

Aircraft Record General Information

Manufacturer AIR TRACTOR INC Model AT502
Serial 502-0200 Registration Number N9185D
Date of Manufacture 12/10/92

Engine(s) currently installed:

Manufacturer PRATT & WHITNEY Model PT6A-34 Serial PC-E 51273
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model HC-B3TN-3D/T10282N+4
HUB Model HC-B3TN-3D Serial BV18819 Serial _____
Blade Model T10282N+4 Serial H50174 Serial H50162 Serial H50163
Blade Model _____ Serial _____ Serial _____ Serial _____

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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N #:	0185D	Date:	02-17-2020	HM:	10415.1
Make:	P&W	Model:	PT6A-34AG	S/N:	PCE-51673
ENGT:		TSOH:		ENG CYC:	



This is a permanent part of the **Engine** Records

Complied with the following inspections, maintenance and/or repairs.

- 1 Replaced: (58) CT Blades 3039907 (20) overhauled on EOS w/o 8162852 and 8162901 3102401-01 (38) Overhauled MT Texas w/o RO6075
- 2 CT Disc 3102421-01 s/n 9Y385, 6841 cycles remaining Rivet, True and Balance on Mint Turbine w/o 9146PP
- 3 Replace: Large Exit Duct 3109263-02 s/n UIA001M2FX overhauled on Global Turbine w/o RO143984
- 4 Replace: Segments E3018503 cl. 12 (9) ground to a final tip clearance of 0.013"
- 5 Replaced: Containment Ring 3109595-01 overhauled on Consolidated w/o 11277 C/W AD 2014-11-05
- 6 Replaced T5 Harness 3117924-01 s/n NR166 and (2) Thermocouples 3022983
- 7 Assembled engine at C flange
- 8 Replaced: Propeller Shaft Seal 3026652
- 9 Replaced: Chip Detector 303402G
- 10 Replaced: (2) Cannon Plugs, Chip Detector and Overspeed Governor
- 11 Repaired: Threads on Oil scavenge knuckle
- 12 Repaired oil leak on Fuel/Oil Heater
- 13 Performed Compressor wash, Test ran Engine and Leak check all good.

Surry Tobin A&P

03-09-2020 MN AT-502 SN 502-0200 N9185D Hobbs 0472

Greased prop. Changed discharge fuel filter w/ new. Cleaned inlet fuel screen. I certify this engine has been inspected IAW a 100 hr inspection and found to be in airworthy condition. —END—

Russell Heigle A&P

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Hartzell Propeller Inc.
Manual No. 139

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

MID AMERICA SPECIALIZED SERVICES

FAA REPAIR STATION 031R256Y

DATE 12-17-10 MODEL HC B3TN 3D

TOTAL TIME _____ S/N BUA 30368

Disassembled, Cleaned, Inspected, Overhauled, Reassembled and Tested.
Reference FAA Approved Data On File Under Work order # 4515

MID AMERICA SPECIALIZED SERVICES

FAA REPAIR STATION 031R256Y

DATE 3-29-11 MODEL HC B3TN 3D

TOTAL TIME _____ S/N BUA 30368

Disassembled, Cleaned, Inspected, Reassembled and Tested.
Reference FAA Approved Data On File under work order #

DATE: 05/04/12 MODEL: AT-502 S/N: PCE502-00 N#9185D Acft. TT: 8796.3

Removed Prop for overhaul P/N: HC B3TN3D, S/N: BUA 30368.

All work performed in accordance with FFA Regulations and manufacturer's maintenance manual.

Don Morrison
A&P

DATE: 05/07/12 MODEL: AT-502 S/N: PCE502-00 N#9185D Acft. TT: 8796.3

Installed Prop P/N: HC B3TN 3D, S/N Bua 30368 overhauled by Mid America Specialized Services on Work Order 4883.
Serviced prop with Aeroshell 7 and balanced.

All work performed in accordance with FFA Regulations and manufacturer's maintenance manual.

Don Morrison
A&P

HARTZELL PROPELLER INC.

MID AMERICA SPECIALIZED SERVICES

Re **FAA REPAIR STATION 031R256Y**

Blade D

Blade S

DATE 05-07-12 MODEL HC B37N 3D

TOTAL TIME _____ S/N BuA 30368

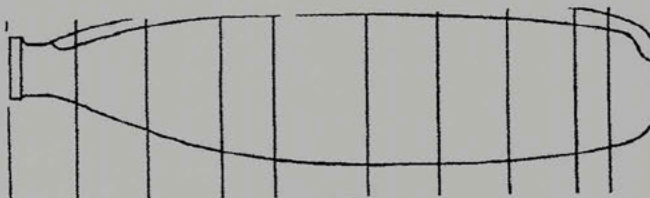
Disassembled, Cleaned, Inspected, Overhauled, Straightened
One Blade, Reassembled, Tested & Balanced, Ref FAA
Approved Data On File under W/o # 4883

inch 4

cm 1

inch

cm



Location of Damage

Date of Entry	Flight Hours	Degree of Damage (airworthy/unairworthy) Description of Damage	Description of Repair	Repaired By

501-624-2462 / 501-623-4210
525 AIRPORT RD HANGAR A3
HOT SPRINGS, AR 71913

WORK ORDER #

WOMAN VILLEN 77

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900-10071

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Total Service

Total Parts

Shipping	
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Subtotal

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added to invoice.

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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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03-02-2020 ACTT-10432.7 MN- AT502 SN- 502-0200 N9185D

Re-shimmed right gear. Greased wheel bearings. Greased 90 degree bell cranks. Removed aft belly skin. Sandblasted aft tubing, cleaned primed and painted. Replaced control bearings as needed. Repaired wired on prop tach in cockpit. I certify this aircraft has been inspected IAW a 100 hr. inspection and found to be in airworthy condition-----END-----

Russell Heigle A&P [REDACTED]

03-02-2020 ACTT-10432.7 MN- AT502 SN- 502-0200 N9185D

I certify this aircraft has been inspected IAW an annual inspection and found to be in airworthy condition-----END-----

Jerome Strickland A&P [REDACTED]

03-09-2020 MN AT-502 SN 502-0200 N9185D Hobbs 0472

Inspected for cracks and corrosion on wing spar per ICAs of SL 197; none found. Next due at annual 2021. -----END-----

Russell Heigle A&P [REDACTED]