PRATT & WHITNEY MAINT. MAN. CHAPTER 73-12-45.</div><div>6. REMOVED AND RE-INSTALLED LT. ENGINE FUEL NOZZLES I.A.W PRATT & WHITNEY MAINT. MAN. CHAPTER 73-10-00.</div><div>7. SERVICED LT. ENGINE WITH OIL 4 QTS. I.A.W DHC-6 MAINT. MAN. CHAPTER 79-00-00.</div><div>8. C/W LT. ENGINE COMPRESSOR WASH.</div></div><div>I certify that this Lt. Engine has been inspected/ repaired and the work specified above was carried out I.A.W Pratt & Whitney Maintenance Manual and FAA Airworthiness Regulations and in respect to the work performed this engine is approve for return to service.</div><div>SIGNED: <i>[Signature]</i> DATE: 04/16/09 W.O. # 902</div></div></div></div>				
4/16/09		PCE 57063		
	TSO 5674.8		TSN 28558.9	<i>[Signature]</i> 17644954
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

[illegible]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7-9-07	28051.2	5169.1	3061.6	Performed EMMA #32 and 125, 250, & 500 hr checks. Checks performed compressor wash.
				I certify that this engine has been inspected I/A/w EMMA #32 and has been determined to be in an Airworthy condition
				M. H. [Signature] AWP 2771700IA
9-11-07	28174.2	5292.1	3184.6	Performed EMMA #33 and 125 hr. Checks.
				I certify that this engine has been inspected I/A/w EMMA #33 and is determined to be in an Airworthy condition
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

MANUFACTURER Pratt & Whitney	UNIT NAME Engine	TYPE/MODEL P16-34	SERIAL NUMBER PCE-57093
TOTAL TIME 26311.5 27611.9	TIME SINCE OVERHAUL 4729.8	TOTAL CYCLES	CYCLES SINCE OVERHAUL

THE ABOVE ITEM IDENTIFIED RECEIVED

ANNUAL INSPECTION OR 100 HOUR INSPECTION ☐REPAIR OHC ☐

HOT SECTION INSPECTION ✓

REPAIRED ENGINE DUE TO PROP STRIKE. SEE NEXT PAGE FOR LLC CURRENT CYCLES. REPLACED #6 BEARING, NEW PT SEALS, SEAL RUNNER, PT BAFFLE, NEW INSULATION AND STRAINERS. REPLACED 2ND, 3RD, AND IMPELLER.. COMPLIED WITH HSI, INSTALLED NEW CT AIR SEALS, IGNITERS, CLEANED AND FLOW CHECKED FUEL NOZZLES, REPLACED 2 TIPS. INSTALLED THE FOLLOWING OH ACCESSORIES: FCU 2524440-7-6, S/N A85223, FUEL PUMP P/N 025323-101-02, S/N R644, PROP GOV P/N 8210-004U. ENGINE TESTED AND ACCEPTED. ALL WORK ACCOMPLISHED IAW PRATT & WHITNEY OVERHAUL MANUAL P/N 3021243 AND IS APPORVED TO RETURN TO SERVICE IAW PART 43.17 OF THE FAA REGULATIONS.

W/O 4203 8-28-05

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 THIS REPAIR STATION UNDER WORK ORDER No. 74203 DATE 8-28-05 SIGNATURE [Signature]

FAX No. 812-877-4604

CRS UTBR513L



Phone 812-877-2587

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

LIFE LIMITED COMPONENT STATUS AS OF 8-28-05 IAW P&WC SB 1002

COMP	P/N	S/N	TC	CR
HUB	3013111	2A136	13141	5859
2 ND STG	3013712	A7398	17445	6555
3 rd STG	3011713	89A624	18993	6007
IMP	3013176	6A826	13390	5610
CT	3013411	A7282	11887	4113
PT	3022412	9A9356	14956	5044

SIGNED Ray A. Hall DATED 0-20-03

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TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Barrett Aircraft Maintenance, Inc.

PO BOX 8

Muenster, Texas 76252

(940) 727-2454

A/C: 228YK

LH Engine

HOBBS:2622.3

Date: 11-14-05

Installed this engine on DHC-6-200, N228YK Serial # 228. Performed ground run and rig check. Serviced with 10qts BP-2380. Runup and ops check good.

Thomas B. Barrett
A&P 462497446 IA

[illegible]

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[illegible]

Fayard Enterprises, Inc.
Maintenance Discrepancy Sheet

Aircraft: N3434	Date: 07/01/03	Aircraft TT: 32517.3
Right Engine	S/N PCE-57093 G/G	25782.0 TTE
Right Engine	S/N PCE-56763 P/S	29081.0 TTE

1. CW EMMA 6 inspection.
2. CW 125 & 250 hour functions.
3. CW SP2 card item J3.
4. CW 12 Month inspection.
5. CW 125 HOUR CT check.
6. CW 1 YR weight check of both engine fire extinguishers.
7. CW compressor wash of both engines.
8. Replaced wire on R/H chip detector.

Signature Robert A Williams
Robert A Williams A&P 1816322 IA

AIRCRAFT: N3434	TTA: 32517.3
ENGINE M/N: PT6A-34	TCA: 58794
S/N: PCE-57093 G/G	TACH: N/A
TTE: 25782.0	TCE: 41714
SOH: 4200.0	TCSOH: 7389
THSI: 746.0 143.3	TCHSI: 1163

I certify that this **ENGINE** has been inspected I/A/W a DeHavilland DHC-6 Inspection Program **EMMA # (6)** Inspection and is approved for return to service.

SIGNED: Robert A. Williams DATE: 07/01/03
LICENSE #: A&P 1816322

உதாரணமாக 19.5

AIRCRAFT: N3434	TTA: 32517.3
ENGINE M/N: PT6A-34	TCA: 58794
S/N: PCE-56763 P/S	TACH: N/A
TTE: 29081.0	TCE: 46821
SOH: 4200.0	TCSOH: 7389
THSI: N/A	TCHSI: N/A

I certify that this **ENGINE** has been inspected I/A/W DeHavilland DHC-6 Inspection Program **EMMA # (6)** inspection and is approved for return to service.

SIGNED: Robert A. Williams DATE: 07/01/03
LICENSE #: A&P 1816322

Fayard Enterprises, Inc.
Louisburg N.C.

[illegible]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
Fayard Enterprises, Inc. Maintenance Discrepancy Sheet Aircraft: N3434 Date: 08/09/02 Aircraft TT: 32254.5 Right Engine S/N PCE-57093 G/G 25519.2 TTE Right Engine S/N PCE-56763 P/S 28818.2 TTE 1. CW EMMA 4 inspection. 2. CW 125 hour functions. 3. CW 250 hour functions. 4. CW 500 hour functions. 5. CW SP2 card items A1 and J3. 6. CW 125 HOUR CTs. 7. CW compressor wash of both engines. 8. Replaced right engine carbon blocks. Signature <u>Robert A Williams</u> Robert A Williams A&P 1816322 IA AIRCRAFT: N3434 TTA: 32254.5 ENGINE M/N: PT6A-34 TCA: 58045 S/N: PCE-57093 G/G TACH: N/A TTE: 25519.2 TCE: 41315 SOH: 3937.2 TCSOH: 6990 THSI: 483.2 TCHSI: 764 I certify that this ENGINE has been inspected I/A/W a DeHavilland DHC-6 Inspection Program EMMA # (4) inspection and is approved for return to service. SIGNED: Robert A. Williams DATE: 08/09/02 LICENSE #: A&P 1816322 Fayard Enterprises Inc. Louisburg N.C. AIRCRAFT: N3434 TTA: 32254.5 ENGINE M/N: PT6A-34 TCA: 58045 S/N: PCE-56763 P/S TACH: N/A TTE: 28818.2 TCE: 46422 SOH: 3937.2 TCSOH: 6990 THSI: N/A TCHSI: N/A I certify that this ENGINE has been inspected I/A/W DeHavilland DHC-6 Inspection Program EMMA # (4) inspection and is approved for return to service. SIGNED: Robert A. Williams DATE: 08/09/02 LICENSE #: A&P 1816322 Fayard Enterprises Inc. Louisburg N.C.				
SUB-TOTALS this page				
TOTALS—Carry forward to next page				

MANUFACTURER	UNIT NAME	TYPE/MODEL	SERIAL NUMBER
Pratt & Whitney	Engine	PT6-34	PCE-57093
TOTAL TIME	TIME SINCE OVERHAUL	TOTAL CYCLES	CYCLES SINCE OVERHAUL
14687.4	1978	17016	2698
THE ABOVE ITEM IDENTIFIED RECEIVED ANNUAL INSPECTION OR 100 HOUR INSPECTION <input type="checkbox"/> REPAIR <input checked="" type="checkbox"/> OHC <input type="checkbox"/> HOT SECTION INSPECTION <input type="checkbox"/>			
REMOVED RT ENGINE FROM N3434. DISASSEMBLED ENGINE PER CUSTOMER REQUEST. REMOVED TIME EXPIRED 1ST STAGE COMPRESSOR HUB AND IMPELLER (LIFE LIMITED COMPONENT STATUS FOLLOWS) COMPLIED WITH HSI. INSTALLED OH CT VANE CL 5.96 AND NEW SEGMENTS. EXCHANGED SM EXIT DUCT. NEW IGNITERS AND NEW OIL FILTER. CLEANED AND FLOW CHECKED FUEL NOZZLES, REPLACED 3 NOZZLE TIPS. INSTALLED OH BLEED VALVE P/N 3100829-03, S/N A6889. TRIM INSTALLED 3031417CL20. THIS ENGINE HAS BEEN REPAIRED AND TESTED IN ACCORDANCE WITH MANUFACTURES SPECIFICATIONS AND REQUIREMENTS. PERTINENT DETAILS OF THIS REPAIR ARE FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER W/O T3758 12-06-02. INSTALLED ENGINE IN RT POSITION. ENIGE RUN, RIGGED AND LEAK CHECKED. R/R STARTER GENERATOR 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 THIS REPAIR STATION UNDER WORK ORDER No. <u>13758</u> DATE <u>12-6-02</u> SIGNATURE <u>Ray A Q</u> FOR:			
FAX No. 812-877-4604		TURBINES INC. 7303 Maynard Wheeler Lane, Terre Haute International Airport, Hulman Field Terre Haute, IN 47803	
CRS UTBR513L		Phone 812-877-2587	

Pratt & Whitney	Engine	PT6-34	PCE-57093		
LIFE LIMITED COMPONENTS INSTALLED AT THIS REPAIR.					
<u>PART</u>	<u>P/N</u>	<u>S/N</u>	<u>TOTAL CYCLES</u>	<u>CYCLES REM.</u>	
REAR HUB	3013111	2A136	11347	7653	
DISK 2ND STG	3013712	28A013	19888	4112	
DISK 3RD STG	3011713	29A427	19888	5112	
IMPELLER	3013176	2A719	13441	5559	
CT DISK	3013411	24A640	13873	2127	
		<u>ENGINE TEST DATA</u>			
OIL TYPE - EXXON 2380		FUEL TYPE - JETA II			
<u>RATING</u>	<u>SHP</u>	<u>Ng%</u>	<u>T5 f DEGREES</u>	<u>SFC DATA PLATE SPD</u>	<u>TRIM CLASS</u>
TAKE OFF	750	36514	1699	.577 35500 94.66	3031417CL20
VANE CLASS AVERAGE		CT: 5.96			
<u>AD COMPLIANCE AT THIS REPAIR</u>					
<u>AD</u>	<u>DATE</u>	<u>METHOD OF COMPLIANCE</u>			
83-08-01	12-06-02	INSTALLED NEW PROP BOLTS			
97-04-12	12-06-02	INSTALLED OH BLEED VALVE			
2002-23-13	12-06-02	ACCOMPLISHED P&WC SB 1610R2			
SIGNED <u>Ray A Q</u>		DATE <u>12-06-02</u>			

Aircraft	Date	Aircraft TT
N3434	12/06/02	32347.0
Left Engine PCE-56922 G/G	Left Engine PCE-56922 P/S	
Right Engine PCE-57093 G/S	Right Engine PCE-56763 P/S	
CW AD 2002-23-13 on both engines IAW PARAGRAPHS 3B-3E of P&W SB PT6A-72-1610, REV. 2 DATED OCTOBER 1, 2002.		
ie aircraft, engines, props, or components identified above are hereby approved for return to service as per the work rformed.		
gnature <u>Kevin McCole</u>	A&P 104581698	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				<p align="center">Fayard Enterprises, Inc. Maintenance Discrepancy Sheet</p> <p>Aircraft: N3434 Date: 02/13/02 Aircraft TT: 32022.5 Right Engine S/N PCE-57093 G/G 25287.2 TTE Right Engine S/N PCE-56763 P/S 28586.2 TTE</p> <ol style="list-style-type: none"> CW EMMA 2 inspection. CW 125 hour functions. CW 250 hour functions. CW SP2 card item A1. CW 125 HOUR CTs CW AD 69-05-01R2IAW SB 6/180 & AD. CW AD 89-24-06 R1 IAW AD. CW AD 83-08-01 IAW AD retorquer only of both props. Replaced #2 boost pump pressure switch. Replaced V-Band clamp on R/H starter generator. Installed new brushes on R/H starter generator. <p>Signature: <u>Paul Fayard</u> Paul Fayard A&P 278388028 IA</p>
				<p>AIRCRAFT: N3434 TTA: 32022.5 ENGINE M/N: PT6A-34 TCA: 57390 S/N: PCE-56763 P/S TACH: N/A TTE: 28586.2 TCE: 46037 SOH: 3705.2 TCSOH: 6605 THSI: N/A TCHSI: N/A</p> <p>I certify that this ENGINE has been inspected I/A/W DeHavilland DHC-6 Inspection Program EMMA # (2) inspection and is approved for return to service. SIGNED: Robert A. Williams DATE: 02/13/02 LICENSE #: A&P 1816322</p> <p align="center">Fayard Enterprises Inc. Louisburg N.C.</p>
				<p>AIRCRAFT: N3434 TTA: 32022.5 ENGINE M/N: PT6A-34 TCA: 57390 S/N: PCE-57093 G/G TACH: N/A TTE: 25287.2 TCE: 40930 SOH: 3705.2 TCSOH: 6605 THSI: 251.2 TCHSI: 379</p> <p>I certify that this ENGINE has been inspected I/A/W a DeHavilland DHC-6 Inspection Program EMMA # (2) inspection and is approved for return to service. SIGNED: Robert A. Williams DATE: 02/13/02 LICENSE #: A&P 1816322</p> <p align="center">Fayard Enterprises Inc. Louisburg N.C.</p>
				<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>

[illegible]

FAYARD ENTERPRISES, INC.

P.O. BOX 703
LOUISBURG N.C. 27549
919-496-2224 PH
919-496-7000 FAX

06/27/01

N3434

TTA 31771.3

TCA 56692

RIGHT ENGINE

PCE-57093 G/G PCE-56763 P/S
TTE: 25036.0 TTE: 28335.0
TCE: 40551 TCE: 45658
SOH: 3454.0 SOH: 3454.0
CSOH: 6226 CSOH: 6226
SHSI: 0.0
CSHSI: 0

1. REMOVED PT6A-20 ENGINES S/Ns PCE-22286 & PCE-22300. REMOVED PROPELLERS HC-B3TN-3B. INSTALLED PT6A-34 ENGINES WITH HARTZELL HC-B3TN-3D(Y)/T10282N(B) PROPELLERS (McCAULEY 4HFR34C764/94LMB-0 PROPELLERS MAY ALSO BE USED) IAW STC SA01-76 AND IAW AMTECH AERONAUTICAL LIMITED ENGINEERING ORDER EO323101, REVISION 1, DATED JUNE 4, 2001, OR LATER TRANSPORT CANADA APPROVED REVISION. OPERATION IS IAW AMTECH AERONAUTICAL LIMITED AIRPLANE FLIGHT MANUAL SUPPLEMENT (AFMS) FMS323101, REVISION 2, DATED JUNE 25, 2001, OR LATER TRANSPORT CANADA APPROVED REVISION AND IS INSTALLED IN THE AIRCRAFT FLIGHT MANUAL. AMTECH AERONAUTICAL LIMITED MAINTENANCE MANUAL SUPPLEMENT MMS323101, REVISION 1, DATED MAY 30, 2001 OR LATER REVISION IS REQUIRED.

2. INSTALLED RT ENGINE PT6A-34 S/N PCE 57093 G/G & PCE-56763 P/S. ENGINE WAS BUILT UP AND INSTALLED IAW STC SA01-76.

PAUL FAYARD
A&P 278388028 IA

Fayard Enterprises, Inc.**Maintenance Discrepancy Sheet**

Engine: PCE-57093 G/G Date: 06/19/01 Engine TT: 25036.0

1. CW hot section inspection on engine.
2. Installed O/H T-5 harness.
3. Installed O/H trim stick.
4. Installed O/H thermocouples (5).
5. Installed O/H fuel nozzles.
6. Installed O/H fire extinguisher P/N/ 601-004 S/N S846 with new squib.

Signature

Robert A. Williams A&P 1816322

AIRCRAFT: N3434
ENGINE M/N: PT6A-34
S/N: PCE-57093 G/G
TTE: 25036.0
SOH: 3454.0
THSI: 0

TTA: 31771.3
TCA: 56692
TACH: N/A
TCE: 40551
TCSOH: 6226
TCHSI: 0

I certify that this ENGINE has been inspected I/A/W a DeHavilland DHC-6 Inspection Program EMMA # (48) inspection and is approved for return to service.

SIGNED: Robert A. Williams

DATE: 06/27/01

LICENSE #: A&P 1816322

Fayard Enterprises Inc.
Louisburg N.C.

ID—
DRMING WORK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				

11 July 2001
ACTT: 31,810.5

N3434 DHC-6-200 sn 193
Landings: 56,797

RH Engine - Installed Overhauled starter generator s/n 3460. Ran engine, checked OK

Edward H. Hillman A&P 289423354

RH ENG
MAINTENANCE RELEASE
The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.
Pertinent details of the repairs are on file at this repair station under shop order # 2243
Dated 11 Jul 01
Inspected by
for Mid-Ohio Aviation, Inc. CRS# MOGR282S
NOTE: Inspection stamp/initials will not be used on the maintenance release.

Fayard Enterprises, Inc.**Maintenance Discrepancy Sheet**

Engine: PCE-56763 P/S Date: 06/19/01 Engine TT: 28335.0

1. CW hot section inspection on engine.
2. Installed O/H T-5 harness.
3. Installed O/H trim stick.
4. Installed O/H thermocouples (5).
5. Installed O/H fuel nozzles.
6. Installed O/H fire extinguisher P/N/ 601-004 S/N S846 with new squib.

Signature

Robert A. Williams A&P 1816322

AIRCRAFT: N3434
ENGINE M/N: PT6A-34
S/N: PCE-56763 P/S
TTE: 28335.0
SOH: 3454.0
THSI: N/A

TTA: 31771.3
TCA: 56692
TACH: N/A
TCE: 45658
TCSOH: 6226
TCHSI: N/A

I certify that this ENGINE has been inspected I/A/W DeHavilland DHC-6 Inspection Program EMMA # (48) inspection and is approved for return to service.

SIGNED: Robert A. Williams

DATE: 06/27/01

LICENSE #: A&P 1816322

Fayard Enterprises Inc.
Louisburg N.C.

ATS Group, Inc.
Logbook entry

September 14, 2001 Aircraft TT: 31,897.7
Right Engine S/N PC-E57093 TT: 25,162.4
TSHSI: 126.4

Aircraft Landings: 57,060
TSO: 3580.4

- 1) Performed EMMA #1 consisting of Card # 37
- 2) Performed engine control rigging as necessary.
- 3) Performed 300-hr fuel filter replacement.
- 4) OPS and leak check OK.

This Engine is approved for return to service.

SUB-TOTALS this page

TOTALS—Carry forward to next page