

Book 6

PCE 56540



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canada

Airframe: Air Tractor N91955 Hobbs and TT: 13,743
Complied with AD2009-11-05 by inspection of engine
mounts for cracks. No cracks found. Next inspection
due 14,043

Timothy L McPherson

The subject aircraft was involved in an incident /
accident on 6/21/2025 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 2290464125US.

Signed: ***Underwriters Salvage Company***

Date: **8/19/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

ENGINE SERVICE AND

Pratt & Whitney Engine PT6-34 S/N PCE-56540
May 1, 2025 Hobbs: 13,743 TTSN 27,850.2

INSTALLATIONS, INSPECTIONS,
BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

Changed oil and checked oil screen(ok), filled with 10 qts
2380 BP oil, checked chip detector, replaced fuel nozzles,
replaced all fuel filters, cleaned and reoiled air filter,
Replaced overhauled prop governor,p/n 8210-003U,
s/n12183066, replaced fuel heater, all work done w/o
No:12598, compressor washed. Performed misc.
preventative maintenance per Pratt & Whitney and Air
Tractor Service Manuals. This engine has been inspected in
accordance with a 100 hr. inspection and was determined to
be in an airworthy condition at this time.

Timothy L. McPherson
Timothy L. McPherson AP3818274 IA

CARRIED FORWARD


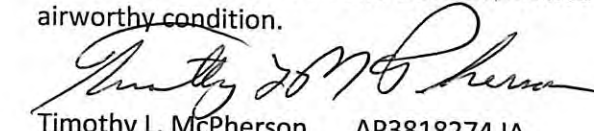


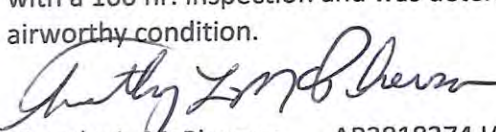
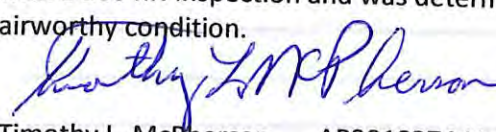
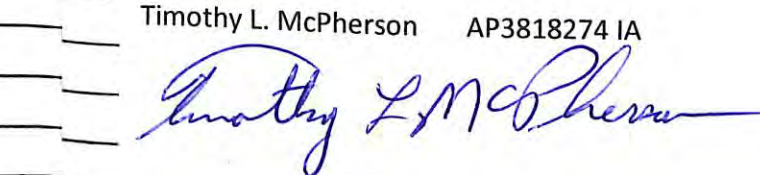
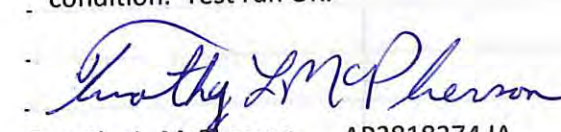
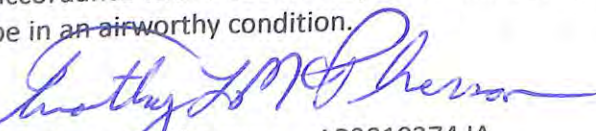

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ENGINE SERVICE AND

MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>	REPAIRS, ADJUSTMENTS, MODIFICATIONS <small>ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.</small>	SIGNATURE	LICENCE NUMBER			
	HRS.	MIN.	HRS.	MIN.							
Pratt & Whitney May 8, 2015	Engine PT6-34AG Hobbs: 10,441	S/N PCE-56540 TTSN 24,532	Pratt & Whitney May 1, 2016	Engine PT6-34AG Hobbs: 10,900	S/N PCE-56540 TTSN 24,991	Pratt & Whitney May 10, 2021	Engine PT6-34AG Hobbs: 12,595	S/N PCE-56540 TTSN 26,346	Pratt & Whitney May 1, 2023	Engine PT6-34AG Hobbs: 13,082.8	S/N PCE-56540 TTSN 27,518
Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, greased prop, replaced all fuel filters, serviced air filter, Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, serviced air filter, compressor washed. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, installed new air filter. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, replaced all fuel filters, cleaned and reoiled air filter, compressor washed. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.		
 Timothy L. McPherson AP501763754			 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA		
Pratt & Whitney May 1, 2017	Engine PT6-34AG Hobbs: 11,256.6	S/N PCE-56540 TTSN 25,347.6	Pratt & Whitney May 1, 2018	Engine PT6-34AG Hobbs: 11,542.8	S/N PCE-56540 TTSN 25,633.8	Pratt & Whitney May 10, 2022	Engine PT6-34AG Hobbs: 12,767	S/N PCE-56540 TTSN 27,518	Pratt & Whitney May 1, 2024	Engine PT6-34AG Hobbs: 13,415	S/N PCE-56540 TTSN 27,518
Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, serviced air filter, compressor washed. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, serviced air filter, compressor washed. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, installed new air filter. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 560 BP oil, checked chip detector, replaced fuel nozzles, replaced all fuel filters, cleaned and reoiled air filter. Performed Hot Section inspection and repairs on W/O #11475/1. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition. Test run OK.		
 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA		
Pratt & Whitney May 1, 2019	Engine PT6-34AG Hobbs: 11,840	S/N PCE-56540 TTSN 25,931	Pratt & Whitney May 10, 2020	Engine PT6-34AG Hobbs: 12,255	S/N PCE-56540 TTSN 26,346						
Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, serviced air filter. Performed Hot section inspection per Pratt & Whitney Service Manual, all limits checked OK, performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			Changed oil and checked oil screen(ok), filled with 10 qts 2380 BP oil, checked chip detector, replaced fuel nozzles, greased prop, replaced all fuel filters, installed new air filter. Performed misc. preventative maintenance per Pratt & Whitney and Air Tractor Service Manuals. This engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.								
 Timothy L. McPherson AP3818274 IA			 Timothy L. McPherson AP3818274 IA								

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →								

DATE: 6/17/10 ENG. MODEL: PT6A-34AG ENG. S/N: PCE 56540
HOBBS: 8,597 ENG. TSN: 23.086
Received Power Section off wing for Sudden Stoppage Inspection. Found Engine to be in a serviceable condition with the following repairs performed Engine Power Section Disassembled, cleaned, inspected:

1. Performed a run-out inspection on prop shaft and found it to be less than 0.001".
2. Installed P/N 3102227-01 S/N BB0032631 #6 Bearing overhaul by Prime Turbines on W.O. X1184.
3. Inspected 1st and 2nd Stage Gears Sets and carriers assy's and found to be in a serviceable condition.
4. Inspected RGB Front and Rear Housing, No damage noted.
5. Repaired Worn lugs on P/T Shaft Housing and #3 Bearing Cover.
6. Straightened R.H. Flange on Exhaust Duct.
7. Inspected T-5 System, Condition good, Functional Test Good.
8. Power Section reassembled safited and prepared for shipping.

All work performed in accordance with manufacturer's maintenance manual and current FAA regulations.

Don Morrison
Don Morrison
A&P 2811730

DATE: 3/29/2011 ENG. MODEL: PT6A-34AG ENG. S/N: PCE-56540
HOBBS: 8953.3 ENG. TSN: 22,442.3
Engine received for replacement of compressor Disk.

1. Engine was disassembled as necessary to perform repairs.
2. Installed 2nd Stage Compressor Disk P/N 3013712, S/N 4366 with total cycles of 10,271 and total time of 10,307.4 Inspected by Prime Turbines on W.O. W12515.
3. Installed 3rd Stage Compressor Disk P/N 3011713, S/N 1A542 with total cycles of 8,036. Overhauled by Covington Aircraft on W.O. 202289.
4. Replaced Compressor Tie Rods with (6) each New P/N 3019371.
5. Compressor Assembly P/N 3020911 S/N 8W041 was balanced by Prime Turbines on W.O. X1441.
6. Replaced (2) each Scavenge Oil Tube with Overhauled P/N 3013217 from Wencor West on W.O. 9139 & 9140.
7. Replaced I.T.T. Wiring Harness with serviceable condition P/N 3028604, S/N 6903008.
8. Engine was reassembled and prepared for shipping.

All work performed in accordance with manufacturer's maintenance manual and current FAA regulations.

Jamie Wince
Jamie Wince
A&P 3522278

5/1/11 Hobbs time 8953.3
Re-Installed this engine N91955 Air-Tractor,
CARRIED FORWARD

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TOTAL SINCE MFG.	

Installed all new oil & fuel hoses, filled with 10qts 2380 BP oil. Greased Starter-Generator, replaced fuel filter, checked oil screen (OK). Greased prop. Performed misc Preventive maintenance per Pratt & Whitney Service Manual. I certify this engine has been inspected per a 100 hr. inspection and was airworthy at this time.

Don Morrison
A&P 2811730

8/15/11 Hobbs 9365.3
Removed this engine from AT502 S/N 0236 for inspection of metal filings.

Don Morrison
A&P 2811730

DATE: 8/31/2011 ENG. MODEL: PT6A-34AG ENG. S/N: PCE-56540
HOBBS: 9365.3 ENG. TSN: 22,854.3
Engine was received off plane for Engine Vibration and Hot Section Inspection. Engine was disassembled, cleaned, inspected and repaired in accordance with Pratt and Whitney Maintenance Manual 3021244 Rev. 49, Dated 12/10/2010. Engine was then reassembled and determined to be in airworthy condition with the following repairs.

1. Installed #6 bearing P/N 3102227-014, S/N BB0023257 overhauled by BII on W.O. 687186.
2. Installed #1 bearing P/N 3033459, S/N BB938421 overhauled by BII on W.O. 649934.
3. Installed #2 bearing P/N 3028004, S/N BB991290 overhauled by BII on W.O. 515846.
4. Installed new Oil Filter PMA P/N 1761865.
5. Tested T-5 system, installed (1) each thermocouple P/N 3022983.
6. Installed Harness P/N S028604, S/N 0006850 overhauled by Semco Instruments, INC. on W.O. 122990.
7. Installed Busbar P/N 3027629, S/N HR12249 overhauled by Harco Laboratories, INC. on W.O. 60184.
8. Complied with a Hot Section Inspection, all part determined to be in serviceable condition.
9. Measured C/T Blade tip clearance 13.5 average.
10. Cleaned and flowed fuel nozzles (0) tips changed.
11. Performed (100) HR inspection. Installed new AN6235-3A fuel filter.
12. Motored engine for leak check OK.
13. Prepared engine for shipping.
14. Performance run to be accomplished upon installation on aircraft.

All work performed in accordance with manufacturer's maintenance manual and current FAA regulations.

Don Morrison
Don Morrison
A&P 2817730

ENGINE SERVICE AND

MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →								
3/4/07	Hobbs	7391	Eng TT	21880	Checked oil screen (OK), checked chip detector (OK), replaced firewalls & fuel control fuel filters, replaced air filters, greased prop as required, greased starter generator shaft, serviced battery. Performed 100 hr inspection on this engine IAW Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.			
						Anthony L McPherson AP 501763754		
4/8/08	Hobbs	7703	Eng TT	22192	Checked oil screen (OK), changed oil filled with 10 qts 2380 Aeroshell, checked chip detector, replaced fuel filters, greased prop, replaced starter/generator see attached yellow tag, serviced battery, replaced fuel nozzles. Performed 100 hr inspection on this engine in accordance with Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.			
						Anthony L McPherson AP 501763754		
CARRIED FORWARD								
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TOTAL SINCE MFG.								

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.		SIGNATURE	LICENCE NUMBER
DATE	TIME		
5/1/09	Hobbs 8180 (replaced)	Eng Total Time 22485	
Checked oil screen (OK), changed oil filled with 10 qts 2380, checked chip detector (OK), replaced all fuel filters, greased starter-generator shaft & checked brushes, installed new batteries, installed Cascade modified engine cowling & air filter (STC # SA00905SE). Modified engine mt per AD 2009-11-05. Greased prop, fuel nozzles have 150 hrs on. Performed misc preventive per Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.		Anthony L McPherson AP 501763754	
5/1/10	Hobbs 8506	Changed oil & checked oil screen filled with 10 qts 2380 BP oil, checked chip detector, replaced all fuel filters, greased starter-generator, replaced all fuel nozzles, Greased prop, serviced air filter, performed misc preventive maintenance per Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.	Anthony L McPherson AP 501763754

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD								
DATE: 3/29/04	ENG. MODEL: PT6A-34		ENG. TT: 20,963.0					
HOBBS: 6474.0	ENG. S/N: PC-E 56540							
Complied with a Hot Section Inspection and a Periodic (100) Hour Inspection in accordance with Pratt & Whitney Maintenance Manuals. The engine was determined to be in an airworthy condition with the following repairs performed:								
1. Inspected Main Oil Filter and Chip Detector, OK.								
2. Changed oil and serviced with BP2380.								
3. Replaced Fuel Pump discharge filter.								
4. Compressor Wash.								
5. Inspected Compressor Blades for F.O.D., OK.								
6. Tested ITT System, replaced (1) each P/N 3022983 Thermocouple, overhauled condition.								
7. Replaced P/N 10-381550-1 Igniter Box S/N 89176679, overhauled by Airinc on WO#RO103634.								
8. Greased Propeller Blade Hubs.								
9. Average C/T Blade Tip Clearance is 0.012".								
10. Cleaned and Flowed Fuel Nozzles, all OK.								
Performed ground run for leaks and performance, OK. All work performed in accordance with manufacturer's maintenance manuals and current FAA Regulations.								
Robert C. Smedley								
A&P/IA261175564								
3/29/04								
Installed overhauled starter generator serial # 1880 dated yellow 6/5/03 w/o # 4042								
Anthony L. McPherson								
AP501763754								
CARRIED FORWARD								
TOTAL THIS PAGE								
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TOTAL SINCE MFG.								
DATE: 4-11-2005					ENG. MODEL: PT6A-34	ENG. TT: 21,322.5		
HOBBS: 6833.5					ENG. S/N: PC-E56540			
Complied with a Hot Section Inspection in accordance with Pratt & Whitney Maintenance Manual. All components found to be in an airworthy condition with the following performed:								
1. Cleaned & flowed one set of Fuel Nozzles, OK.								
2. Rebuilt Accessory Gear Box.								
3. Installed P/N 3029248 Small Exit Duct S/N 5066-277 overhauled by Aviation Welding, LLC on WO#3574 and Rebuilt Small Exit Duct Assembly.								
4. Replaced P/N 3032151 C/T Vane Ring S/N 4B230 overhauled by P&WC Components Repairs (Wichita Falls) on WO#194610-7.								
5. Replaced P/N 3021379 Large Exit Duct S/N 0658 overhauled by Aviation Welding, LLC on WO#105105.								
6. Installed P/N 3024576 Combustion Liner S/N 051 overhauled by Aviation Welding, LLC on WO#3574.								
7. Replaced P/N 3029567 Starter Generator Gear Shaft S/N K4317 overhauled by Advanced Technology Company on WO#643270								
All work performed in accordance with manufacturer's maintenance manuals and current FAA Regulations.								
Robert C. Smedley								
A&P/IA261175564								
Hobbs 6833.5					5/17/05			
Installed overhauled propeller with new hub, serial # BVA29826								
Propworks work order # 1769. Test Run OK.								
Anthony L. McPherson								
AP501763754								
5/9/06 Hobbs 7230								
Changed oil & checked screen (OK) filled with 100pts 2380 Exon								
Replaced fuel filters, replaced air filters, greased prop as required,								
replaced fuel nozzles, compressor washed, greased starter generator,								
dressed & painted prop, performed routine 100hr inspection on								
this engine IAW Pratt & Whitney Service Manual. I certify								
this engine has been inspected in accordance with a 100 hr								
inspection and was determined to be in satisfactory condition								
Anthony L. McPherson								
AP501763754								
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.								

ENGINE SERVICE AND

MAINTENANCE RECORD

7

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →								
5-30-01			Hobbs	5226.3	Time 5226.3 Changed oil & checked oil screen (OK) Filled with 9gts 2380 Exxon oil			
					Anthony L McPherson AP 501763754			
8/2/01			Hobbs	5360	Changed air filters			
					Anthony L McPherson AP 501763754			
6/02/02			Hobbs	5502	Changed oil & checked oil screen, filled with 10gts 2380 Exxon oil, replaced fuel filters (FF98), replaced fuel nozzles, replaced air filters, greased prop as required, lubed starter generator. Performed routine 100 hr. inspection on this engine IAW Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr. inspection & was determined to be in an airworthy condition.			
					Anthony L McPherson AP 501763754			
6/28/02			Hobbs	5618	Changed fuel filters			
					Anthony L McPherson AP 501763754			
8/09/02			Hobbs	5819	Changed air filters			
					Anthony L McPherson AP 501763754			
CARRIED FORWARD								
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TOTAL SINCE MFG.								
Pro Turbine, Inc. 525 Airport Road Hangar A-2 Hot Springs, AR 71913 Tele: 501-623-4210								
DATE: 8/19/02 ENG. MODEL: PT6A-34								
HOBBS: 5819								
Fourteen each Fuel Nozzle Assemblies were cleaned and flow checked. Two each P/N 3010036 Fuel Nozzle Tips were replaced. Torqued, tabbed, and pressure tested. All work performed in accordance with Pratt & Whitney Maintenance Manual and current FAA Regulations.								
Robert C. Smedley A&P/IA261175564								
6/1/03 Hobbs 5985								
Changed oil & check screen, filled with 10gts 2380 Exxon. Replaced fuel filters, replaced air filters, greased prop as required, lubed starter generator, replaced fuel nozzles. Replaced fuel pump (serial # 10011) replaced fuel controller (serial # 306884) see maintenance releases attached. Compressor washed & ran engine. Performed routine 100 hr. inspection on this engine IAW Pratt & Whitney Service Manual. I certify this engine has been inspected in accordance with a 100 hr. inspection & was determined to be in an airworthy condition.								
Anthony L McPherson AP 501763754								
6/21/03 Hobbs 6110								
Replaced fuel filters								
Anthony L McPherson AP 501763754								

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

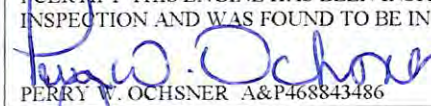
MAINTENANCE RECORD

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

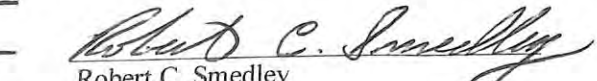
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BROUGHT FORWARD →								

AIC MAINTENANCE, INC. DATE: 10-27-99
ENGINE: PT6A TT: 4012.2 HIS: 1394.2
PERFORMED ROUTINE 100 HOUR INSPECTION ON THIS ENGINE IAW PRATT & WHITNEY SERVICE MANUAL.
CHANGED ALL FLUID FILTERS AND FIREWALL FUEL FILTER.
CHECKED CHIP DETECTOR AND OIL FILTER. NO CONTAMINATION NOTED.
LUBED QUILL SHAFT AS REQUIRED.
LUBED PROPELLER AS REQUIRED AND DRESSED.
WASHED AND RAN ENGINE. ALL PARAMETERS SATISFACTORY. NO LEAKS NOTED.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

PERRY W. OCHSNER A&P468843486

Pro Turbine, Inc.
525 Airport Rd. Hanger A-2
Hot Springs, AR 71913
501-623-4210
Date: 11-19-99 Eng. Model: PT6A-34
Hobbs: 4018.9 Eng. S/N: PCE-56540
Eng. TT: 18507.9

- Complied with Hot Section Inspection and Periodic (100) Hour Inspection in accordance with Pratt and Whitney maintenance manual. P/N 3021242, Revision 42, Dated 7-30-99, Tables 601 and 603 in chapter 72-00-00. The following repairs were performed:
1. Checked chip detector, OK.
 2. Cleaned and flow checked fuel nozzles.
 3. Replaced (1) ea. P/N 3012534 Clamp
 4. Replaced with serviceable (1) ea. P/N A3026 Beta Block.
 5. Inspected C/T Disk and Blades. OK
 6. Checked Inlet Area for F.O.D. OK.
 7. Lubed Starter Generator Splines.
 8. Inspected Oil Filter. OK.
 9. Replaced Filter in High Pressure Fuel Pump.
 10. Inspected Igniter Plugs. OK
 11. Serviced with (10) ea. Quarts of Exxon 2380.


All work performed in accordance with Pratt and Whitney Manuals and current FAA Regulations.


Robert C. Smedley
A&P/IA 261175564

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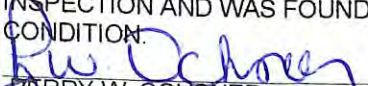
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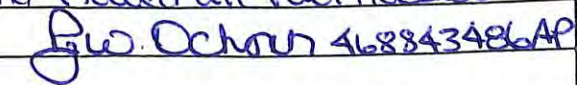
14 MAR.2000
PT6A-34
PCE-56540
REPLACED FUEL NOZZLES WITH REPAIRED SET. NOZZLES REPAIRED BY PRIME TURBINES, INC. UNDER WORK ORDER # W13747.
HOBBS 4352.1 HRS.
N91955


TERRY KIELER
AP452686050

14 MAR. 2000
PT6A-34
PCE-56540
REPLACED ENGINE DRIVEN FUEL PUMP FILTER. CHECKED CHIP DETECTOR. CLEANED AND INSPECTED OIL FILTER. PERFORMED COMPRESSOR WASH. CHECKED BETA VALVE.
HOBBS 4352.1 HRS.
N91955


MALCOM DINGES
AP449913536

AIC MAINTENANCE, INC.
ENGINE: PT6A; S/N: PCE 56540; HOBBS: 4668.7;
ETT:19057.7; DATE: 5/17/00
PERFORMED ROUTINE 100 HOUR INSPECTION IAW PRATT & WHITNEY SERVICE GUIDE.
CHANGED ALL FLUID FILTERS, FIREWALL FUEL FILTER.
CHECKED CHIP DETECTOR AS REQUIRED AND OIL FILTER. NO CONTAMINATION NOTED.
LUBED QUILL SHAFT.
LUBED PROPELLER AND DRESSED.
REPLACED BOTH IGNITERS WITH NEW.
WASHED AND RAN ENGINE, NO LEAKS NOTED.
ALL PARAMETERS SATISFACTORY.
CHANGED OIL, ADDED 9 QUARTS EXXON 2380.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

PERRY W. OCHSNER A&P468843486IA

7-29-00 @ 4711.5 - cleaned and flowed all fuel nozzles.
Repl gaskets. No leaks noted.  468843486AP

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

3

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

SOUTHEASTERN AIRCRAFT SALES & SERVICE

2720 Sneed Road
Southeastern Airport
Fort Pierce, FL 34945
27 APRIL 1998

PRATT&WHITNEY PT6A-34,S/N PCE-56540,TOTAL TIME 17107,HOBBS 2618,COMPLIED WITH HOT SECTION INSPECTION THIS DATE.RECOATED CT BLADES,REINSTALLED,TRUED AND BALANCED CT DISK ASSY,REPLACED CT SEGMENTS WITH NEW(SEE AFTS YELLOW TAGS)FINAL GROUND CT CLEARANCE TO.012" AVERAGE,ALL OTHER SIGHTED COMPONENTS FOUND TO BE IN ACCEPTABLE CONDITION.CLEANED AND FLOW TESTED FUEL NOZZLES(SEE AFTS YELLOW TAG)DRAINED OIL,CLEANED OIL SCREEN,CHECKED ALL ACCESSABLE OIL STRAINERS AND CHIP DETECTORS-NO METAL FOUND-REASSEMBLED ENGINE AND SERVICED WITH EXXON 2380 TURBO OIL.REPLACED MAIN FIREWALL FUEL FILTER,REPLACED FUEL PUMP OUTLET FILTER AND CLEANED FUEL PUMP INLET SCREEN, -02 PUMP COUPLING NOTED.LUBED STARTER GENERATOR SPLINE DRIVE WITH MOLYKOTE AND REINSTALLED. **PERFORMED 100 HOUR INSPECTION.** REPLACED AIR INLET FILTERS, CHECKED BLEED VALVE PER AD 97-04-12 AND FOUND TO BE N/A. PERFORMANCE RAN ENGINE-ALL OPS OK-ENGINE FOUND TO BE ACCEPTABLE FOR RETURN TO SERVICE.ALL WORK DONE IAW APPLICABLE P&W MAINTENANCE MANUALS AND PUBLICATIONS.PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY.ENGINE WAS DISSASSEMBLED ONLY TO THE EXTENT NECESSARY TO PERFORM WORK LISTED ABOVE.

Jerry W. Kufner

A&P 254023105

PT6A-34 PCE 56540

4/27/98

STARTS & FLIGHTS: 230 & 2678 (SINCE 1/30/97)

COMPUTED LIFE LIMITED COMPONENT STATUS PER SB 1002R20 DATED 6/4/90:

HOBBS: 2618.0

P/N	NAME	CONSUMED CYCLES/HOURS	S/N	REMAINING CYCLES/HOURS
3013111	HUB	5555/ 4208.0	1X133	13445/ NA
3013712	2ND STG DISK	20286/15821.0	3C741	3714/ NA
3011713	3RD STG DISK	20286/15821.0	2C252	4714/ NA
3013176	IMPELLER	5729/ 4346.0	2832	13271/ NA
3013411	CT DISK	8943/ 7394.0	8N041	7057/7606.0
3026812	PT DISK	16128/13111.0	4H491	3872/ NA

I certify that this powerplant
has been inspected in accordance with
a 100hr annual inspection and
was determined to be in airworthy
condition.

CARRIED FORWARD Date 5-7-98, Total Time HOBBS 2618.0

Mech. *Charles Stone Jr*
A & E 334919

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

SIGNATURE

LICENCE
NUMBER

6-19-98 2722.2

I certify that this powerplant has
been inspected in accordance with a 100hr
inspection and was determined to be in a
airworthy condition. *John Wakefield* AP502583709

8-13-98 2901.0

I certify that this powerplant has been
inspected in accordance with a 100hr inspection
and was determined to be in a airworthy condition.
John Wakefield AP502583709

SOUTHEASTERN AIRCRAFT SALES & SERVICE

2720 Sneed Road
Southeastern Airport
Fort Pierce, FL 34945
12 OCT. 1998

PRATT&WHITNEY PT6A-34,S/N PCE-56540,HOBBS 3015.7,PERFORMED 100 HOUR INSPECTION.
CLEANED AIR INLET FILTERS, SIGHTED -02 FUEL PUMP COUPLING,LUBED STARTER GENERATOR
SPLINES WITH MOLY KOTE AND REINSTALLED.CHECKED BLEED VALVE IAW AD 97-04-12 AND
FOUND TO BO PCW.CLEANED OIL FILTER AND CHECKED ALL ACCESSABLE CHIP DETECTORS
AND STRAINERS-NO METAL FOUND-CLEANED FUEL PUMP INLET SCREEN AND REPLACED FUEL
PUMP OUTLET FILTER.CLEANED AND FLOW TESTED FUEL NOZZLES-SEE AFTS YELLOW TAG-
PERFORMANCE RAN ENGINE-ALL OPS OK-ENGINE FOUND TO BE ACCEPTABLE FOR RETURN TO
SERVICE.ALL WORK DONE IAW APPLICABLE P&W MAINTENANCE MANUALS AND
PUBLICATIONS.PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY.

[Signature] A&P 20823836

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARYTOTAL
SINCE MFG.

ENGINE SERVICE AND

MAINTENANCE RECORD

- RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
HRS.	MIN.	HRS.	MIN.				
BROUGHT FORWARD →							
Jan. 30, 1999				Replaced all Fuel Filters, checked screen + chip detector.			
Hobbs. 1674				Performed Hot Section inspection, all nozzles flow tested good. No cracks in stators or, Guide vanes, or Comb. liner,			
T.T.E 16,163				C.T. blades re-riveted and assy balanced, average C.T. clearance .016 - re assembled, test run and			
				balanced prop with Chadwick 8350. I certify this engine has been inspected I.A.W. an annual			
				inspection and was determined to be in an airworthy condition. Lloyd F. Folsom 433761474 I.A.			
Sept. 12, 1997				Removed Starter-Gen. for overhaul. Installed	Yellow Tag Starter-Generator S/N 92185. Starter was tested		
Hobbs 2591				on ground & found to satisfactory for return	to service.	James P. LeBlanc	
						ATP 438885802	

MAN: PRATT&WHITNEY MOD: PT6-34 S/N: PCE-56540 HOBBS: 2597.7

T.T.: 17086.7

C/W HOT SECTION INSPECTION. REPLACED C.T. VANE RING WITH HOWMET OVERHAULD VANE RING,P/N 3023661-CL6.024,S/N 6-14-71,SEE F.A.A. FORM 8130-3,AND HOWMET POST INSPECTION REPORT ATTACHED TO THIS PAGE. REMOVED P.T. SHAFT HOUSING,SMALL EXIT DUCT AND COMBUSTION LINER FOR REPAIR BY R.T. TURBINES. R.T. TURBINES REPAIRED ANTI-ROTATION SLOTS ON P.T. SHAFT HOUSING,REPAIRED SMALL EXIT DUCT P/N 3029248,S/N 5066-277,AND COMBUSTION LINER P/N 3024576,S/N RT75W8. ALL WORK WAS PERFORMED I.A.W. P&W O.H.M. P/N 3021243,UNDER R.T. WO# 353. REPLACED ONE T-5 PROBE,P/N 3022984. ASSEMBLED SMALL DUCT ASSEMBLY USING ORIGINAL SEGMENTS PER CUSTOMER REQUEST,WITH C.T. DISC TIP CLEARANCE AVERAGE OF .016. CLEANED AND SPRAY CHECKED FUEL NOZZLES. C/W 100 HOUR INSPECTION,CHECKED CHIP DETECTOR AND OIL SCREEN FOR METAL,NONE NOTED AT THIS TIME. CHANGED FIREWALL AND ENGINE MAIN PUMP FUEL FILTERS. LUBED ALL ENGINE CONTROLS. ASSEMBLED ENGINE,GROUND RAN WITH ALL ENGINE PARAMETERS WITHIN LIMITS,AND NO FUEL OR OIL LEAKS NOTED AT THIS TIME. ALL WORK WAS PERFORMED I.A.W. P&W MAINTENANCE MANUAL P/N 3021242. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SEPTEMBER 16, 1997

Mike Lester
A+P 499607467
H. MICHAEL LESTER
A&P 499607467

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

MAINTENANCE RECORD

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.			
10-9-95	TOTAL Hours -		15379.0		New logbook started this date - see books 1-5 for previous history. This engine installed on AT502 N91955 ; Engine serviced with Exxon 2380 oil ; Engine ground run all ok.	Steve A. Hall AP587786743	
	TOTAL cycles -		17578.0				
	TSC		- 7093.0				
	CSC		- 8255.0				
	Aircraft Hobbs -		890				
2-21-96	Hobbs: 910.6				Dynamic Balanced & Vibration Spectrum Track and This A/C Spinner - Propeller - Engine Comb, as per "spec." See Propeller Log for complete & detailed entry. - END -		AP4282644
12 MAY 96	HOBBS 1234.0				Flow tested fuel nozzles, cleaned nozzles. Replaced fuel filter ^{GE FCU} FUEL FILTER. Removed oil filter, cleaned; Reinstalled. Greased starter generator. All work accomplished I/A/W Pratt & Whitney maintenance manual. Aircraft ground run & leak checked O.K. See ^{AP} 301526039		
CARRIED FORWARD							
TOTAL THIS PAGE							
TOTAL FROM PREVIOUS SUMMARY							
TOTAL SINCE MFG.							

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE LOG

1. Make Pratt & Whitney
2. Model PT6A-34
3. Specification _____
4. Manufacturer's Serial Number PCE-56540
5. Date of Manufacture 1979
6. Aircraft Inspection Cycle _____