

N502WF AT 502B
Log #1



The Standard

AIRCRAFT LOG

Crabbe Aviation

ASA-SA-2

The subject aircraft was involved in an incident / accident on 8/10/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 8283953852US.

Signed: ***Underwriters Salvage Company***

Date: **11/17/2025**

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

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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MAKE: AIR TRACTOR N502WF HOBBS:7113	MODEL: AT502B ENGINE MODEL: PT6A-34AG TT:7113	S/N: 26454 ENGINE S/N: PCE-PH0451 DATE: 7/30/2025
<ul style="list-style-type: none"> Performed 100hr airframe inspection IAW Air tractor Maintenance Manual and FAR 43 appendix D Removed, cleaned, inspected firewall fuel filter, reinstalled, complied with SL#361 by replacement of both sealing washers I find this aircraft to be in an airworthy condition at this time <p>William L Rutland AP4496746IA</p> 		

YEAR
20 _____
DATE _____

N502WF

DATE: 4/14/2025 TACH: 6936.0 AFTT: 6936.0 CHECKED ALL INT/EXT LIGHTS. INSPECT AND LUBE ALL PULLEYS, HINGES, AND CONTROL BEARINGS. INSTALL L/H AND R/H RUDDER CABLES P/N: 70095-7-500 AND PULLEYS. INSTALL NEW L/H AND R/H AILERON/RUDDER INTERCONNECT CABLES AND PULLEYS. INSTALL NEW TAILWHEEL LOCK CABLE AND PULLEYS. INSTALL NEW REAR SPAR BOLTS. SHIM FWD BEARING HOUSING ASSEMBLY ON TORQUE TUBE ASSEMBLY. INSTALL NEW RUDDER PEDAL PIVOT BUSHINGS, BOLTS AND RUDDER RETURN SPRING BRACKETS. REPAIR CRACKED A/C PLENUM FLOOR. REPAIR CRACKED START/GEN DRAIN TUBE. REPAIR CRACKED BELLY PAN AS NEEDED. INSTALL NEW CABIN AIR FILTER. INSTALL NEW RG24-20 CONCORDE AIRCRAFT BATTERIES S/N'S: 41425979 AND 41425976. INSTALL NEW FUEL SELECTOR QUICK DRAIN. INSTALL NEW FUEL CAP O-RINGS. REMOVE AG NAV GUIDANCE SYSTEM. INSTALL AG PILOT X GUIDANCE SYSTEM. SEE 337 DATED 2/12/25. INSP MAIN LANDING GEAR. CLEAN AND PACK MAIN WHEEL BEARINGS. INSTALL NEW 29X11-10 10PLY AIRHAWK TIRE AND NEW 29X11-10 TUBE. INSP BRAKE CALIPERS. INSTALL NEW O-RINGS IN L/H BRAKE MASTER CYLINDERS. FABRICATE AND INSTALL NEW L/H AND R/H BRAKE RESEVOIR TO MASTER CYL BRAKE LINES. BLEED AND SERVICE BRAKES W/5606. REMOVE AND INSP TAILWHEEL ASSEMBLY. STRIP, PRIME AND PAINT TAILWHEEL FORK, CAP ARM ASSEMBLY, SPRING ATTACH BLOCK AND L/H AND R/H HORIZONTAL STAB STRUTS. INSTALL NEW L/H AND R/H HORIZONTAL STAB STRUT LEADING EDGE PROTECTANT TAPE. INSTALL NEW TAILWHEEL HOUSING ASSEMBLY P/N: 40089-1. INSTALL NEW SL 171 LOCK PIN BUSHING. LOCK PIN P/N: 40021-1, WEAR PLATE P/N: 40018-2 AND TAILWHEEL BOLT KIT P/N: 40093-1-300. CLEAN AND PACK TAILWHEEL BEARINGS. INSTALL NEW INDUCTION AIR FILTER P/N: BA-409E. R&R U AVIONIXS TAILBEACON WITH NEW UNIT S/N: 2023681, IAW TAIL BEACON INSTALLATION MANUAL. INSTALL 2 NEW A/C CONDENSER FANS. SERVICE A/C SYSTEM WITH R134A. CLEAN AND INSPECT AIRCRAFT FIREWALL FUEL FILTER. INSTALL NEW LAMAR GCU P/N: 61737-1. AD 09-11-05 "CRACKS IN ENGINE MOUNTS" C/W BY INSP AS PER AD. NO DEFECTS NOTED. NEXT DUE HOBBS: 7036.0 AD 21-05-14 "FLAP TORQUE TUBE" C/W BY VISUAL INSP AS PER AD. NO CRACKS FOUND. NEXT VISUAL DUE HOBBS: 7281.0 NEXT DYE PEN DUE HOBBS: 7376.0. AD'S CHECKED THRU BI-WEEKLY LISTING 07-2025. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR/ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

JONATHAN COLLETT IA2927653

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SSID: Beacon-2467
Pass: TowerBravo

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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.)

N502WF

DATE: 06/06/2025 TACH: 6976.0. REMOVE TRANSLAND HOPPER QUANTITY GAUGE SYSTEM. INSTALL TRUE QUANTITY GAUGE SYSTEM IN ACCORDANCE WITH REABE DESIGN LLC DATA LIST PER AML SA04676CH. REABE HOPPER GAUGE P/N: 6-0-0-570 CONFIG 2, SERIAL NUMBER RAP 046. INSTALLED I/A/W INSTALLATION INSTRUCTIONS "TRUE QUANTITY" GAUGE SYSTEM DOCUMENT 6001-II REV. 1 DATED OCTOBER 7, 2010. TEST SYSTEM AS PER REABE DESIGN LLC INSTALL TEST PROCEDURE. FOR ICA'S SEE REABE DESIGN LLC DOCUMENT: 66001-FMS, REV1. DATED 08/12/2024. WEIGHT AND BALANCE CHANGE NEGLIGIBLE. SEE 337 LISTED THIS DATE ROBERT D. FENNER A&P3282552

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N502WF

DATE: 7/11/2025 HOBBS: 7014.0 INSTALL NEW FLAP MOTOR P/N: C145-355 AND NEW FLAP DRIVE COUPLING. RESECURED R/H NAV LIGHT ASSEMBLY.
JONATHAN COLLET AP2927653

[Handwritten signature over the signature block]

Butterfly Aviation, Inc. Goodland, KS.

MAKE: Air Tractor	MODEL: AT502B	S/N:2645
N502WF	ENGINE MODEL: PT6-34AG	ENGINE S/N:PCE PH0451
HOBBS:6915.7	TT:6915.7	DATE: 4/29/2024

Completed Airframe 100/300hr and annual inspection IAW Air Tractor Owners Manuals and FAR 43 appendix D

appendix □

- Removed engine from airframe and sent to RT Turbines for IRAN
- Replaced Brake linings
- Repacked outer wheel bearings with grease
- Installed new RH main gear tire
- Changed RH landing gear lower clamp block and attach hardware
- Checked calibration Of ITT gauge using Barfield TT1200A
- Replaced bushings and hardware in elevator trim system
- Replaced bushings and hardware in rudder servo
- Removed and replaced bushings in tailwheel assembly
- Installed new tail wheel tire
- Replaced engine isolation mounts and mounting bolts
- Complied with SL 369 by installing new AC drive pad bearings
- Replaced AC drive belt
- Installed new Barrier inlet filter
- Complied with All Applicable AD's

I certify that this aircraft has been inspected in accordance with an annual inspection and is found to be in an airworthy condition at this time.

William L Rutland AP4496746 JA

W. M. H. H. (Signature)

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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N502WF 01/23/2023 HOBBS 6567.5 ENGINE TT 6567.5

Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel

- AD 06-24-10 spars due at 9800TTA
- Replaced bearings in elevator (4EA)
- Replaced seat back mesh
- Installed new shoulder harness
- All AD checked to this date.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.

Kyle Summerfield 3590663 IA



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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Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 6801.4
Engine TT: 6801.4

DATE: 07/16/2023
WORK ORDER # 07162023
Hobbs: 6801.4

"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.
The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.
25-hour inspection items Air Tractor AT-502A/ pgs 1-6.
Periodical Inspection 100-hour inspection items Air Tractor AT-502A/B pgs 1-6.
Replaced fuel filter P/N 572744.
Ops checks, Ground run, leak check complete.

Authorized Signature 
Thomas O. Daneker

A/P 2832999

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.)

AT-502B, 502WF, S/N 502B-2646,

TT: 5923.9 HM: 5923.9

Incorporated Aero Innovations, LLC., STC SA0343CH by removal of Propeller HC-B3TN-3D and installing new propeller model HC-B4TN-3C/T10702NS, S/N CDA5851, with propeller bulkhead P/N D-4801-1P and spinner P/N C3436-1P, Dome 1905025. Propeller/bulkhead/spinner complete assembly P/N B4N10350S, propeller 100% Np adjusted to 2080 RPM. Installations, adjustments, and markings/placards completed in accordance with Aero Innovations, LLC., and maintenance manual supplement AIL-HC-AT-02, Rev. C. Initiated OSG component logbook AIL-LR-OSG and installed over speed governor P/N 210507W, S/N 16542176, after adjustment IAW Aero Innovations, LLC., OSG specifications AIL-LR-OSG, Rev B. Limitations and additional operating instructions for this installation on this aircraft are found in Aero Innovations, LLC., AFM supplement AIL-HC-AT-AFM5. AFM supplement issued and placed in aircraft current AFM Supplement sections. Weight and Balance and equipment list updated accordingly. Instructions for continued airworthiness found in Aero Innovations, LLC., maintenance manual supplement AIL-HC-AT-02 Rev. C. And a copy is provided to aircraft operator for inclusion into his current airframe maintenance manual. Propeller manufacturer's maintenance instructions are found in Hartzell Propeller, Inc. Operators manual 139.

Date: 09-24-20

A&P 3672281

Signature: Jason M. Neff

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.)

N502WF 1/13/2021 HOBBS 5939 Airframe TT 5939

Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel

- AD 06-24-10 spars due at 9800TTA
- All AD checked to this date.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.

Brian Fisher 3456526 IA

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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Heart of Virginia Aviation
11152 Airpark Rd
Ashland, VA 23005



Phone: 804-798-6500
Fax: 804-798-6544
11/01/2019

N502WF
Hobbs: 5816.3

Removed rear position light and installed uAvionix Tail Beacon ADS-B rear position light using existing wiring. The installation was performed as a follow on to STC SA04427CH and FAA policy notice N8900.362. The ADS-B installed equipment was shown to meet the performance requirement of 14 CFR section 91.227. This unit was installed and configured IAW Tail beacon installation manual. No change in weight and balance see 337 dated 11/01/2019. Passcode (SouthQuebec).

Daniel Mcsherry AP3110300

D. Mcsherry



SSID: Beacon-B0C1
Pass: SouthQuebec

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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Air Tractor, Inc. 1524 Leland Snow Way, P.O. Box 485, Olney, Texas 76374
FAA Repair Station AXTR327C

Date	Aircraft Make	Aircraft Model
01/APR/2020	Air Tractor	AT-502B
Aircraft Serial Number	Aircraft Registration	Hobbs Time
502B-2646	N520WF	5831.0

C/W AD 2006-24-10 Inboard spar structure replacement SL 80DD and drawing 20989. Replaced tank top skins on L/H & R/H wing. Installed new aileron push tube bearing R/H wing

The aircraft, identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and with respect to the above work is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No.20-4434.

Charles D Shifflett

Charles D Shifflett, Certificate # 2923529
CRS# AXTR327C

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Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 5690.7
Engine TT: 5690.7

DATE: 08/08/19
WORK ORDER # 080819
Hobbs: 5690.7

I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.
The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

- Daily inspection, preflight, walk-around inspection per Flight Manual.
- 25-hour inspection items Air Tractor AT-502A/ pgs 1-6.
- Periodical Inspection 100-hour inspection items Air Tractor AT-502A/B pgs 1-6.
- Replaced Engine Inlet filter.
- Replaced fuel filter P/N 572744.
- Ops checks, Ground run, leak check complete.

Authorized Signature



A/P 2832999
Thomas O. Daneker

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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.)				

N502WF 12/7/2019 HOBBS 5821.7 Airframe TT 5821.7

Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel

- Installed new rear wing bolts.
- New tail spring bolts
- Patch crack in belly skin
- Installed some new bushings in trim system
- AD 06-24-10 spars due at 9800TTA
- All AD checked to this date.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.



Brian Fisher 3456526 IA

YEAR 20 _____	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 Technician or Repair Facility. (See back pages for other specific entries)
DATE				

bbé Aviation
O. Box 534
Mechanicsville, VA 23111
FLT MODEL: AT502B-34

REG NO: N502W
A/C TT: 5448.2
Engine TT: 5448.2

DATE: 07/1/19
WORK ORDER # 070119
Hobbs: 5448.2

I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.
The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.
25-hour inspection items Air Tractor AT-502A/ pgs 1-6.
Periodical Inspection 100-hour inspection items Air Tractor AT-502A/B pgs 1-6.
Performed AD 2009-11-05 visual inspection para. (ii) no defects noted. Due next 554.
Replaced fuel filter P/N 572744.
Ops checks, Ground run, leak check complete.

Authorized Signature Thomas O. Daneker A/P 283299
Thomas O. Daneker

Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 5570.5
Engine TT: 5570.5

"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.

The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

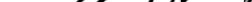
Daily inspection, preflight, walk-around inspection per Flight Manual

25 hour inspection items Air Tractor AT-502A/ pgs 1-6

Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6

Replaced fuel filter P/N 572744

Ops checks, Ground run, leak check complete.

Authorized Signature  A/P 2832999
Thomas O. Daneker

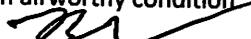
YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N502WF 12/7/2018 HOBBS 5237 Airframe TT 5237

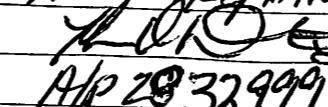
Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel

- Installed new rudder cables supplied by Air Tractor.
- Installed new rudder bearings.
- Installed new Gill batteries.
- New main tires

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition


Brian C Fisher A&P 3456526 IA

1/30/19

INSTALLED prop on N502WF
P/N 44C-6 37N-3D SN BU42199 A
Reference Hartzell M/N 61-00-39
AC TT. 5153.5 AFTER Repair by
EAST COAST, 
A/P 2832999

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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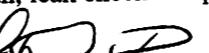
Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 5329.5
Engine TT: 5329.5

DATE: 06/15/19
WORK ORDER # 061519
Hobbs: 5329.5

I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.
The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.
25-hour inspection items Air Tractor AT-502A/ pgs 1-6.
Periodical Inspection 100-hour inspection items Air Tractor AT-502A/B pgs 1-6.
Performed AD 2009-11-05 visual inspection para. (ii) no defects noted. Due next 5429.5
Replaced fuel filter P/N 572744.
Serviced Air Conditioner with 1.0 lbs. of R134 Freon
Ops checks, Ground run, leak check complete.

Authorized Signature 
Thomas O. Daneker

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Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34
REG NO: N502WF
A/C TT: 4991.4
Engine TT: 4991.4
DATE: 08/05/18
WORK ORDER # 080518
Hobbs: 4991.4
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"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.

The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.

25 hour inspection items Air Tractor AT-502A/ pgs 1-6.

Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6.

Replaced fuel filter P/N 572744.

Ops checks, Ground run, leak check complete.

Authorized Signature  A/P 2832999
Thomas O. Daneker

Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34
REG NO: N502WF
A/C TT: 5101.5
Engine TT: 5101.5
DATE: 08/27/18
WORK ORDER # 080518
Hobbs: 5101.5
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"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.

The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.

25 hour inspection items Air Tractor AT-502A/ pgs 1-6.

Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6.

Replaced fuel filter P/N 572744.

Replaced induction air filter.

Ops checks, Ground run, leak check complete.

Authorized Signature  A/P 2832999
Thomas O. Daneker

Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

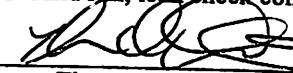
REG NO: N502WF
A/C TT: 4689.8
Engine TT: 4689.8

DATE: 05/24/18
WORK ORDER # 052418
Hobbs: 4689.8

"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.

The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.
25 hour inspection items Air Tractor AT-502A/ pgs 1-6.
Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6.
Replaced fuel filter P/N 572744.
Ops checks, Ground run, leak check complete.

Authorized Signature 
Thomas O. Daneker
A/P 2832999

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D. Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 4871.6
Engine TT: 4871.6

DATE: 07/01/18
WORK ORDER # 070118
Hobbs: 4871.6

"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.
The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.
25 hour inspection items Air Tractor AT-502A/ pgs 1-6.
Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6.
Replaced fuel filter P/N 572744.
Ops checks, Ground run, leak check complete.

Authorized Signature 
Thomas O. Daneker
A/P 2832999

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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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Crabbe Aviation
P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B-34

REG NO: N502WF
A/C TT: 4330.5
Engine TT: 4330.5

DATE: 08/04/17
WORK ORDER # 080417
Hobbs: 4330.5

"I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition.

The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual.

25 hour inspection items Air Tractor AT-502A/ pgs 1-6.

Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6.

Replaced fuel filter P/N 572744.

Ops checks, Ground run, leak check complete.

Authorized Signature



Thomas O. Daneker

NFTP 2832999

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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N502WF 1/18/2018 hobbs time 4569.8 tta 4569.8

Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel

- Installed new rear spar bolts per maintenance manual next due TTA 5569.8
- Installed new bolts in elevator bolts and strut bolts.
- Installed new tail wheel tire.
- Installed center windshield STC SA01845WI Storm shield per installation drawings 16-005-AE3301 revision 2, modification instructions. As per STC. No weight & balance change at this time.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.



Brian C Fisher 3456526 IA

YEAR 20 ____	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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The ATC Transponer tests required by FAR 91.413 have been performed and found to be in compliance with FAR 43 Appendix E

#1 Make Grain Model GTX 327 SN: 87748774
#2 Make Model SN:
Date 2-3-17 WO # P17-8352

P. L. M.

Inspector for
Heart of Virginia Aviation, Inc.
CRS# H:0R844W

HOV-1

YEAR 20 _____	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.)
DATE _____				

Crabbe Aviation

P. O. Box 534
Mechanicsville, VA 23111
ACFT MODEL: AT502B

REG NO: N502WF
A/C TT: 4227.1
Engine TT: 4227.1

DATE: 06/23/17
WORK ORDER # 06717
Hobbs: 4227.1

I certify that this Aircraft has been inspected in accordance with a 100 Hr Airframe inspection was determined to be in airworthy condition. The following items were complied with in accordance with Manufacturers Maintenance Manuals and FAR Part 43 Appendix D maintenance section.

Daily inspection, preflight, walk-around inspection per Flight Manual

25 hour inspection items Air Tractor AT-502A/ pgs 1-6.

Periodical Inspection 100 hour inspection items Air Tractor AT-502A/B pgs 1-6

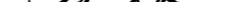
Performed AD 2009-11-05 visual inspection para. (ii) no defects noted. Due next 4327.

Replaced fuel filter P/N 572744

Removed fuel control P/N 4138008-3 S/N C75059 and reinstalled 4138008-3 S/N C75390

Serviced Air Conditioner with 3.2 lbs of R134 Freon

Ons checks. Ground run, leak check complete.

Authorized Signature  A/P 2832999
Thomas O. Danecker

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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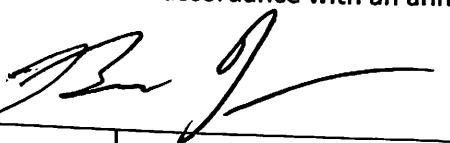
N502WF 12/17/2015 hobbs time 3481.2 tta 3481.2

- Reinstalled Starter Generator s/n 2397 after overhaul by S&T Aircraft Acc. CC2R737K wo# 55987
- Reinstalled Propeller Governor 8210-002-01 s/n 16200455 after repair by Kansas Aviation of Independence VKUR823L wo 136478.
- Reinstalled Overspeed Governor A210507 s/n 15697121 after repair by Kansas Aviation of Independence VKUR823L wo 136477.
- Reinstalled TIT Gauge s/n after overhaul by Texas Aircraft Instruments, INC HE2R869K wo 32325.
- Installed new gill G246 batteries.
- Installed new Alt. Air cable.
- Installed new rear spar bolts per maintenance manual next due TTA 4481.2

Opened inspection covers, lubed pulleys, bellcranks & hinge points. Check cables. Lubed control surface bearings. Per Airtractor Maintenance Manual. Greased tail wheel.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.

Brian C Fisher 3456526 IA



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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N502WF 1/12/2017 Hobbs time 4075.6 TTA 4075.6

- Reinstalled Starter Generator s/n 2397 after overhaul by S&T Aircraft Acc. CC2R737K wo# 55987
- Installed new main and tail landing gear springs with new hardware.
- Installed Air Tractor service kit by installing AT602 oil cooler as per service instructions.
- Installed outside right elevator bearing.
- Installed tailwheel bearings and races.
- Dynamic balanced engine and propeller with Aces Cobra II Balancer.

Opened inspection covers, lubed pulleys, bellcranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual. Greased tail wheel.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.


Brian C Fisher 3456526 IA

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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N502WF
S/N: 2646

01/30/2015
ACFT TT: 2874.2

C/W a 100hr. inspection I/A/W Air Tractor 502B Maintenance Manual and inspection guidelines. Removed starter generator for O/H and reinstalled. Removed propeller assy. for repair and reinstalled IAW Hartzell MM. Replaced induction air filter with new P/N BA409E. Cleaned, inspected and lubed wheel bearings. Inspected brake pads, discs and tires, no defects noted. Checked control cables and C/W aircraft lube. Installed Kawak Aviation technologies throttle quadrant IAW STC #SA02266SE. Checked all lights, no defects noted. C/W AD research. No applicable Ads found at this time. All work complied with IAW Air Tractor 502B Maintenance Manual. I certify that this aircraft was inspected IAW a 100hr inspection and was found to be in an airworthy condition and is returned to service.

MC Edwards

Michael C. Edwards A&P3077160

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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N502WF
S/N: 2646

01/30/2015
ACFT TT: 2874.2

I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in an airworthy condition and is returned to service.

MC Edwards

Michael C. Edwards IA 3077160

N502WF 12/17/2015 Hobbs 3481.2

Installation of STC SA01745WI Hershey Flying Service, Inc. Cable Cutting System on Main Landing Gear using installation instructions Hershey Flying Service, Inc. Doc 502-5000-02 Revision A date September 30, 2014.

Installation of AG-NAV Platinum GPS and AG-NAV Flow control unit see 337 dated this date. Weight & Balance done at this time

Brian Fisher 3456526 A&P

BF

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.)
7-3-2014	2490.5	2490.5		C/W AD 2009-11-05, dated 6-1-2009, by visual inspection of engine frame IAW Para E (1). No defects noted at this time. Due again at acft TT 2590.5 MC Edwards A&P 3077160
7-24-2014	2576.5	2576.5		N502WP 7-24-2014 Acft TT: 2576.5 Removed oil cooler and installed O/H oil cooler PN 10717C, S/N 2327. Leak checked good during ground run. C/W AD 2009-11-05, dated 6-1-2009 by visual inspection of engine frame I/A/W Para E (1). No defects noted at this time. Due again at Acft. TT: 2676.5

Michael C Edwards

Michael C. Edwards A&P3077160

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.)
	N502WF	9-09-2014	Hobbs: 2741.4 Acft TT: 2741.4	C/W AD 2009-11-05, dated 6-1-2009, by visual inspection of engine mount IAW AD instructions. No defects noted at this time. Due again at acft TT: 2841.4

MC Edwards

Michael C. Edwards A&P3077160

		11-18-14		Removed wehlan wing tip stabe and nav light assemblies. Installed Aveo Engineering Ultra Galactic Ave-wPSTR-546 Red and Ave-wPSTG-546 Green nav and strobe light assemblies. This is considered a minor alteration and was installed IAW AC-20-41A. utilizing existing wiring. Updated weight & balance D.J. Kelly AP 3110300
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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AIC MAINTENANCE, INC.

N502WF S/N: 502B-2646 HOBBS & TT 2242.9 DATE: 12/4/2013
 PERFORMED ANNUAL INSPECTION I/A/W AIR TRACTOR SERVICE
 GUIDE. COMPLETED ALL SERVICE ITEMS
 CHECKED AND LUBED ALL CONTROLS. CHECKED AND LUBED ALL
 BEARINGS.
 INSPECTED A/C DRIVE, LUBED QUILL SHAFT.
 R&R TAILWHEEL TIRE WITH NEW 500-5 10 PLY.
 R&R RH BRAKE LININGS WITH NEW 66-108.
 R&R RUDDER CABLES WITH NEW, P/N: 70095-7-500.
 R&R AIRCRAFT BATTERIES WITH NEW G-246.
 R&R START/GEN P/N 250SG111Q-2 OVERHAULED BY S & T AIRCRAFT
 ACCESSORIES. SEE W.O. #52807.
 REPLACED AIR FILTER WITH NEW P/N BA-409E
 REPLACED BOTH NOSE LANDING LIGHTS WITH NEW P/N GE4553.
 I CERTIFY THIS AIRCRAFT WAS INSPECTED I/A/W AN ANNUAL TYPE
 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION.



TRENT TEETS

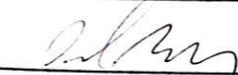
2886740IA

N502WF Acft. TT: 2300
 3/10/2014 Removed King KX155 & Indicator. Installed PS Engineering PAR200
 p/n A01029 s/n 050-228-0100 at same location. Installed Garmin
 GTX327 XPNDR p/n 010-00188-03 s/n 83748774. Installed
 TransCal Ind. Digital encoder p/n SSD120-30N 5/n N20244. All
 equipment installed IAW manufacturers installation manuals and
 IAW CH. 2 & 3 of AC43.13-2B aircraft inspection manual electrical
 load check completed IAW paragraph 27 of CH. 2 in AC43.13-2B &
 found to within limits.
 Nicholas Williams A&P 3439418

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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**The ATC Transponder tests required by FAR
 91.413 have been performed and found to be in
 compliance with FAR 43 Appendix F.**

#1 Make Garmin Model GTx 327 SN: 83748774
 #2 Make — Model — SN: —
 Date 2-24-14 WO # 914-5638



Inspector for
 Heart of Virginia Aviation, Inc
 CRS# H70R844W

HOV-104

5-10-14 2380.2 2380.2 Cleaned P39 filter & oil filter replaced
 engine entered in color, C/W AD 2009-11-05,
 dated 6-1-2009 by visual inspection
 of engine Smmc IAW Para E(1), no defects
 noted at this time. Due April @ next TT
 2480.2
 McEdwards APR 201160

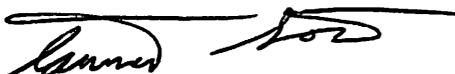
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DEVILS LAKE AERO SERVICE 701-662-4416

12/12/2012 Tach & TT 1828 N502WF

Annual Inspection IAW AT-502 MM. Inspected & Lubed controls, cables, & pulleys. Serviced brakes, batterys, & firewall filter. Installed new tail wheel tire & tube, rotated main tires, & greased all wheel bearings. No AD's do at this time. I certify that this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition.

Tanner Sotvik AP2877240IA



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.)

DEVILS LAKE AERO SERVICE 701-662-4416

6/29/2013 Hobbs & TT 1892

Removed and Replaced front windshield P/N 10502-2 sealed in with pro-seal. Installed IAW AT-502 Service Manual. Tanner Sotvik A&P 2877240



8/12/2013 Hobbs & TT 2080 N502WF

Replaced main tires & tubes with new, Replaced all Brake pads P/N 66-108. Tanner Sotvik AP2877240



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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<p>Air Tractor, Inc., 1584 Airport Road, P.O. Box 485, Olney, Texas 76374 FAA Production Approval Holder PC 2SW</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Aircraft - Total Time</th> <th>Aircraft - Flights</th> <th>Engine - Starts</th> </tr> </thead> <tbody> <tr> <td>October 10, 2008</td> <td>1.0 Hours</td> <td>3</td> <td>5</td> </tr> </tbody> </table> <p>Air Tractor Model Number AT-502B, Serial Number 502B-2646, Registration Number N502WF, was test flown in accordance with Air Tractor, Inc. Production Flight Test Procedures and Flight Test Form 1005, Revision 5/6/03. The aircraft was found to be airworthy and is in condition for safe operation.</p> <p><i>MDR</i></p> <p>Test Pilot – Michael D. Rhodes Pilot Certificate Number: 3127579</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Aircraft - Total Time</th> <th>Aircraft - Flights</th> <th>Engine - Starts</th> </tr> </thead> <tbody> <tr> <td>October 14, 2008</td> <td>1.0 Hours</td> <td>3</td> <td>5</td> </tr> </tbody> </table> <p>This aircraft complies with all applicable Air Tractor, Inc. Service Letters through Service Letter #269. This aircraft complies with all applicable Airworthiness Directives through Biweekly AD 2008-21, dated 10/13/2008</p> <p><i>Jim Pollard</i> Jim Pollard – Air Tractor, Inc.</p>				Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts	October 10, 2008	1.0 Hours	3	5	Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts	October 14, 2008	1.0 Hours	3	5
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October 14, 2008	1.0 Hours	3	5																

Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
October 14, 2008	1.0 Hours	3	5

I find that this aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate dated October 14, 2008. The next annual inspection is due by October 31, 2009.

Rodger C. Holbert
Rodger C. Holbert – DMR831158SW

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.)										
				4/15/2009 N502WF Hobbs:10.2 Installed M3 GPS with Intelliflow, installed Automatic Flagman, installed bottom load fuel, installed business band radio. See 337's and Weight and Balance changes.										
				Chad L Hanson AP 3080023IA <i>Chad L. Hanson</i>										
				<table border="1"> <tr> <td>DATE 11-19-2009</td> <td>TACH/HOBBS 413.7</td> <td>ENGINE MODEL: PT6A-34AG</td> <td>ENGINE S/N PCE-PH0451</td> <td>A/C REG. NO: N502WF</td> </tr> <tr> <td>ENG TT 413.7 A/C TT 413.7</td> <td>TSOH ENG TSHOT</td> <td>TT PROP TSHOT</td> <td>STARTS 140 FLIGHTS 529</td> <td>A/C MOD/SN 502B-2646</td> </tr> </table> <p>CHECK AND LUBED ALL CONTROLS, SERVICED BATTERIES, CLEANED FIREWALL FUEL CLEANED & INSPECTED INDUCTION AIR FILTER. CLEANED & PACKED ALL WHEEL BEARINGS. ROTATED BOTH MAIN TIRES. REPLACED RIGHT NAV LENSE & SEAL. ADJUSTED WINDSHIELD WIPER MOTOR BRACKETS. REMOVED FACTORY RT BOOM SHUT OFF AND INSTALLED KZ ELECTRIC RT BOOM SHUT OFF. REVISED WEIGHT AND BALANCE THIS DATE. INSPECTED PER AT'S OPERATORS MANUAL CHECKLIST. SEE AD LIST IN A/C PERM. LOGS I/A/W AD 2006-24-10 DUE AT TTA/C 9800</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION LOWELL MILLER AP3024870IA <i>Lowell Miller</i></p>	DATE 11-19-2009	TACH/HOBBS 413.7	ENGINE MODEL: PT6A-34AG	ENGINE S/N PCE-PH0451	A/C REG. NO: N502WF	ENG TT 413.7 A/C TT 413.7	TSOH ENG TSHOT	TT PROP TSHOT	STARTS 140 FLIGHTS 529	A/C MOD/SN 502B-2646
DATE 11-19-2009	TACH/HOBBS 413.7	ENGINE MODEL: PT6A-34AG	ENGINE S/N PCE-PH0451	A/C REG. NO: N502WF										
ENG TT 413.7 A/C TT 413.7	TSOH ENG TSHOT	TT PROP TSHOT	STARTS 140 FLIGHTS 529	A/C MOD/SN 502B-2646										

Aircraft Record General Information

Manufacturer: Air Tractor, Inc. Model Number: AT-502B

Serial Number: 502B-2646 Registration Number: N502WF

Date of Manufacture: October 14, 2008

Engine installed:

Manufacturer: Pratt & Whitney Model Number: PT6A-34AG Serial Number: PCE-PH0451

Propeller installed:

Manufacturer: Hartzell Propeller, Inc. Model Number: HC-B3TN-3D/T10282NS+4

Hub Model: HC-B3TN-3D Serial Number: BUA31187

Blade Model: T10282NS+4 Serial Numbers: K79560, K79563, K79565