

Maintenance Records Excerpts

Airframe, Engine; Power & Gas Gen, Propeller

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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GEORGE'S AIRCRAFT REPAIR, LLC

3/24/2017 AT802A-0428 N2003Y HOBBS & TT: 3041.0
 OPENED AIRCRAFT AND INSPECTED ALL CABLES, PULLEYS, AND ROD ENDS FOR CONDITION. CLEANED, INSPECTED, AND GREASED ALL WHEEL BEARINGS. GREASED AND INSTALLED NEW LOWER TAIL WHEEL HOUSING BEARING AND SEAL. INSTALLED NEW SL171 TAIL WHEEL LOCK BUSHING, LOCK PIN, AND LOCK PIN HOUSING. INSTALLED NEW TAIL GEAR FORWARD ATTACH HARDWARE AND TORQUED. INSTALLED NEW REAR SPAR BOLTS AND TORQUED. INSTALLED NEW UPPER SEAT COVER. REPLACED MISSING VORTEX GENERATOR TABS AS NEEDED. REPLACED BOTH FLAP ACTUATOR ARM ASSEMBLIES. INSTALLED NEW GATEBOX DOOR SEAL. REPLACED ELEVATOR TRIM ASSEMBLY WITH NEW. INSTALLED NEW FLAP TORQUE TUBE BEARINGS. INSTALLED O.O SINCE O/H STARTER/GENERATOR MODEL # 23078-020 SERIAL # P1221. INSTALLED NEW ENGINE AIR FILTER. SERVICED A/C WITH FREON. C/W AD 2005-13-12 BY TORQUE CHECK DUE EACH ANNUAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. END.

GEORGE'S AIRCRAFT REPAIR, LLC

3/18/2018 AT802A-0428 N2003Y HOBBS & TT: 3394.1
 OPENED AIRCRAFT AND INSPECTED ALL CABLES, PULLEYS, AND ROD ENDS FOR CONDITION. CLEANED, INSPECTED, AND GREASED ALL WHEEL BEARINGS. INSTALLED NEW TAIL GEAR AND HOUSING ATTACH HARDWARE. REPLACED WING WALK AS NEEDED. REPLACED MISSING/DAMAGED VG'S AS NEEDED. SERVICED AND INSTALLED 3 EACH NEW G246AT BATTERIES. C/W AD 2005-13-12 BY TORQUE CHECK DUE EACH ANNUAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. END.

5-15-19 Hobbs 3805.7 T.T. 3805.7 Opened aircraft and inspected all cables pulleys and rod ends. Replaced both Rudder cable's. Replaced wing walk as needed. Replaced main landing gear with New gear and attaching hardware. Replaced tailwheel bearings. Replaced tailwheel tire and tube. Replaced wind shield wiper blade. Replaced missing vortex generators as needed. See AD compliance sheet for effective A/O's at back of book. I certify that this aircraft has been inspected in accordance with an annual inspection and found to be Airworthy. End [Signature] A/I

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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GEORGE'S AIRCRAFT REPAIR, LLC

VERNON, TX 76384

6/1/2020 AT802A-0428 N2003Y HOBBS & T: 40718

OPENED AIRCRAFT AND INSPECTED ALL CABLES, PULLEYS, AND ROD ENDS FOR CONDITION. CLEANED, INSPECTED, AND GREASED MAIN WHEEL BEARINGS. GREASED AND INSTALLED NEW LOWER TAIL WHEEL HOUSING BEARING AND SEAL. INSTALLED NEW SL171 TAIL WHEEL LOCK BUSHING, TAIL WHEEL BEARINGS, AND TAIL WHEEL RACES. INSTALLED NEW LEFT MAIN TIRE. DRAINED FUEL FROM BOTH WINGS. RESEALED LEAKING FUEL BAYS IN RIGHT WING AND REPLACED LEAKING BRASS FLANGE ON LEFT WING LOWER FUEL TANK SKIN. REMOVED BOTH ENGINE EXHAUST STACKS TO REPAIR DENTS. **INSTALLED NEW FLAP TORQUE ASSEMBLY PART #70504-1.** REPLACED UPPER LEFT ENGINE VIBRATION ISOLATOR WITH SERVICEABLE. INSTALLED NEW BETA BLOCK ON PROP. REPLACED LOW FUEL PRESSURE SWITCH ON FIREWALL WITH NEW. RESECURED LOOSE VORTEX GENERATOR TABS. REPLACED SHEARED RIVETS IN LEFT WING AS NEEDED. STRAIGHTENED BENT PITOT TUBE FROM BIRD STRIKE. C/W TORQUE CHECKS IAW AIR TRACTOR MAINTENANCE MANUAL. INSTALLED O.O SINCE O/H STARTER/GENERATOR MODEL # 23078-020 SERIAL # P1384. INSTALLED NEW ENGINE AIR FILTER. SERVICED A/C WITH FREON. C/W AD 2005-13-12 BY TORQUE CHECK DUE EACH ANNUAL. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. END.

[Signature] **[Redacted]** **[Redacted]** A/T

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MIDCONTINENT 
Aircraft Corporation

FAA C.R.S. DFQR172D
Hayti, MO. 63851
Phone

MAKE AIR TRACTOR	MODEL AT-802A	SERIAL NUMBER 802A 0428	REGISTRATION N2003Y
TOTAL TIME 4282.7	TACH TIME 4282.7	TIME SINCE O/H N/A	

REMOVED DENTS FROM L/H AND R/H WING LEADING EDGES AS REQUIRED. PAINTED L/H AND R/H WING LEADING EDGES USING DELFLEET POLYURETHANE PAINT. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH AIR TRACTOR AT-802 MAINTENANCE MANUAL. PERTINENT DETAILS OF ALL WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER AS INDICATED BELOW. FINAL INSPECTION COMPLETED ON ALL WORK PERFORMED. WITH RESPECT TO WORK COMPLETED THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

W.O. 35553

2-23-2021

TOM RUSSELL

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

MAKE: AIR TRACTOR

N2003Y

HOBBS: 4367.5

MODEL: AT-802A

ENGINE MODEL: PT6A-65AG

TT: 4367.5

S/N: 802A-0428

ENGINE S/N: PCE-PN0140

DATE: 6-10-2021

- Removed all side panels, engine cowling, and inspection plates and completed an annual inspection this date
 - Completed installation of Reabe Aircraft digital hopper quantity and spray boom pressure indicating system in accordance with Drawing List 6DL, latest revision contained in STC # SA03040CH.
 - Completed installation of a Cable Cutter System/Storm Cutter Assy on the main gear legs in accordance with Installation Instructions Document Number 802-5000-02 latest revision contained with STC # SA01745WI. Included is ICA Document Number 802-5000-04 for continued airworthiness instructions. Updated aircraft weight/balance report.
 - Completed installation of new Aeronautix center windshield STC SA01845WI Storm Shield in accordance with supplied modification instruction sheet Document No. 16-005-AE3301 Rev 2. Update aircraft weight and balance report.
 - Removed and reinstalled propeller after repair at Stallings Propeller Service: see FAA Form 8130-3 dated 05-26-2021 in logs.
 - Installed factory new curved cockpit side windshields and sealed edges with PRC sealant.
 - Installed new S.S. protective tail spring guard kit. **Installed new tail spring with new attach hardware.**
 - Completed installation of new seals/bearings in spray pump.
 - Installed new rudder quadrastat and aft trim bellcrank bushings.
 - Installed new rudder hinge bearings and aft rudder cable pulleys. Reinstalled rudder and rudder horn with new attach hardware.
 - Installed new bolts/hardware at wing aft attachments.
 - Repaired fuselage turtle deck by installation of repair doubler as needed
 - Prep and painted wing and horizontal leading edges, tail struts, lower rudder, gear leg fairings, and lower aft fuselage tubing. Reinstalled tail struts with new attach hardware. Install protective clear tape on leading edges as needed.
 - Removed AMSAFE EMA and inflator bottles for replacement/overhaul.
 - Reinstalled aircraft aileron balance/interconnect system including all new factory cable assemblies, springs, pulleys and attachment arms.
 - Serviced air conditioner with Freon and checked operation.
 - Installed new threaded gate box support rods as needed.
 - Install new bearings in tail wheel.
 - All ADs in compliance at this time. See complete list in logbook bag.
 - Reinstalled all side panels, engine cowling, and inspection plates and installed missing fasteners as needed.
 - Inspection performed in accordance with FAR 43 appendix D.
- I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AN AIRWORTHY CONDITION.

Joel A Nobles AP/IA

MAKE: AIR TRACTOR INC

N2003Y

HOBBS: 4630-8

- Completed installation of STC 03/Mar/2014 and Installation M
- System Maintenance Manual I
- FAA Flight Manual Supplement
- Completed FAA Form 337 for

- Completed installation of new Form 8130-3 for each compon

Aircraft approved for return to

MAKE: AIR TRACTOR INC

N2003Y

HOBBS: 4708.8

- Completed installation of fa
- Aircraft approved for return

AG AIR AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT CORNING AR



MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4630.8	TT: 4630.8	DATE: 08-16-2021

-Completed installation of STC # SA01323CH single point fueling kit P/N 18000-101 in accordance with Installation Instructions Manual 18001 Rev D dated 03/Mar/2014 and Installation Manual #18005 Rev IR supplied with kit; see FAA Form 8130-3 Turbine Conversions dated 08-Jul-2021 in logs
 -System Maintenance Manual Rev B dated 09/21/2004 and ICA # 18006 Rev IR supplied with STC.
 -FAA Flight Manual Supplement Rev A dated 06-22-2001 attached to Aircraft Flight Manual.
 -Completed FAA Form 337 for above installation and update aircraft weight and balance information.

-Completed installation of new Amsafe Inflator Assy P/N 510184-401 and P/N 510226-401 and overhauled EMA P/N 508358-421 S/N RA15JUN21-10; see FAA Form 8130-3 for each component in logs. Completed AMSAFE diagnostic test of system components.

Aircraft approved for return to service this date for work accomplished.

Kevin Jackson P/A

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



MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4708.8	TT: 4708.8	DATE: 10-07-2021

-Completed installation of factory square edge modification kit P/N SIL# 802-0090 on elevators in accordance with Air Tractor Drawing # 30613 instructions.
 -Aircraft approved for return to service for work accomplished.

Joel Nobles

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



MAKE: AIR TRACTOR INC

N2003Y

HOBBS: 4965.8

MODEL: AT-802A

ENGINE MODEL: PT6A-65AG

TT: 4965.8

S/N: 802A-0428

ENGINE S/N: PCE-PN0140

DATE: 06-28-2022

- Completed annual inspection of aircraft this date in accordance with requirements of 14 CFR Part 43 Appendix D and using manufacturer's inspection checklist as a guide during inspection.
- Completed AD checklist and complied with all applicable AD's during annual inspection.
- Complied with Amsafe ICA by visual inspection of system, life limit check of applicable parts and diagnostic check.
- Inspected aft trim system and installed new bushings/bearings as needed to reduce excessive movement of trim tabs. Installed new rudder and elevator trim tab bushings.
- Inspected aft fuselage and controls for corroded hardware and replaced as required. Installed correct P/N NAS hardware in vertical stabilizer attachment.
- Installed and torqued new hardware, including installing new pivot bearing, at horizontal pedestal attach.
- Checked the torque of horizontal stabilizer attach eyebolts. Installed new bearing at aft location of long elevator torque tube.
- Installed new attach hardware at tail spring. Serviced swivel housing and installed new bushing/bearing.
- Removed elevators, installed new MS bearings and reinstalled with new attach hardware. Removed rudder, installed new MS bearings and reinstalled with new attach hardware.
- Lubricated elevator trim tab controls, trim drum and bearings and checked operation. Installed a new elevator trim cable.
- Installed new elevator to flap balance cable. Inspected flap hinges and installed new pivot bearings as needed.
- Installed new set of rudder cables and replaced all rudder cable pulleys.
- Installed new tail wheel tire/tube. Serviced tail wheel bearings and reinstalled wheel. Installed new centering springs. Installed new set of retread tires on main gear wheels. Serviced main landing gear wheel bearings.
- Installed new linings on R/H main gear brake calipers. Installed new oring seals in R/H fwd brake calipers.
- Inspected and function checked all navigation lights; repaired power wire at rudder nav and installed new bulb.
- Installed new AC filter in cockpit. Installed new SCAT hose for cabin vent.
- Installed new flap coupler and lubricated flap transmission.
- Installed new support brackets at turtle deck skins as needed.
- Installed new protective boots for spray/dump rods at belly skin.
- Lubricated aircraft in accordance with manufacturer's lubrication chart.
- Reinstalled fuselage panels, inspection covers and engine cowlings removed for maintenance.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

Kevin Jackson

MAKE: AIR TR

N2003Y

HOBBS: 5208.

-Completed
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MAKE: AIR TR

N2003Y

HOBBS: 5419

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

MAKE: AIR TRACTOR	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 5208.0	TT: 5208.0	DATE: 09-15-2022

-Completed installation Supplemental Type Certificate # SA02266SE which installs a lever throttle quadrant in accordance with Kawak Aviation Technologies Inc Master Drawing List as specified in AML SA02266SE. Copy of Aircraft Flight Manual and Instructions for Continued Airworthiness # KATI-MM-948 dated 04-27-2020 placed in aircraft records

Kevin Jackson [REDACTED] AP/IA

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

MAKE: AIR TRACTOR	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 5419.9	TT: 5208.0	DATE: 09-15-2022

AERO TURBINE
MAINTENANCE

AIRFRAME

LOG BOOK ENTRY

N2003Y

AFTT.5285.4 S/N 802A-0428

-Removed all side panels, engine cowlings, and with requirements of 14 CFR Part 43 Appendix
-Complied with AD 2021-05-14 dated 04-29-2021 in flap attach brackets satisfactory. Due visual inspection
-Complied with AD 2005-13-12 by installation of new annual inspection; due eyebolt replacement at 5000
-All applicable ADs in compliance: see complete
-Completed Amsafe ICA by visual inspection of
-Complied with Kawak Aviation Technologies ICA
-Complied with Turbine Conversions SPF ICA #
-Complied with Wire Cutter ICA Doc No. 802-5
-Complied with Aeronautix windshield ICA Doc
-Completed installation of AFS boom shut-off system in accordance with supplied manufacturer instructions
-Completed installation of new pair of rudder cables and pulleys. Removed rudder, installed new hinge bearings as needed and reinstalled with new attach hardware.

1. C/W AD2021-05-14 BY VISUAL INSPECTION NO DEFECTS NOTED.
2. C/W 100HR, 200HR, AND 300HR INSPECTION'S PER CH 5 OF THE 802A MM.
3. REPLACED ALL 4 WHEEL BEARINGS AND RACES. P/N 214-39412 P/N 214-39250.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN 100HR INSPECTION AND APPROVE IT FOR RETURN TO SERVICE.

Garrett Wade
A&P [REDACTED] A

CONTINUED NEXT PAGE →

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.)
<i>CONTINUED PREVIOUS PAGE</i>				

- Removed R/H horizontal and completed repair of finlet. Installed new upper/lower ribs, LE skin, repaired fiberglass tip and reinstalled.
- Prime/paint repair and horizontal skins as required.
- Completed installation of new coupler at flap motor/transmission.-Installed new stop washers for elevators as needed.
- Inspected/adjusted rigging and travel of elevator and trim tabs to factory settings.
- Removed elevators, installed new hinge bearings, and reinstalled with new attach hardware.
- Installed new shim and serviced control stick torque tube under cockpit to reduce excessive movement of tube.
- Completed installation of Kelly Manufacturing RCA 2610-3 P/N 102-0403-11-01 S/N 923A0039 with factory eight-degree tilt shim as a minor alteration to existing system in accordance with factory drawings including RC Allen Installation Guide Rev G dated 11-17-2021
- Installed new windshield wiper blade. Installed new aft/short tail wheel lock cable.
- Completed inspection of aft trim system and installed new bearings/bushings and hardware as needed to reduce excessive movement of trim tabs. Installed new MS bearings in flap arms.
- Completed torque inspection of attach hardware on horizontal pedestal.
- Completed installation of new APS rotors on main gear wheels. Installed new linings on all brake calipers. Serviced brake system reservoir and function checked brakes. Resealed brake calipers as needed by installation of new oring seals.
- Rotated L/H main gear tire to increase life. Removed main gear wheel bearings, cleaned, serviced and reinstalled.
- Removed tail wheel and installed new tire/tube. Cleaned and serviced wheel bearings.
- Inspected condition and security of deck skins. Completed repair to L/H lower deck support bracket.
- Repaired broken wire connection for R/H fuel gauge indication and function checked.
- Installed new fuel placards on wings.
- Repaired R/H aft fuselage panel with riveted .032" aluminum plate as a coupler.
- Installed new 3M non-skid as needed on aircraft including R/H MLG and access steps.
- Installed new light assembly in R/H wing nav position and function checked all navigation lighting.
- Completed engine ground run and leak check
- Reinstalled all side panels, engine cowling, and inspection plates and installed missing fasteners as needed.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

Kevin Jackson AP/IA

END

Repairs and Alterations

(Certificate Number of other specific entries.)

and reinstalled.

tilt shim as a minor
2021

movement of trim

stem reservoir and

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/IA

YEAR 20 TACH FLIGHT TIME IN Description of Inspections, Tests, and Entries must be endorsed with Name, Rating and Certificate Number of

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



MAKE: AIR TRACTOR INC
N2003Y
HOBBS: 5948.9

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 5948.9

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 05-25-2024

- Completed annual inspection of aircraft this date in accordance with requirements of 14 CFR Part 43 Appendix D and using manufacturer's inspection checklist as a guide during inspection.
 - Completed AD checklist and complied with all applicable AD's during annual inspection.
 - Complied with Amsafe ICA by visual inspection of system, life limit check of applicable parts and diagnostic check of system.
 - Complied with AD2021-05-14 by dye penetrant inspection of flap torque tube in accordance with Air Tractor Service Letter #347, no defects noted at this time.
 - Visual inspection due @ 6293.9 Aircraft TT.
 - Complied with AD2005-13-12 by checking torque on horizontal stabilizer eyebolts in accordance with Air Tractor Service Letter #129. Next due next annual. New eyebolts due @ 10419.9 Aircraft TT.
 - Removed starter generator and installed overhauled unit 300SGL153Q, s/n S00105XL. See FAA Form 8130 attached from Memphis Propeller WO# SG0524030, dated 23 May 2023.
 - Rotated main landing gear tires and greased wheel bearings.
 - Replaced control surface hinge bearings and hardware as needed.
 - Replaced trim system bearings, bushings, and hardware as needed.
 - Replaced rudder cable pulleys and left hand rudder cable.
 - Installed new flap drive coupling.
 - Replaced aft tail wheel lock cable.
 - Installed new windshield wiper blade.
 - Installed new bulb in rudder nav light.
 - Installed new air conditioner evaporator filter in cockpit.
 - Repaired panels panel stringers, and deck skins as needed.
 - Reinstalled panels after final inspection of work performed.
- I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

Joel A Noble APIA



ENGINE
TECHNICAL LOG



Pratt & Whitney Canada
A United Technologies Company

PCE-PN0140

WWW.PWC.CA



THIS PAGE IS PROVIDED FOR INSERTION BETWEEN THE BINDER
AND THE FIRST PAGE OF THE MANUAL. IT WILL PREVENT THE
PRINTED TEXT FROM ADHERING TO THE INSIDE BINDER COVER.



Pratt & Whitney Canada
A United Technologies Company

Volume #: 1Opened on: 17 AUG 2011

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.2. Type/Model/Series E.T.C. E-12 PT6A-65AG B/S: 11023. Serial Number PCE-PN0140

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
5-15-19	Hobbs 3805.7			Cleaned shroud and inspected all nozzles, red wax, seal cables and wiring cleaned and flow checked fuel nozzles, replaced fuel filter at high press pump, cleaned firewall fuel screen, drained oil and replaced oil filter, serviced with 2380 oil and test run checked for leaks. I certify that this engine has been inspected in accordance with a 100 hr inspection and found to be Airworthy.

GEORGE'S AIRCRAFT REPAIR, LLC

RNON, TX 76384

6/1/2020 AT802A-0428 N2003Y HOBBS & TT: 4071.8

PT6A-65AG S/N: PCE-PN0140 ENGINE TT: 4071.8
PERFORMED 100HR ON ENGINE THIS DATE. CLEANED AND PATTERN FLOW CHECKED FUEL NOZZLES. REPLACED AIR INLET FILTER AND CLEANED FIREWALL FUEL FILTER. REPLACED HI PRESSURE PUMP FILTER AND GREASED PROP. SERVICED BATTERIES. ENGINE LEAK CHECK SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND IS SAFE FOR RETURN TO SERVICE.

PRIME TURBINES F.A.A. Certified Repair Station No. 3A6R191B

Butler, Pennsylvania 16002 (USA)

Date: 9-15-2020	Tach/Hobbs: 4216.9	Engine Model: PT6A-65AG	Engine S/N: PC-E PN0140	Acraft Reg. No: N2003Y
Engine T.T. 4216.9			Starts: 1807 Flights: 6325	Acraft Mod/Ser No: AT802-0428

Complied with hot section inspection this date, removed following components for inspection and repairs at Prime Turbines Butler, PA facility. Cleaned & Inspected C.T. Disk Assembly P/N 3040311 S/N A0031MDK. Discovered 59 each C.T. Blades P/N 3121111-01 with corrosion, sent for evaluation & recoat under WO P3326. Replaced 59 each C.T. Blades with New P/N 3121111-01. Trued & Balanced. New O.D. 9.526". Disassembled, Cleaned & Inspected Small Exit Duct Assembly P/N 3114465-01 S/N UIRWA38D296. Discovered C.T. Vane Ring 3041961CL01 S/N HLA660A found with converging cracking around inner ring, sent for evaluation under R/O V12327. Discovered S.E.D. P/N 3114465-01 S/N UIRWA38D296 found with erosion around inner dome lip, sent for repair under R/O V12323. Discovered 20 each Shroud Segments P/N 3037347CL14 below required dimension for radial tip clearance. 2 each Seal Rings P/N 3100236-01 worn & fretted. Replaced C.T. Vane Ring with Overhauled P/N 3041961CL01 S/N AA140 F/C 6.14. Received repaired PF3037347CL15. Replaced 2 each Seal Rings with New P/N 3100236-01CP. Assembled Small Exit Duct P/N 3114465-01 S/N UIRWA38D296. Combustion Liner P/N 3055663-01 S/N FTAA007A819 discovered with cracking on inner cooling rings. Sent to Aviation Welding under R/O V12323. Received repaired Combustion Liner P/N 3055663-01 S/N FTAA007A819 in serviceable condition. Installed repaired components ground run for leak and performance test OAT 28 C BARO 30.16 FIELD ELV 3616' TQ 3400 ITT 800 NG 100 WF 90. All I.A.W. PWC MM PN 3032842 REV. 62.3 Dated 9-10-2020
MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: P3322

Authorized Signature:

AG AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR

MAKE: AIR TRACTOR INC
N2003Y
HOBBS: 4367.5

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 4367.5

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 06-10-2021

-Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new o-rings/gaskets.
-Installed new inlet air filter.
-Removed oil filter, inspected, cleaned and reinstalled filter with new o-rings.
-Removed engine fuel pump inlet filter, inspected, and reinstalled.
-Removed engine fuel pump outlet filter, inspected, and installed new filter.
-Inspected beta block and serviced batteries.
-Inspected starter generator brushes.
-Removed igniters, ops checked, and reinstalled.
-Removed chip detector, inspected, ops checked, and reinstalled.
-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.
-Serviced with Eastman 2380 turbo oil.
-Inspected and lubed engine control linkage.
-Engine ground ran, leak checked, and approved for return to service.
-Inspection performed IAW manufacturers maintenance manual.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Joel Noble

AG AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR

MAKE: AIR TRACTOR INC
N2003Y
HOBBS: 4457.0

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 4457.0

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 06-28-2021

-Installed new inlet air filter.
-Removed oil filter, inspected, and installed new PMA filter.
-Drained engine oil and serviced engine with Eastman 2380 turbo oil.
-Completed compressor wash.
-Removed engine fuel pump inlet filter, inspected, and reinstalled.
-Removed engine fuel pump outlet filter, inspected, and installed new filter.
-Inspected beta block and serviced batteries.
-Inspected starter generator brushes.
-Removed igniters, ops checked, and reinstalled.
-Removed chip detector, inspected, ops checked, and reinstalled.
-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 and lubed engine control linkage.
-Engine ground ran, leak checked, and approved for return to service.
-Inspection performed in accordance with manufacturers maintenance manual instructions.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION ITEMS AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

Sect

MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4830.8	TT: 4830.8	DATE: 08-16-2021

Removed oil filter, inspected, cleaned and reinstalled filter with new o-rings.
 -Removed engine fuel pump inlet filter, inspected, and reinstalled.
 -Removed engine fuel pump outlet filter, inspected, and installed new filter.
 -Inspected beta block and serviced batteries.
 -Inspected starter generator brushes.
 -Inspected igniters, ops checked, and reinstalled.
 -Removed chip detector, inspected, ops checked, and reinstalled.
 -Removed airframe fuel filter, inspected, cleaned, and reinstalled.
 -Removed airframe fuel filter on reinstallation of airframe fuel filter by replacing both sealing washers.
 -Complied with Air Tractor SLK361 on reinstallation of airframe fuel filter by replacing both sealing washers.
 -Serviced with Eastman 2380 turbo oil.
 -Inspected and lubed engine control linkage.
 -Engine ground run, leak checked, and approved for return to service.
 -Inspection performed IAW manufacturers maintenance manual.
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION ITEMS AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

PRIME TURBINES F.A.A. Certified Repair Station No. 3A6R191B
 16002 (USA) Main [REDACTED]
 [REDACTED] [REDACTED]
 Date: 2-17-2022
 Engine T.T. 4801.2
 Tach/Hobs: 4801.2
 Engine S/N: PC-E PN0140
 Acft. Reg. No: N2003Y
 Acft. Mod/Ser No: AT802-0428

Complied with 100 hour inspection this date. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Greased and inspected prop. R&R MM PN 3032842 Rev. 62.2 dated 5-4-2020 and Hartzell manual # 139 Rev. 13, 10/17. Ground run for leak check and IAW PWC MM PN 3032842 Rev. 62.2 dated 5-4-2020 and Hartzell manual # 139 Rev. 13, 10/17. Ground run for leak check and inspection. AD's checked and complied with this date. I certify that this engine and prop has been inspected I.A.W. a 100 hour inspection. MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this repair station under work order No: PF1419

Date: 2-17-2022

Authorized Signature:

Inspection performed in accordance with manufacturers maintenance manual instructions.
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

AERO TURBINE ENGINE LOG BOOK ENTRY

MAINTENANCE N2003Y
 AFTT.5285.4 S/N PCE-PN140

1. C/W 100HR, 200HR, AND 300HR INSPECTION'S PER CH 5 OF THE 802A MM.
2. REMOVED CLEANED AND FLOW TESTED NOZZEL ASSEMBLY. REINSTALLED AND LEAK CHECKED.
3. REMOVED CLEANED AND INSPECTED ALL ENGINE FILTERS. REINSTALLED AND GROUND RUN LEAK CHECK PERFOEMED NO DEFECTS NOTED.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN 100HR AND APPROVE IT FOR RETURN TO SERVICE.

Sect

MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4830.8	TT: 4830.8	DATE: 08-16-2021

Removed oil filter, inspected, cleaned and reinstalled filter with new o-rings.
 -Removed engine fuel pump inlet filter, inspected, and reinstalled.
 -Removed engine fuel pump outlet filter, inspected, and installed new filter.
 -Inspected beta block and serviced batteries.
 -Inspected starter generator brushes.
 -Inspected igniters, ops checked, and reinstalled.
 -Removed chip detector, inspected, ops checked, and reinstalled.
 -Removed airframe fuel filter, inspected, cleaned, and reinstalled.
 -Removed airframe fuel filter on reinstallation of airframe fuel filter by replacing both sealing washers.
 -Complied with Air Tractor SLK361 on reinstallation of airframe fuel filter by replacing both sealing washers.
 -Serviced with Eastman 2380 turbo oil.
 -Inspected and lubed engine control linkage.
 -Engine ground run, leak checked, and approved for return to service.
 -Inspection performed IAW manufacturers maintenance manual.
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION ITEMS AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4830.8	TT: 4830.8	DATE: 06-28-2022

Completed 100/300-hour engine inspection items using manufacturer's inspection checklist as a guide.
 -Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new gaskets and orings.
 -Inspected engine oil and serviced with Eastman 2380 turbo oil.
 -Removed low pressure fuel pump P/N 51076-7 S/N 58439-1 and completed installation of overhauled fuel pump.
 -Removed low pressure fuel pump P/N 82560-1-5 S/N 011070 and FCU P/N 8063-014-02 S/N 17545667 and reinstalled with new gaskets after overhaul at IAW.
 -Removed Argo Tech fuel pump P/N 82560-1-5 S/N 011070 and FCU P/N 8063-014-02 S/N 17545667 and reinstalled with new gaskets after overhaul at IAW.
 -Governor Services: see FAA Form 8130-3 dated June/2022 for RTS in logs.
 -Removed starter generator and completed installation of P/N 300SG153Q S/N S00277XL overhauled at Memphis Propeller Service: see FAA Form 8130-3 dated 01-24-2022 for RTS.
 -Removed oil filter, inspected, cleaned and reinstalled with new gaskets and orings.
 -Removed engine fuel pump inlet filter, inspected, cleaned and reinstalled.
 -Removed engine fuel pump outlet filter, inspected, and installed new filter.
 -Inspected beta block condition and rigging.
 -Inspected and serviced aircraft batteries.
 -Removed igniters, inspected condition, installed new set of Champion spark igniters/gasket, and completed function check.
 -Removed chip detector, inspected, function checked, and reinstalled.
 -Removed airframe fuel filter, inspected, cleaned, and reinstalled.
 -Complied with Air Tractor SLK361 on reinstallation of airframe fuel filter by replacing both sealing washers.
 -Inspected and lubed engine control linkage.
 -Inspected and cleaned air inlet and installed new filter.
 -Engine ground run, leak checked, and approved for return to service.
 -Inspection performed in accordance with manufacturers maintenance manual instructions.
 I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

AERO TURBINE ENGINE LOG BOOK ENTRY

MAINTENANCE N2003Y
 AFTT.5285.4 S/N PCE-PN140

1. C/W 100HR, 200HR, AND 300HR INSPECTION'S PER CH 5 OF THE 802A MM.
2. REMOVED CLEANED AND FLOW TESTED NOZZEL ASSEMBLY. REINSTALLED AND LEAK CHECKED.
3. REMOVED CLEANED AND INSPECTED ALL ENGINE FILTERS. REINSTALLED AND GROUND RUN LEAK CHECK PERFOEMED NO DEFECTS NOTED.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN 100HR AND APPROVE IT FOR RETURN TO SERVICE.

Garrett Wade
A&P

AG AIRCRAFT, INC.
CORNING MUNICIPAL AIRPORT, CORNING AR

MAKE: AIR TRACTOR
N2003Y
HOBBS: 5419.9

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 5419.9

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 05-19-2023

-Completed 100/300-hour engine inspection items using manufacturer's inspection checklist as a guide.
-Removed fuel nozzle assemblies, cleaned, inspected, flow checked and reinstalled with new gaskets and orings.
-Completed installation of three new nozzle tip/gaskets.
-Removed oil filter, inspected, cleaned and reinstalled with new gaskets and orings.
-Removed engine fuel pump inlet filter screen, inspected, cleaned and reinstalled with new orings.
-Removed engine fuel pump outlet filter, inspected, and installed new filter with new orings.
-Inspected beta block condition and rigging; installed new beta block assy.
-Inspected and serviced aircraft batteries.
-Removed starter generator P/N 3005GL153Q S/N S00277XL and completed installation of overhauled starter P/N 3005GL153Q S/N S00105XL: see FAA Form 8130-3 dated 14/Feb/2023 Memphis Propeller Service for details and RTS.
-Removed igniters, inspected condition, completed function check and reinstalled.
-Removed chip detector, inspected contents, function checked, and reinstalled.
-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 and lubed engine control linkage.
-Inspected and cleaned air inlet and inspected air filter condition.
-Engine ground run, leak checked, and approved for return to service.
-Inspection performed in accordance with manufacturers maintenance manual instructions.
I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

PRIMETURBINES
A **PAG** Company

F.A.A. Certified Repair Station No. 3A6R191B
[REDACTED] Pennsylvania 16002 (USA) Main [REDACTED]

Date: 7-15-23	Tach/Hobbs: 5588.1	Engine Model: PT6A-65AG	Engine S/N: PC-E PN0140	Airt. Reg. No: N2003Y
Engine T.T. 5588.1		Starts: Flights:	Hartzell Prop	Airt. Mod/Ser No: AT802-0428

Complied with 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Greased and inspected prop. All I.A.W. PWC MM PN 3032842 REV. 68 Dated 4-10-23 and Hartzell manual # 139 Rev. 19. 9/2021. Ground run for leak and ops check OK. AD's checked for compliance to this date. I certify that this engine and prop has been inspected I.A.W. a 100 hour inspection.
MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.
Pertinent details of the repair are on file at this repair station under work order No: **PF1618**.

L S Blake

Date: 7-15-23

Authorized Signature:

PRIMETURBINES
A **PAG** Company

F.A.A. Certified Repair Station No. 3A6R191B
[REDACTED] Pennsylvania 16002 (USA)

Date: 12-5-23	Tach/Hobbs: 5837.2	Engine Model: PT6A-65AG	Engine S/N: PC-E PN0140	Airt. Reg. No: N2003Y
Engine T.T. 5837.2		Starts: 2501 Flights: 8755	Hartzell Prop	Airt. Mod/Ser No: AT802-0428

Complied with Hot Section and 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Greased and inspected prop NYCO. Complied with hot section inspection, shipped the following parts to Prime Turbines Butler, PA facility for inspection and repairs. Cleaned and Inspected C.T. Disk Assembly P/N 3040311 S/N A0031MDK. No defects. O.D. 9.221" C.T. Disk Time since New: 5,837.2 Cycles Since New: 3126.4. Disassembled, Cleaned and Inspected Small Exit Duct Assembly P/N 3114465-01 S/N UIRWA38D296. Found Segments P/N PF3037347CL15 below minimum dimension. Replaced C.T. Shroud Segments with 20 each New P/N E3037347CL19. Reassembled Small Exit Duct Assembly. Inspected Outer Combustion Liner P/N 3055663-01 S/N FTAA007A819. Found burning and cracking around inner hub area. Outer Combustion Liner damage found beyond repair limits. Replaced Outer Combustion Liner with Overhauled P/N 3055663-01 S/N FTAA001A118. Cleaned, Inspected and Functionally Tested Fuel Nozzles. No defects. Assembled engine with repaired parts, ground run for leak test. All in ref: to PWC MM PN 3032842 REV. 69 Dated 10-9-23 and Hartzell manual # 139 Rev. 19. 9/2021. AD's checked for compliance to this date.
MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.
Pertinent details of the repair are on file at this repair station under work order No: **P4127**.

ENGINE LOG



Transport
Canada

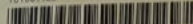
Transports
Canada

TP 14182
(Revised 05/2009)

Engine Logbook

POWER SECTION MODULE LOG BOOK

TC1001185

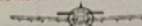


05/2009

Canada

Section 1: Record of engine maintenance and elementary work

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



MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4367.5	TT: 4367.5	DATE: 06-10-2021

- Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new o-rings/gaskets.
- Installed new inlet air filter.
- Removed oil filter, inspected, cleaned and reinstalled filter with new o-rings.
- Removed engine fuel pump inlet filter, inspected, and reinstalled.
- Removed engine fuel pump outlet filter, inspected, and installed new filter.
- Inspected beta block and serviced batteries.
- Inspected starter generator brushes.
- Removed igniters, ops checked, and reinstalled.
- Removed chip detector, inspected, ops checked, and reinstalled.
- 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.
- Serviced with Eastman 2380 turbo oil.
- Inspected and lubed engine control linkage.
- Engine ground ran, leak checked, and approved for return to service.
- Inspection performed IAW manufacturers maintenance manual.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/ANNUAL

WORTHY

Joel Nobles 38

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



MAKE: AIR TRACTOR INC	MODEL: AT-802A	S/N: 802A-0428
N2003Y	ENGINE MODEL: PT6A-65AG	ENGINE S/N: PCE-PN0140
HOBBS: 4457.0	TT: 4457.0	DATE: 06-28-2021

- Installed new inlet air filter.
- Removed oil filter, inspected, and installed new PMA filter.
- Drained engine oil and serviced engine with Eastman 2380 turbo oil.
- Completed compressor wash
- Removed engine fuel pump inlet filter, inspected, and reinstalled.
- Removed engine fuel pump outlet filter, inspected, and installed new filter.
- Inspected beta block and serviced batteries.
- Inspected starter generator brushes.
- Removed igniters, ops checked, and reinstalled.
- Removed chip detector, inspected, ops checked, and reinstalled.
- 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 and lubed engine control linkage.
- Engine ground ran, leak checked, and approved for return to service.
- Inspection performed in accordance with manufacturers maintenance manual instructions.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION ITEMS AND DETERMINED TO BE IN AIRWORTHY

Kevin Jackson

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

MAKE: AIR TRACTOR INC
N2003Y
HOBBS: 4630.8

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 4630.8

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 08-16-2021

- Removed oil filter, inspected, cleaned and reinstalled filter with new o-rings.
- Removed engine fuel pump inlet filter, inspected, and reinstalled.
- Removed engine fuel pump outlet filter, inspected, and installed new filter.
- Inspected beta block and serviced batteries.
- Inspected starter generator brushes.
- Removed igniters, ops checked, and reinstalled.
- Removed chip detector, inspected, ops checked, and reinstalled.
- 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.
- Serviced with Eastman 2380 turbo oil.
- Inspected and lubed engine control linkage.
- Engine ground ran, leak checked, and approved for return to service.
- Inspection performed IAW manufacturers maintenance manual.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION ITEMS AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

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

MAKE: AIR TRACTOR INC
N2003Y
HOBBS: 4965.8

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 4965.8

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 06-28-2022

- Completed 100/300-hour engine inspection items using manufacturer's inspection checklist as a guide.
- Removed fuel nozzle assemblies, cleaned, flow checked and reinstalled with new gaskets and orings.
- Drained engine oil and serviced with Eastman 2380 turbo oil.
- Removed low pressure fuel pump P/N 51076-7 S/N 58439-1 and completed installation of overhauled fuel pump.
- Removed Argo Tech fuel pump P/N 825601-5 S/N 011070 and FCU P/N 8063-014-02 S/N 17545667 and reinstalled with new gaskets after overhaul at Intl Governor Services: see FAA Form 8130-3 dated June/2022 for RTS in logs.
- Removed starter generator and completed installation of P/N 3005GL153Q S/N S00277XL overhauled at Memphis Propeller Service: see FAA Form 8130-3 dated 01-24-2022 for RTS.
- Removed oil filter, inspected, cleaned and reinstalled with new gaskets and orings.
- Removed engine fuel pump inlet filter, inspected, cleaned and reinstalled.
- Removed engine fuel pump outlet filter, inspected, and installed new filter.
- Inspected beta block condition and rigging.
- Inspected and serviced aircraft batteries.
- Inspected and lubed engine control linkage.
- Removed igniters, inspected condition, installed new set of Champion spark ignitors/gasket, and completed function check.
- Removed chip detector, inspected, function checked, and reinstalled.
- 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 and lubed engine control linkage.
- Inspected and cleaned air inlet and installed new filter.
- Engine ground ran, leak checked, and approved for return to service.
- Inspection performed in accordance with manufacturers maintenance manual instructions.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH REQUIREMENTS OF AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

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

MAKE: AIR TRACTOR
N2003Y
HOBBS: 5419.9

MODEL: AT-802A
ENGINE MODEL: PT6A-65AG
TT: 5419.9

S/N: 802A-0428
ENGINE S/N: PCE-PN0140
DATE: 05-19-2023

- Completed 100/300-hour engine inspection items using manufacturer's inspection checklist as a guide.
- Removed fuel nozzle assemblies, cleaned, inspected, flow checked and reinstalled with new gaskets and orings.
- Completed installation of three new nozzle tips/gaskets.
- Removed oil filter, inspected, cleaned and reinstalled with new gaskets and orings.
- Removed engine fuel pump inlet filter screen, inspected, cleaned and reinstalled with new orings.
- Removed engine fuel pump outlet filter, inspected, and installed new filter with new orings.
- Inspected beta block condition and rigging, installed new beta block assy.
- Inspected and serviced aircraft batteries.
- Removed starter generator P/N 3005GL153Q S/N S00277XL and completed installation of overhauled starter P/N 3005GL153Q S/N S00105XL: see FAA Form 8130-3 dated 14/Feb/2023 Memphis Propeller Service for details and RTS.
- Removed igniters, inspected condition, completed function check and reinstalled.
- Removed chip detector, inspected contents, function checked, and reinstalled.
- 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 and lubed engine control linkage.
- Inspected and cleaned air inlet and inspected air filter condition.
- Engine ground ran, leak checked, and approved for return to service.
- Inspection performed in accordance with manufacturers maintenance manual instructions.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

Kevin Jackson

PRIME TURBINES
A PAG Company

F.A.A. Certified Repair Station No. 3A6R191B

Pennsylvania 16002 (USA) Main

8-30-23
Engine T.T.
5760.1

Tach/Hobs:
5760.1

Engine Model:
PT6A-65AG

Starts:
Flights:

Engine S/N:
PC-E PN0140

Acft. Reg. No:
N2003Y

Acft. Mod/Ser No:
AT802-0428

Complied with 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Installed new oil filter. R&R simple pump nozzle set ref: 8130-3 WO M4R4448. Greased and inspected prop NYCO.

All I.A.W. PWC MM PN 3032842 REV. 68 Dated 4-10-23 and Hartzell manual # 139 Rev. 19, 9/2021. Ground run for leak and ops check OK. AD's checked for compliance to this date. I certify that this engine and prop has been inspected I.A.W. a 100 hour inspection.

MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.

Pertinent details of the repair are on file at this repair station.

Order No: PF1635

Authorized Signature:

Date: 8-30-23

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-B5MP-3F/M11276NS

PROPELLER S/N EVA3157

LOGBOOK # _____

Assy Ser No. EVA3157	Hydr Unit No. NA	Bulkhead No. 1104614	Valve No. NA
Blade 1: L16109	Blade 2: L16110	Blade 3: L16111	Blade 4: L16112
Clamp 1: F25683	Clamp 2: F25743	Clamp 3: F25684	Clamp 4: F25756
Blade 5: L16113	Blade 6:	Clamp 5: F25746	

Reverse -10.0	Start Lock NA	Low Pitch 13.9	High Pitch NA	Feather 83.1
Position	Orient.	Qty: Al	St	Scrw
1	F	0	2	0
1	C	0	4	0

Ref Radius (inches) for angles: 42

Comments:
Delce Kit: NA

Packing
Certified By: [Redacted] Date: 9-18-20

Inspected By: John Martin

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

PROPELLER MAINTENANCE RECORD

Position Centerline

Propeller Model HC-35MP-3F

Propeller S/N EVA3157

Blade Design M11276NS

Blade S/N's

No. 1 L16109

No. 2 L16110

No. 3 L16111

No. 4 L16112

No. 5 L16113

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather 83.1

Start Lock NA

Low 13.9

Reverse -10.0

Aircraft Manufacturer Air Tractor Inc.

Aircraft Model AT-802A

S/N 802A-0428

Registration N2003Y

3/18/2018 HOBBS: 3394.1 AT802A-0428 N2003Y
I CERTIFY THAT THIS PROPELLER HAS BEEN CLEANED, SERVICED, AND INSPECTED IAW FAR 43
APPENDIX D "100HR" CRITERIA AND/OR MANUFACTURERS INSTRUCTIONS AND WAS DEEMED
WORTHY FOR RETURN TO SERVICE. END [Redacted]

9 Hobbs 3805.7 I certify that this prop has been inspected
in accordance with a 100 hr. inspection and found to be Airworthy End [Redacted]

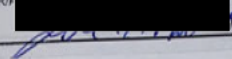
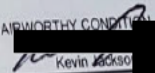
6/1/2020 HOBBS: 4071.8 AT802A-0428 N2003Y
I CERTIFY THAT THIS PROPELLER HAS BEEN CLEANED, SERVICED, AND INSPECTED IAW FAR 43
APPENDIX D "100HR" CRITERIA AND/OR MANUFACTURERS INSTRUCTIONS AND WAS DEEMED
WORTHY FOR RETURN TO SERVICE. END [Redacted]

8/11/2020 N2003Y Hobbs: 4203.3
Inspected propeller IAW a 100 HR Inspection. No defects found. This propeller is airworthy and
approved for return to service.
Grant Nokes [Redacted]

Propeller	
TSN	TSO
STALLINGS AIRCRAFT PROPELLER, LLC FAA REPAIR STATION 5JRR748C DATE <u>5-26-21</u> MODEL <u>HC-B5mp-3F</u> TOTAL TIME <u>N/A</u> S/N <u>EVA3157</u> <u>Disassembled, cleaned and visually inspected. Repaired, Resealed, Reassembled and tested. REF. FAA Approved data.</u> <u>Hartzell maintenance manual: 133C, 202A, 132A</u> <u>On file under WLO# 8479</u> 	
AG AIR AIRCRAFT, INC. CORNING MUNICIPAL AIRPORT, CORNING AR	
MAKE: AIR TRACTOR INC N2003Y HOBBS: 4367.5	MODEL: AT-802A ENGINE MODEL: PT6A-65AG TT: 4367.5
S/N: 802A-0428 ENGINE S/N: PCE-PN0140 DATE: 06-10-2021	

On file under WLO# 8479

Cody Stallings

Propeller	
TSN	TSO
AG AIR AIRCRAFT, INC. CORNING MUNICIPAL AIRPORT, CORNING AR	
MAKE: AIR TRACTOR INC N2003Y HOBBS: 4367.5	MODEL: AT-802A ENGINE MODEL: PT6A-65AG TT: 4367.5
S/N: 802A-0428 ENGINE S/N: PCE-PN0140 DATE: 06-10-2021	
-Reinstalled this propeller after repair at Stallings Propeller Service: see FAA Form 8130-3 dated 05-26-2021 in logs. Lubricated blade clamps. Completed propeller balance in accordance with DynaVibe GX series user manual instructions. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR/1000 CYCLE INSPECTION AND IS IN AIRWORTHY CONDITION.  Nobles	
AG AIR AIRCRAFT, INC. CORNING MUNICIPAL AIRPORT, CORNING AR	
MAKE: AIR TRACTOR INC N2003Y HOBBS: 4457.0	MODEL: AT-802A ENGINE MODEL: PT6A-65AG TT: 4457.0
S/N: 802A-0428 ENGINE S/N: PCE-PN0140 DATE: 06-28-2021	
-Inspected propeller in accordance with Hartzell Owner's Manual instructions. Lubricated blade clamps. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS IN AIRWORTHY CONDITION.  Kevin Nobles	

Date: _____

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



MAKE: AIR TRACTOR INC N2003Y HOBBS: 4630-8	MODEL: AT-802A ENGINE MODEL: PT6A-65AG TT: 4630-8	S/N: 802A-0428 ENGINE S/N: PCE-PN0140 DATE: 06-16-2021
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-Inspected and serviced propeller in accordance with Hartzell Owner's Manual #139.
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND IS IN AIRWORTHY CONDITION.

Kevin Jackson [Redacted] P/A

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



MAKE: AIR TRACTOR INC N2003Y HOBBS: 4965-8	MODEL: AT-802A ENGINE MODEL: PT6A-65AG TT: 4965-8	S/N: 802A-0428 ENGINE S/N: PCE-PN0140 DATE: 06-28-2022
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-Inspected propeller in accordance with Hartzell Owner's Manual Instructions. Lubricated blade clamps with Aeroshell #5 grease.
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AN ANNUAL INSPECTION AND IS IN AIRWORTHY CONDITION.

Kevin Jackson [Redacted] P/A

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



PRIMETURBINES
A PAG Company

F.A.A. Certified Repair Station No. 3A6R191B
Butler, Pennsylvania 16002 (USA) Main [Redacted]

Date: 7-15-23 Engine T.T. 5266-1	Tach/Hobbs: 5588-1	Engine Model: PT6A-65AG Starts: Hartzell Prop Flights:	Engine S/N: PC-E PN0140 Hartzell Prop	Acft. Reg. No: N2003Y Acft. Mod/Ser No: AT802-0428
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Complied with 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Greased and inspected prop. nozzle set ref: 8130-3 WO M4R4448. Greased and inspected prop NYCO.

All I.A.W. PWC MM PN 3032842 REV. 68 Dated 4-10-23 and Hartzell manual # 139 Rev. 19, 9/2021. Ground run for leak and ops check OK. AD's checked for compliance to this date. I certify that this engine and prop has been inspected I.A.W. a 100 hour inspection.

MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.

Pertinent details of the repair are on file at this repair station under work order No: **PF1618**.

Kevin Jackson [Redacted] P/A

Date: 7-15-23

Authorized Signature: _____

Date: _____

Propeller TSN TSO A/C Hrs

PRIMETURBINES
A PAG Company

F.A.A. Certified Repair Station No. 3A6R191B
Butler, Pennsylvania 16002 (USA) Main [Redacted]

Date: 12-5-23 Engine T.T. 5837-2	Tach/Hobbs: 5837-2	Engine Model: PT6A-65AG Starts: 2501 Flights: 8755	Engine S/N: PC-E PN0140 Hartzell Prop	Acft. Reg. No: N2003Y Acft. Mod/Ser No: AT802-0428
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Complied with Hot Section and 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Greased and inspected prop NYCO. Complied with hot section inspection, shipped the following parts to Prime Turbines Butler, PA facility for inspection and repairs. Cleaned and inspected C.T. Disk Assembly P/N 3040311 S/N A0031MDK. No defects. O.D. 9.221" C.T. Disk Time since New: 5,837.2 Cycles Since New: 3126.4. Disassembled, Cleaned and Inspected Small Exit Duct Assembly P/N 3114465-01 S/N UIRWA38D296. Found Segments P/N PF3037347CL15 below minimum dimension. Replaced C.T. Shroud Segments with 20 each New P/N E3037347CL19. Reassembled Small Exit Duct Assembly. Inspected Outer Combustion Liner P/N 3055663-01 S/N FTAA007A819. Found burning and cracking around inner hub area. Outer Combustion Liner damage found beyond repair limits. Replaced Outer Combustion Liner with Overhauled P/N 3055663-01 S/N FTAA001A118. Cleaned, Inspected and Functionally Tested Fuel Nozzles. No defects. Assembled engine with repaired parts, ground run for leak test. All in ref: to PWC MM PN 3032842 REV. 69 Dated 10-9-23 and Hartzell manual # 139 Rev. 19, 9/2021. AD's checked for compliance to this date.

MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.

Pertinent details of the repair are on file at this repair station under work order No: **P4127**.

[Redacted]

Date: 12-5-23

Authorized Signature: _____

PRIMETURBINES
A PAG Company

PROP LOG

F.A.A. Certified Repair Station No. 3A6R191B
Butler, Pennsylvania 16002 (USA) Main [Redacted]

Date: 8-30-23 Engine T.T. 5760-1	Tach/Hobbs: 5760-1	Engine Model: PT6A-65AG Starts: Hartzell Prop Flights:	Engine S/N: PC-E PN0140 Hartzell Prop	Acft. Reg. No: N2003Y Acft. Mod/Ser No: AT802-0428
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Complied with 100 hour inspection. Inspected 1st stage compressor blades for FOD, oil filter, chip detector, firewall fuel filter, fuel pump outlet filter, fuel pump inlet screen, P3 filter, rigging and lines. Installed new fuel pump outlet filter. Installed new oil filter. R&R simplex fuel nozzle set ref: 8130-3 WO M4R4448. Greased and inspected prop NYCO.

All I.A.W. PWC MM PN 3032842 REV. 68 Dated 4-10-23 and Hartzell manual # 139 Rev. 19, 9/2021. Ground run for leak and ops check OK. AD's checked for compliance to this date. I certify that this engine and prop has been inspected I.A.W. a 100 hour inspection.

MAINTENANCE RELEASE: The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulation and is approved for return to service.

Pertinent details of the repair are on file at this repair station under work order No: **PF1635**.

[Redacted]

Date: 8-30-23

Authorized Signature: _____