



The Standard

WACHSBERG & CO

ASA-34-1

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

Signed: ***Underwriters Salvage Company***

Date: **12/29/2025**

AIG Aerospace Adjustment Services Inc

3500 Lenox Road, Suite 1100

Atlanta, GA 30326

Date: May 1, 2023

Airframe Model No: AT-400A
Hobbs 2337.6

Registration: N3157B

Airframe Serial No: 400A-0449
TTAF: 11,323.9

Flight TIS Hobbs: 0

Cleaned and inspected the brakes. Packed main wheel bearings with grease. Accomplished minor sheet metal repairs where necessary to the aft fuselage belly fairing flange. Installed new tail wheel lock cable. Installed new fuel drain under left wing. Installed Inero Ag Pilot X GPS Guidance system. Airspeed switch and hobbs meter were installed for the purposes of AD note compliance. See FAR part 1 definition of "Time in service." New hobbs meter reads 0. AD note compliance will refer to flight time in service where applicable. Lubed the airframe.

AD search performed using FAA website. No new applicable AD notes found. Complied with AD 2021-05-14 Flap Rods by visual inspection per (g)(2), no cracks found. Next due TIS 345.0, new dye-pen. inspection due TIS 578. Complied with 2009-11-05 Engine Mount by visual inspection per (e)(1). Next due TIS 100 hours. AD 2008-09-010 Aluminum Spar Caps- No action taken per e(1)(i). Next eddycurrent due at TIS 447 hours. Replacement of spar caps due TIS 743.1. AD 2005-13-12 Stabilizer ibolts complied with per (e)(1) Next due May 2024 or TIS 100 hours, whichever occurs first. (e)(2) ibolt replacement next due TIS 664.3. AD 92-07-14 wing structure complied with by visual inspection per (a), no corrosion found. Next due May 2024.

This airplane has been inspected IAW an Annual Inspection using Part 43 Appendix D as a guide, and has been found to be Airworthy.

Tony Blum

AGP148711IA TB

YEAR:	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				

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



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

-Removed wing fuel tank covers and inspected condition of fuel tank interiors. Found contamination in R/H fuel tanks. Cleaned and resealed fuel tanks using PR1422A/B sealants and PR1005L fuel tank slosh coating. Installed new orings on fuel caps. Refill fuel tanks and determined fuel tanks leak free at this time.

-Complied with requirements of AD 2009-11-05 by visual inspection of engine mount and found condition satisfactory; due inspection again 100 hours TIS

-Removed lower panel between main landing gear for access to left and right lower wing spar cap outboard holes for cracks following Snow Engineering Co. Process Spec # 197. Eddy Current inspection was completed by Bruce Hays Certificate # 3325064 and found condition satisfactory: see inspection sheet dated 01-11-2023 in logs. Reinstalled hardware removed for inspection and reinstalled access panel.

I CERTIFY THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR WORK ACCOMPLISHED THIS DATE ONLY

KEVIN JACKSON 2802408 AP

Date: 4/19/2022	Airframe Log Entry	Reg: N3157B
Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449	
Hobbs: 2010.9	TTAF: 10997.2	

AD Statement:

All airframe ADs were verified to be current to this date within the airframe logbook record. The following were complied with:

- AD2021-05-14 - TE flap control system. Complied with IAW para (g)(1) & (g)(1)(i), found noted bracket cracked, replaced noted torque tube w/ new. Next visual inspection due in 345hrs (AFTT 11,342.2). Next dye pen inspection due in 900hrs (AFTT 11,897.2)
- AD2009-11-05 - Cracks in Engine Mount. Complied with IAW para e(3)(i), no defects noted. Next Due in 300hrs (AFTT 11,297.2).
- AD2005-13-12 - Front and rear spar of the horizontal stabilizer. Complied with IAW para e(2) & e(1) by replacing bolts w/ new. Para e(1) bolt torque next due 12 months (date: 4/2023). Para e(2) next due bolt life TIS 1350hrs, next due (AFTT 11,980.3).

Date: 4/19/2022	Airframe Log Entry	Reg: N3157B
Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449	
Hobbs: 2010.9	TTAF: 10997.2	

- AD92-07-14 - Wing Structure. Complied with IAW para (a). No corrosion noted. Next due in 12 months (4/2023).
- AD2008-09-10 - Aluminum spar caps. No action taken IAW para e(1)(i). Next inspection due (AFTT 11359.5)

Certifying Statement:

I certify that this airframe has been inspected IAW the scope and detail of Annual Inspection (14 CFR Part 43 Appendix D) and determined the airframe to be in airworthy condition.

Elijah Nelles *[Signature]* AP IA # 3655456

Date: 4/19/2022	Airframe Log Entry		Reg: N3157B
Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
Hobbs: 2010.9	TTAF: 10997.2		

Description of Work:

Airframe Annual inspection performed IAW 14 CFR Part 43 Appendix D and Air Tractor maintenance manual.

All wheel bearings were serviced, replaced MLG tires/tubes with new and replaced all RH brake linings and brake pressure plate w/ new. Retorqued main landing gear bolts and safetied. Replaced left brake caliper due to leaking w/ serviceable and bleed, topped off brake reservoir w/ mil-h-5606. A/C compressor power cable was resting on spar cap and frame wing support cluster, repositioned to over spar and attached w/ adel clamps to frame with proper clearances. Cleaned animal nest FOD out of RH wing fwd of spar, no defects noted. Firewall fuel screen was replaced with serviceable unit, flushed fuel, water and debris from fuel tanks, header tank and fuel filter bowl. Serviced RH and LH fuel tanks for leaks w/ proseal and repaired fuel sender wires and calibrated fuel quantity gauge. Cleaned fuel sumps and reinstalled. Flushed fuel to engine high pressure fuel pump till noted fuel to be clear. All flight controls and bearings were lubricated with lubriplate 130A and/or LPS1. Rudder was replaced

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Date: 4/19/2022	Airframe Log Entry		Reg: N3157B
Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
Hobbs: 2010.9	TTAF: 10997.2		

w/ serviceable aluminum rudder and ailerons were sent out for repair and reinstalled, all servos were adjusted for proper flight trim. Rigging was adjusted IAW TCDS A9SW. Elevator tail wheel lock cable was found fraying and replaced w/ new. Serviced both main ship batteries w/ distilled water. Installed new engine intake air filters. Several fuselage side panel stringers were found to not be secure, resecured hardware and welded broken stringers. Rear horizontal stabilizer struts was removed, sandblasted, inspected, primed and reinstalled. Rear fuselage had a crack forward of horizontal strut cluster, ground out crack, replaced corroded tube w/ new and spliced into place IAW AC43.13-1B, primed and painted area after corrosion removal. Door seals and hooper door seals were replaced w/ new. Cabin door latch cams, replaced pins w/ new and lubricated, ops check is good. Resealed wind screen w/ proseal. For repairs or inspections pertained to Airframes AD's, reference below for work performed. Performed aircraft post run, operational and leak check is satisfactory. All Inspection items and servicing were completed IAW Air Tractor Maintenance Manual and the applicable Code of Federal Regulations (CFR).

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YEAR:	Date: 3/22/2021		Airframe Log Entry	Reg: N3157B
DATE	Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
	Hobbs: 1644.0	TTAF: 10630.3		

AD Statement:

All airframe ADs were verified to be current to this date within the airframe logbook record. The following were complied with:

- **AD2009-11-05 - Cracks in Engine Mount.** Complied with IAW para e(3)(i), no defects noted. Next Due in 300hrs (AFTT 10930.3).
- **AD2005-13-12 - Front and rear spar of the horizontal stabilizer.** Complied with IAW para e(2) & e(1) by replacing bolts w/ new. Para e(1) next due 12 months (date: 3/2022). Para e(2) next due bolt life TIS 1350hrs, next TTAF due 11980.3.
- **AD92-07-14 - Wing Structure.** Complied with IAW para a(1). No defects noted. Next due in 12 months (3/2022).
- **AD2008-09-10 - Aluminum spar caps.** No action taken IAW para e(1)(i). Wings have calculated TIS of 2770.8hr at current TTAF. Next inspection due TTAF 11359.5.

YEAR:	Date: 3/22/2021		Airframe Log Entry	Reg: N3157B
DATE	Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
	Hobbs: 1644.0	TTAF: 10630.3		

Certifying Statement:

I certify that this airframe has been inspected IAW the scope and detail of Annual Inspection (14 CFR Part 43 Appendix D) and determined the airframe to be in airworthy condition.

Signature: Elijah Nelles  A&P IA#: 3655456

YEAR:				
DATE	Date: 3/22/2021	Airframe Log Entry	Reg: N3157B	repair
	Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
	Hobbs: 1644.0	TTAF: 10630.3		

Description of Work:

Airframe Annual inspection performed IAW 14 CFR Part 43 Appendix D and Air Tractor maintenance manual. All wheel bearings were serviced, and brake pads inspected and found satisfactory. Brake lines were replaced w/ new, both brake calipers cleaned and AN fitting sealed. Brake system was flushed and serviced w/ 5606 fluid. Firewall fuel filter was replaced with new, upper filter housing plug was drilled for installing safety wire. Fuel selector valve was found actively leaking, replaced valve w/ new and installed a new universal joint PN:MS20271-B8 on arm to allow for smoother actuation. Several fuselage side panel stringers were found to be not secure, resecured hardware and welded broken stringers. All flight controls and bearings were lubricated with lubriplate 130A and/or LPS1. Rear horizontal stabilizer bracket was removed, sandblasted, inspected, primed and reinstalled w/ new hardware and LPS3. Applied elevator tail wheel lock cable was found fraying and replaced w/ new. Rudder was removed and fabric patch was installed on left side IAW poly-fiber system MM. Right trim tab arm was removed and replaced w/ new arm. Replaced both main ship batteries w/ new PN:

YEAR:				
DATE	Date: 3/22/2021	Airframe Log Entry	Reg: N3157B	repair
	Airframe Model No.: AT-400A	Airframe Serial No: 400A-0449		
	Hobbs: 1644.0	TTAF: 10630.3		

Gill G246. Installed missing terminal boots on exposed electrical positive terminals. Installed missing smoke system injector into RH exhaust pipe to firewall. Installed new engine intake air filters. Wet compass was found dry, removed, replaced seals and topped off w/ compass fluid and reinstalled. Installed new Trig TY91 VHF transceiver and radio wiring harness IAW with Trig TY91 VHF radio installation manual #:00839-00-AA date: 11 April 2012. Trig TY91 VHF transceiver was installed in lieu of previously installed transceiver with no appreciable change to W&B and considered a minor alteration w/ accompanying FAA TSO's. Installed wing walk compound to pilot steps, LT/RT wings, landing gear and left oil cooler step. Performed aircraft post run, operational and leak check is satisfactory. All inspection items and servicing were completed IAW Air Tractor Maintenance Manual and the applicable Code of Federal Regulations (CFR).

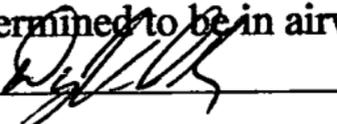
YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

Date 03-10-2019 Hobbs 1150.1 A/F TT 10136.4

I certify that this aircraft has been inspected in accordance with an annual/100HR inspection and was determined to be in airworthy condition.

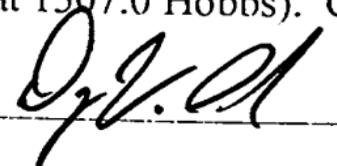
Signed  Danny Van Donselaar A/P2769760I/A

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

Date 05-05-2020 Hobbs 1407.0 A/F TT 10,393.3

Cleaned fuel bowl screen. Greased all wheel bearings, rotated tires and installed new tubes. Applied Corrosion X treatment inside of wings. Checked all lights for operation. Installed new engine intake air filters. Installed new 20238-1 rib assembly in left flap and reinstalled flap. Installed new bushings in left aileron. Complied with AD #92-07-14 by visual inspection (next due Hobbs 1507.0). Complied with AD #05-13-12 by torquing eye bolts (next due 04-2021 replace at 1507.0 Hobbs). Complied with AD #09-11-05 by visual inspection (next due Hobbs 1507.1).

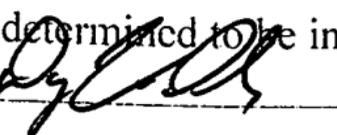
Signed  Danny Van Donselaar A/P2769760I/A

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

Date 05-05-2020 Hobbs 1407.0 A/F TT 10,393.3

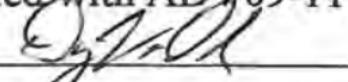
I certify that this airframe has been inspected in accordance with an annual/100HR inspection and was determined to be in airworthy condition.

Signed  Danny Van Donselaar A/P2769760I/A

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

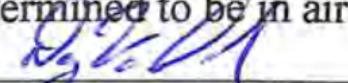
Date 04-10-2018 Hobbs 945.3 A/F TT 9931.6 10,032.7 DVD

Check controls for full travel and lubricated. Cleaned fuel bowl screen. Greased all wheel bearings. Installed new tail wheel upper cover. Installed new race and dust cover in tail wheel. Installed new flap motor. Applied Corrosion X treatment inside of wings. Checked lights for operation. Complied with AD #92-07-14 by visual inspection (next due Hobbs 1045.3). Complied with AD #05-13-12 by torqueing eye bolts (next due 04-2019 replace at 1350 Hobbs). Complied with AD #09-11-05 by visual inspection (next due Hobbs 1045.3).
Signed  Danny Van Donselaar A/P2769760I/A

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

Date 04-10-2018 Hobbs 945.3 A/F TT 9931.6 10,032.7 DVD

I certify that this aircraft has been inspected in accordance with an annual/100HR inspection and was determined to be in airworthy condition.
Signed  Danny Van Donselaar A/P2769760I/A

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

AIRFRAME LOG

Air Tractor AT-400A N3157B S/N 400A-0449

Date 03-10-2019 Hobbs 1150.1 A/F TT 10136.4

Cleaned fuel bowl screen. Greased all wheel bearings. Installed new tailwheel attach bolts (P/N AN10-21). Installed new aircraft batteries (P/N G-246). Removed Torque indicator, sent to Keystone Instruments for overhaul, reinstalled torque gage. Removed ITT gauge, sent to Covington aircraft for inspection, and reinstalled ITT gauge. Installed new rudder cables (P/N 70095-1). Checked controls for full travel and lubricated. Applied Corrosion X treatment inside of wings. Repainted wing walk. Installed pro seal B1/2 in left wing. Checked lights for operation. Installed new engine intake air filters. Installed new o rings in left brake caliper and serviced with 5606. Complied with AD #92-07-14 by visual inspection (next due Hobbs 1250.1). Complied with AD #05-13-12 by torqueing eye bolts (next due 03-2020 replace at 1350 Hobbs). Complied with AD #09-11-05 by visual inspection (next due Hobbs 1250.1).
Signed  Danny Van Donselaar A/P2769760I/A

YEAR: _____ 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.)
	N3157B			Date: 07/21/2016
	Make: Air Tractor		M/N: AT-400A	S/N: 400-0449
	Hobbs: 0632.0			AFTT: 9,868.7
	CW AD 2009-11-05, Visual Insp. of engine mounts, No cracks at this time.			
	Next Due at Hobbs: 0732.0 <i>Michael A. Dullen</i> 3836789 IA			
	N3157B			Date: 08/11/2016
	Make: Air Tractor		M/N: AT-400A	S/N: 400A-0449
	Hobbs: 0731.4			AFTT: 9,868.8
	CW AD 2009-11-05, Visual Insp. of engine mounts, No cracks at this time.			
	Next Due at Hobbs: 0831.4 <i>Benjamin M. Welton</i> 3619075 A/P			

YEAR: _____ 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.)
	N3157B			Date: 12/15/2016
	Make: Air Tractor		M/N: AT-400A	S/N: 400A-0449
	Hobbs: 0794.2			AFTT: 9,931.6
	CW AD 2009-11-05, Visual Insp. of engine mounts, No cracks at this time.			
	Next Due at Hobbs: 0894.2			
	CW AD 2005-13-12 Re-torque eye bolts.			
	Next Due 12 months.			
	Bolt replacement due at Hobbs: 1350.0			
	CW AD 92-07-14 by Visual Insp.			
	Next Due 12 months.			
	Lubricated per manual.			
	I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition. <i>Ken March</i> IA 2879333			

YEAR: _____ 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.)
	N3157B			Date: 07/20/2015
	Make: Air Tractor	M/N: AT 400A		S/N: 400A-0449
	Hobbs: 0415.9			TTAF: 9,652.6
	CW AD 2009-11-05 by visual insp. No cracks at this time.			
	Next due at Hobbs: 0515.9 <i>Michael G. Sullivan 38982632 IA</i>			
	N3157B			Date: 08/10/2015
	Make: Air Tractor	M/N: AT 400A		S/N: 400A-0449
	Hobbs: 0515.0			TTAF: 9,751.7
	CW AD 2009-11-05 by visual insp. No cracks at this time.			
	Next due at Hobbs: 0615.0 <i>Michael G. Sullivan 38982635 IA</i>			

YEAR: _____ 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.)
	N3157B			Date: 03/15/2016
	Make: Air Tractor	M/N: AT-400A		S/N: 400A-0449
	Hobbs: 0532.7			AFTT: 9,769.4
	CW AD 2009-11-05, Visual Insp. of engine mounts, No cracks at this time.			
	Next Due at Hobbs: 0632.7			
	CW AD 2005-13-12 Re-torque eye bolts.			
	Next Due 12 months.			
	Bolt replacement due at Hobbs: 1350.0			
	CW AD 92-07-14 by Visual Insp.			
	Next Due 12 months.			
	Lubricated per manual.			
	I certify that this aircraft has been inspected IAW an annual inspection			
	and was determined to be in an airworthy condition. <i>Michael G. Sullivan 7836359 IA</i>			

YEAR: _____ 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.)
	N3157B			Date: 07/29/2013
	Make: Air Tractor	M/N: AT 400A		S/N: 400A-0449
	Hobbs: 0100.0			TTAF: 9,336.7
	CW AD 2009-11-05 by visual insp. No cracks at this time.			
	Next due at Hobbs 200.0 <i>Michael A. Sullivan</i>			
	<i>389826382 IA</i>			
	N3157B			Date: 11/20/2013
	Make: Air Tractor	M/N: AT-400A		S/N: 400A-0449
	Hobbs: 0144.4			AFTT: 9,381.1
	"Aircraft flight checked on 11/20/2013 by Michael A. Sullivan pilot certificate number 389826382 in accordance with CAM 8.10-3(e) and found to be safely controllable and to operate satisfactorily with the following hopper load: 3,250 lbs. and aircraft total weight: 7,860 lbs." <i>Michael A. Sullivan 389826382</i>			

YEAR: _____ 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.)
	N3157B			Date: 11/20/2013
	Make: Air Tractor	M/N: AT-400A		S/N: 400A-0449
	Hobbs: 0144.4			AFTT: 9,381.1
	CW AD 2009-11-05, Visual Insp. of engine mounts, No cracks at this time.			
	Next Due at Hobbs: 0244.4			
	CW AD 2005-13-12, Torque eye bolts. Re-torque due 12 months.			
	Bolt replacement due at Hobbs: 1350.0			
	CW AD 92-07-14 by Visual insp. Next due 12 months.			
	Installed New: Air Filters.			
	Lubricated aircraft per manual.			
	I certify that this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition. <i>Michael A. Sullivan 389826382 IA</i>			

YEAR:

DATE

MIDCONTINENT 

Aircraft Corporation

1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D

Repair

MAKE	MODEL	SERIAL NUMBER	REGISTRATION
PRATT & WHITNEY	PT6A-15AG	PCE-14225	N3157B
TOTAL TIME	TACH TIME	TIME SINCE O/H	
5944.7	120.4	N/A	

COMPLETED INSTALLATION OF NEW ITT HARNESS BETWEEN COCKPIT AND ENGINE. VERIFIED CORRECT OPERATION WITH BARFIELD ITT SYSTEM INDICATOR. ALL MAINTENANCE PERFORMED I/A/W AIR TRACTOR, PRATT AND WHITNEY MAINTENANCE MANUALS. FINAL INSPECTION COMPLETED ON ALL WORK PERFORMED. PERTINENT DETAILS OF ALL WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER AS INDICATED BELOW. ENGINE GROUND RUN AND OPERATIONALLY CHECKED THROUGH ALL OPERATING PARAMETERS AND APPROVED FOR RETURN TO SERVICE.

W.O. 33317

7-18-2012

KEVIN JACKSON 

N3157B

Make: Air Tractor

M/N: AT 400A

S/N: 400A-0449

Hobbs: 0.0

TTAF: 9,236.7

Date: 7-15-2013

YEAR:

DATE

Installed clear view canopy per STC SA00770CH see 337.

Installed Harbour aircraft air conditioning system per STC SA09555AC see 337.

CW AD 2009-11-05 by visual insp. No cracks at this time. Next due at Hobbs 0100.0.

CW AD 2008-26-01 Installed overturn skid plate kit.

CW AD 2008-09-10 Installed Aluminum spar wings with 1,377.2 hours.

CW AD 2005-13-12 Installed new eye bolts. Re-torque due 12 months.

Bolt replacement due hobbs: 1350.0

CW AD 92-07-14 by visual insp. Next due 12 months.

Installed new: hobbs meter, windshield, side windows, windshield washer system, wheel bearings, brake linings, landing gear bolts, flight control bolts, attach hardware, and camlocs.

Installed refurbished: hopper, rudder, and elevators.

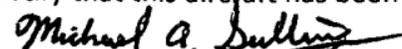
Fabricated: side panels.

Painted: tube structure and fuselage.

Lubricated aircraft per manual.

Weighted aircraft and filled out new weight and balance form.

I certify that this aircraft has been inspected IAW an annual inspection and was determined


 357926782 IP

ations

mber of Technician or Repair



Aircraft Corporation

1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D
Phone: 800-325-0885

MAKE AIR TRACTOR	MODEL AT-400A	SERIAL NUMBER 400A-0449	REGISTRATION N3157B
TOTAL TIME 9166.3	TACH TIME 50.4	TIME SINCE O/H N/A	

COMPLETED ANNUAL INSPECTION IN ACCORDANCE WITH AIR TRACTOR PERIODIC INSPECTION CHECKLIST. EDDY CURRENT INSPECTION OF LOWER SPAR CAPS TO COMPLY WITH A.D.2008-09-10 WAS COMPLETED BY QUALITY TESTING SERVICE: SEE FAA FORM 8130-3 DATED 5-3-2012. **TOTAL TIME ON WING LOWER SPAR CAPS IS 4140.3 HOURS AND IS LIFE LIMITED TO 4450.0 HOURS OR AIRCRAFT TOTAL TIME OF 9476.0.** REMOVED HOPPER/HOPPER A-FRAMES TO GAIN ACCESS TO REPAIR AREAS AND REINSTALLED WITH NEW S.S. STEEL HARDWARE. REMOVED AND REINSTALLED FWD. COCKPIT WINDOW AND ENCLOSURE PANEL FOR ACCESS AND REINSTALLED WITH NEW HARDWARE. REMOVED HOPPER GATEBOX FOR MAINTENANCE ACCESS AND REINSTALLED WITH NEW HARDWARE. INSTALLED NEW FACTORY HOPPER LOWER FIBERGLASS ENCLOSURE SKIN. REMOVED TAIL SPRING, WELD REPAIRED FWD MOUNT EAR LOCATED AT FWD TAILSPRING ATTACH POINT AND REINSTALLED SPRING WITH NEW BUSHINGS/HARDWARE. INSTALLED NEW TAIL WHEEL ASSEMBLY. INSTALLED NEW SET OF MAIN GEAR WITH NEW HARDWARE. WELD REPAIRED CRACKED R/H MLG INBD. ATTACH BUSHING. INSPECTED ALL FUSELAGE TUBING FOR CONDITION AND REPAIRED THE FOLLOWING: REMOVED CORROSION FROM R/H LONGERON LOCATED BESIDE HOPPER, REMOVED CORROSION AND REPAIRED COCKPIT FWD WINDOW R/H SUPPORT, REPAIRED R/H AFT VERTICAL TUBE, REPAIRED L/H LOWER SEAT ATTACH POINT ON FUSELAGE TUBING. REMOVED WING LOWER SPAR CAP SPLICE BLOCKS TO TREAT SURFACE CORROSION ON SPAR FACE AND REINSTALLED BLOCKS WITH NEW HARDWARE. INSTALLED NEW AFT RUDDER CABLES. SHIMMED RUDDER PEDALS AND SECURED WITH NEW

CONTINUED NEXT PAGE →

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	CONTINUED PREVIOUS PAGE			Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				HARDWARE. INSPECTED AILERON BELLCRANKS FOR CONDITION AND OPERATION. INSTALLED NEW L/H FLAP PUSH ROD BEARINGS. INSTALLED NEW BEARINGS/HARDWARE UTILIZED ON ELEVATOR/RUDDER. INSTALLED NEW TAIL WHEEL LOCK CABLE. INSTALLED NEW HORIZONTAL STABILIZER ATTACH BRACKET AND SUPPORT STRUTS WITH NEW HARDWARE. REMOVED FUEL TANK SEALANT FROM LEAKING FUEL BAYS AND REAPPLIED PRC-1422B SEALANT TO RESEAL TANKS. INSTALLED NEW FUEL BOSSES INBD. FUEL TANKS UTILIZED FOR SIDE FUEL SYSTEM. INSTALLED NEW R/H FUEL TANK OUTLET MOUNT BOSS. INSTALLED NEW FUEL HOSES LOCATED HEADER TANK TO WING FUEL OUTLET BOSSES. REPAIRED FUEL SHUT-OFF LEVER AND CHECKED OPERATION. INSTALLED NEW R/H AND L/H MAIN BRAKE ROTORS AND LININGS. INSTALLED NEW L/H AND R/H BRAKE CALIPER O-RINGS, SERVICED BRAKE SYSTEM, AND VERIFIED CORRECT OPERATION. REMOVED FUEL HEADER TANK, CLEANED TANK INTERIOR AND REINSTALLED NEW FUEL HEADER TANK QUICK DRAIN AND SUPPORT STRAPS. INSPECTED ALL FUSELAGE PANEL STRINGERS FOR CONDITION AND REPAIRED/SECURED AS REQUIRED. INSPECTED ALL BELLY SKINS FOR CONDITION, REPAIRED WITH FACTORY REPAIR MATERIAL/INSTALLED NEW HARDWARE AND REMOVED CORROSION AS REQUIRED. INSTALLED NEW VERTICAL AND HORIZONTAL STABILIZER ATTACH HARDWARE(BOLTS). INSTALLED NEW ENGINE MOUNT ATTACH BOLTS. INSTALLED NEW COCKPIT SHOULDER HARNESS. MANUFACTURED AND INSTALLED NEW FUSELAGE PANEL LOCATED AFT OF SPRAY PUMP MOUNT. INSTALLED NEW BEARINGS LOCATED ON DUMP HANDLE TORQUE TUBE. REPAIRED CRACK LOCATED TURTLE BACK. INSTALLED S.S. STEEL REPAIR MATERIAL ON ENGINE FIREWALL. INSTALLED NEW AIRCRAFT BATTERY BOXES AND REMOVED CORROSION FROM SURROUNDING AREAS. WELD REPAIRED L/H COCKPIT ACCESS STEP. SERVICED AIR CONDITIONING SYSTEM WITH REFRIGERANT, REROUTED VENT HOSES AND TESTED OPERATION. INSTALLED NEW AIRCRAFT START RELAY. INSTALLED NEW R/H STROBE POWER
				CONTINUED NEXT PAGE →

MIDCONTINENT

Aircraft Corporation

1601 Hwy 84 East
Hayti, MO. 63851
Repair Station No. DFQR172D
Phone: 800-325-0885

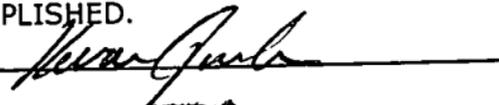
MAKE AIR TRACTOR	MODEL AT-400A	SERIAL NUMBER 400A-0449	REGISTRATION N3157B
TOTAL TIME UNK	TACH TIME .9	TIME SINCE O/H N/A	

COMPLIED WITH AIR TRACTOR SERVICE LETTER#38 BY REPLACEMENT OF AFT WING SPAR HARDWARE IN ACCORDANCE WITH INSTRUCTIONS CONTAINED IN BULLETIN. INSTALLED NEW WING ATTACH ANGLES AND HARDWARE BOTH WINGS. INSTALLED NEW CENTER HINGE BEARING ON BOTH FLAPS. INSPECTED AILERON/SERVO TAB SYSTEM BEARINGS AND INSTALLED NEW HARDWARE AS REQUIRED. REPAIRED TRAILING EDGE OF R/H ELEVATOR . REMOVED PROPELLER S/N BUA29276 FOR INSPECTION/REPAIR AT MEMPHIS PROPELLER SERVICE AND REINSTALLED IN ACCORDANCE WITH HARTZELL OWNERS MANUAL #138 AND APPLICABLE A.D.'S. COMPLETED PROPELLER BALANCE TO .04 IPS IN ACCORDANCE WITH ACES SYSTEM MODEL 2020 PROBALANCER IN ACCORDANCE WITH BALANCER INSTRUCTIONS. INSTALLED NEW CONTROL STICK CENTER PIVOT BEARINGS. ALL WORK COMPLETED IN ACCORDANCE WITH AIR TRACTOR 40 SERIES OWNERS MANUAL, APPLICABLE SERVICE BULLETIN AND MANUFACTURERS INSTRUCTIONS . FINAL INSPECTION PERFORMED OF ALL WORK ACCOMPLISHED. PERTINENT DETAILS OF ALL WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER AS INDICATED BELOW. AIRCRAFT FOR RETURN TO SERVICE FOR WORK ACCOMPLISHED.

W.O. 33157

2-28-2012

KEVIN JACKSON



#1

AIRCRAFT LOG
AL-12P

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-30-11	2784.1 46 B 151	replace Hobbsdue to stoppage TT 9115.9 AP 430067265 Michael Waller
4-25-11 TT:	2805.1	replace brake pads, grease wheel bearings, replace tail wheel bearing, replace left main tire, grease prop, replace tail nose light bulb, replace battery, replace air filters, clean fuel filter, repair skin, replace tail spring bolts, replace tail spring and bearings. I Certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Michael Waller (430067265) IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-19-09	HOBBS: 2374.8	T.T. 8706.2 Remove belly + replace belly, stop to remove corrosion + repaint, replace aileron rod end bearings, replace flap bearings, replace trim rear push pull rod, replace trim rod end bearing, repaint tail spring, replace tail section bolts, replace left wing rear attach bolt, replace right brake line, bleed right brake, pack wheel bearings, replace all nav light bulbs, serviced firewall fuel filter, replace header tank, replace fuel lines, serviced batteries, End Michael Wallin 430067265 IA
1-9-09	Hobbs: 2374.8	I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Michael Wallin 430067265 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-30-10	HOBBS: 2683.1	T.T. 9014.5 (9114.6) repair belly skin (APT) repair side panel, lubricate all pulleys, rod end bearings, repack wheel bearings, patch fabric elevator, service batteries, repair nav lights, remove corrosion and repaint APT tubing. install new side panel insulation. I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. Michael Wallin (430067265 IA)

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-15-08	8252.4	Hobbs: 1921.0 replace forward skin on middle replace tail wheel bearings repaint (AFT) tubing and tail wheel spring replaced tail wheel bearing and repaired main engine removed engine and complied with service letter 253, removed starter generator and complied with service letter GEN-PT6-024, changed fuel and oil filters, changed oil greased prop, corrosion control. I certify this aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition Chris Probst AP 3294609

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
02-15-08	8252.4	Hobbs: 1921.0 Annual inspection performed at this time all Ad's C/w service letter GEN-PT6-024 C/w I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition - End - Michael Wallin IA 43006726S

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-20-06	7580.75	Hobbs 1249.35 replace tail wheel bearings repack main wheel bearings, replace nav lite bulbs AFT, replace rudder bearing replace rudder pulleys, replace flap hinge bearing, repair panels, replace air filters replace fuselage fuel filter, replace tail wheel tire. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.
	(7680.8)	Michael Waller IA 430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-12-07	7942.6	Hobbs: 1611.2. repack main wheel bearings replace tail wheel bearings, repoint tail spring on lower truing (AFT) & repair nav lite, replace landing light bulbs replace air filters, replace seat cover. I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.
		Michael Waller IA 430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	Hobbs: 389.9	
4/29/03	TT: 6721.3	repack wheel bearings, replace tail wheel bearings, replace tail spring bolts, repair belly skin, install skid plate as per installation, replace nav-lite bulbs, replace fuel screen left tanks, repair side panels. I certify this aircraft has been inspected in accordance with an 100 hr. inspection and was determined to be in airworthy condition.
		Michael Wallin AP430067265
29 APR 03	Hobbs: 389.9 TT: 6721.3	Annual inspection performed. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.
		Scott Schullery AP515683197IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-6-04	TOT#1 Time: 6944.0 Helios 612.6	
		Clean cowser of APT longhaul (Lower) and repaint, repack wheel bearings (main) replace tail wheel bearings, replace all bolts in tail spring, sand blast tail spring, repaint, replace tail wheel lock cable, replace rear rudder cable pulleys, replace rear nav-lite bulb, replace rudder ground strap inspect wing attach angles, replace flap hinge bearings, lubricate all pulleys and rod end bearings. I certify this aircraft has been inspected in accordance with an 100 hr inspection and was determined to be in airworthy condition.
		- End - Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-30-02 Hobbs	6490.8 159.4	replace tail mounting bolts, replace tail wheel bearings and bolts, repaint tail spring and fork, replace rudder cable, replace rudder pulley (AFT) replace Right main. lite bulbs replace rear main lite bulb. replace both brake rotors, replace right main tire, replace brake pads, repack wheel bearings replace 6 246 batteries repair fuel leak, replace strainer in right wing tank. I Certify this aircraft has been inspected in accordance with an 105hr inspection (PART 43) and was determined to be in airworthy condition Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1/30/2002	6490.8	Hobbs Time: 159.4 Annual inspection performed. Annual check list in aircraft records. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time. Michael Wallin AP515683797IA
1-30-02	6490.8	install Engine S/N Pce 14225 test run all check off. Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-16-01		
	TT 6273.1	
	HOBBS: 1161.2	
		remove tail spring assy. sandblast repaint, replace tail wheel bearings, re-install on aircraft replace tail section bolts, replace rudder assist pulleys, repair fuel leak, restock main wheel bearings, replace brakes, repair rudder non-lite, repair side panel, replace power cable, repair throttle quadrant. I certify this aircraft has been inspected in accordance with an 100 hr inspection and was determined to be in airworthy condition
		End
		Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
01-16-01	Total Time 6273.1 Hobbs time 1161.2	I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time. Slotting IASIS 683797
(6431.5)		
5-30-01	910. HOBBS: 1219.5 NEW Hobbs: 0	replace labels etc. M. Wallin AP430067265
10-30-01	Hobbs: 6533.1 159.4 6533.1 6490.8	remove engine for compressor problem. S/N PCE-40093, install PCE 14225 test run - all check okay at this time. Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-7-00	TT 6106.0	<p>HOBBS: 994.1</p> <p>remove tail spring remove Corrosion repaint tail spring fork re-install with all new AN Hardware replace rudder cable pulleys, install New tail wheel bearings and races, install all AN Hardware and bushings in tail section repair rudder lite, replace elevator hing bearings, repaint left side of hopper replace left main tire replace wheel bearings and races repack right main wheel bearings lubricate all rod end bearings and pulleys, fill master cylinder with 5606 fluid replace rod end bearings on dump lever, replace rod end bearings on Aft. Torque tube</p> <p>Cont.</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		<p>replace rudder hing bearings, replace left flap hing bearings. I certify this aircraft has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition.</p> <p>Michael Skelley AP430067265</p>
2-8-2000	(6206)	
	Total Time	6106
	Hobbs Time	994.1
		<p>I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.</p> <p>IAS15685797 Scott Brady</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4/22/98	3918 H ⁶⁵⁵	Complied with S/L #156 return back to service. Michael J Wallin AP430067265
1-29-99	5919.0 TT 707.1 Hobbs	Replace tail wheel tire, replace tail wheel spring bolts, replace tail wheel bearings, replace middle pulleys, replace trim bushings and bolts, repair belly skin, replace prewall fuel filter, replace oil temp gauge, replace N9 wiring harness, comply with AD 98-25-01 as per S/B #165, replace main wheel bearings, Brake pads checked. I Certify this aircraft has been inspected in accordance with an 100hr inspection and was determined to be in airworthy cond.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Condition. Michael Wallin AP430067265
1-29-99	Total Time 5919 Hobbs Time 707.1	I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time. Scott Canby IA 515685197

INSPECTION RECORD

TURBINE AERO, INC.

CORNING, ARKANSAS

Phone 501-857-3744

Mobile 501-240-6028

Fax 501-857-5313

2-10-97

315.0

5527

Date

Hobbs

T.T.

COMPLETED AN ANNUAL INSPECTION THIS DATE I.A.W AIR TRACTOR MAINTENANCE MANUAL. REPLACED HOBBS HOUR METER THIS READING. REMOVED TAIL GEAR, INSPECTED AND PAINTED GEAR, REPLACED BEARINGS AND REINSTALLED USING NEW HARDWARE. REPLACED TAIL WHEEL LOCK CABLE AND RUDDER CABLES. REPLACED BRAKE DISC AND CALIPER O'RINGS. REMOVED CORROSION AND REPAINTED FUSELAGE TUBING AS NECESSARY. REPLACED SECTION OF BELLY SKIN JUST AFT OF HOPPER. REPAIRED FABRIC ON RUDDER. COMPLIED WITH AD 96-23-19 PER SL 140 FLAP OVER RUN MOD, AD 92-07-14 WING SPAR CAP CORROSION BY VISUAL INSPECTION, AND AD 96-24-08 BY REPLACING PARKING BRAKE VALVE. AIRCRAFT HAS UNDERGONE A FINAL INSPECTION AND IS APPROVED FOR RETURN TO SERVICE.

I Certify This Aircraft has been Inspected in accordance with AN ANNUAL inspection and was found to be airworthy.

Donald S Brewer 432112099 FA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-20-98	^{Hobbs} 3500	Removed PtW PT6-20 S/W PCE 21217, installed PtW PT6-27 S/W PCE-40093. Complied with AN ANNUAL inspection this date I/A/W Air Tractor maintenance manual. Inspected rudder cables and pulleys, inspected control surface pivot bearings and rod end bearings. Installed new wing rear spar attach bolts, replaced LH main brake line on gear leg. Replaced brake puck O'Rings. AD list checked, all applicable AD's complied with AT this time. Engine, leak checked, aircraft test flown and approved for return to service. I Certify this aircraft has been inspected in accordance with AN ANNUAL inspection and was found to be in an airworthy condition. Donald S Brewer 432112099 IA
3-27-98	371.6	Install S/W BU10224 prop on this aircraft and return back to service. Michael Wallin AP430067265

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-22-94	2866.9	I certify that This Aircraft Airframe has been inspected per Air Tractor's Manual for Annual Inspection and found to be in Airworthy Condition of J.R. Davis 466765175 I.A.
10/11/94	Aircraft Hobbs 3096.7 TTAF 5052.1	Removed engine mod: PT6A-34, S/N PLE14032 and installed engine mod: PT6A-20B, S/N 21217. Remarked engine instruments per -20 engine parameters. Revised Aircraft Flight manual and wt. + Balance. All work performed I.A.W. Air Tractor and Pratt + Whitney maintenance manuals. Ground run and all engine parameters check good. No fuel or oil leaks noted at this time. Mike Lester A#P499607467

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-15-95		annual insp c/w Removed all Panels + insp Plates insp all PushPull Rods, + Cables + Pulleys Replaced Tail wheel bearings Replaced Rt wheel bearings all AOB c/w See list, I certify that this aircraft was insp IAW an annual insp and was determined to be in Airworthy cond Hobbs 3496.7 Dennis (M) Hobbs A#P 1927638 I.A.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-16-93	2865.00	Installed Sat Loc System per installation manual CFS- inst-001, See 337-10-16-93. Revised Weight + Bal. — Chris Patton A+P 453754331 —
9-9-94	Hrs 3070.6	Removed Hopper. Inspected Per SL 40. CW SL 78 Flip Master cylinders. Found Corrosion in lower Spar caps. Replaced lower caps, and blocks with New Per SL 70. Installed New Nose Ribs and New Double leading Edge. See 337 this Date. Installed New Brake Disc and Pads. Replaced upper and Lower Bushing in Tail wheel. Reins Talled wings with New Attach Angles All New Hardware Replaced Flap Rod End & Bolt. Replaced LT, Nav Socket. Replaced wire to Rudder Nav. Replaced RT Rudder. Interconnect cable. Installed New batteries.
		<p>337 Tach indicates 3070.6 Hours</p> <p>Date 9-9-94 I certify that this powerplant/aircraft has been inspected in accordance with an annual/100 hour inspection was determined to be in airworthy condition. A D conformity checked through Card No. 94-15</p> <p>JA 585047876</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
DATE: 02-07-1995	HOBBS: 3097.5	TTAF - 5052.9
		<p>INSTALLED FREON AIR CONDITIONER KIT MANUFACTURED BY COLLINS AIRCRAFT DYNAMIC'S, INC. IN ACCORDANCE WITH SUPPLIED DRAWINGS AS APPROVED BY F.A.A. UNDER S.T.C. SA7469SW. (SEE F.A.A. FORM 337 THIS DATE). OPERA- TIONAL GROUND CHECKED OK. SEE WEIGHT AND BALANCE CHANGE UP-DATE.</p> <p>SIGNED: <u>M. K. Blalock</u> M. K. BLALOCK F.A.A. REPAIR STATION SPDR118K</p> <p>Repair Station No. SPDR118K</p>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4-12-90	425.7	Hourmeter Replaced Brake Disc & Pads Packed wheel bearings, changed Firewall Fuel Filter, Installed New Batteries. <i>Van Boudin AWP 451926546</i>	
JUNE 8, 1990	NOBBS 519.5	REMOVED PT6A-34 AG S/N PC-E 14032. INSTALLED PT6A-34 AG S/N PC-E 14032 57148. ENGINE RIGGED AS PER PRATT & WHITNEY MAINTENANCE MANUAL. ENGINE TEST RUN AND CHECKED FOR LEAKS. TEST FLIGHT SATISFACTORY <i>Van Boudin AWP 451926546</i>	
TOTAL TIME	2475		
AUGUST 19, 1990	NOBBS 2678.7	GREASED PROP, FILED & PAINTED PROP, SERVICED BATTERIES <i>Van Boudin AWP 451926546</i>	
	NOBBS 122.6		
FEB 17, 1991	NOBBS 2912.6	REMOVED PT6A-34 AG S/N PC-E 57148. INSTALLED PT6A-34 S/N PC-E 14032. INSTALLED PROPELLER AS PER AD 83-08-01 R1. REPAIRED FUSELAGE ANGLE ATTACH BUSHINGS AS PER AIR TRACTOR SERVICE LETTER # REMARKED AIRSPEED INDICATOR AS PER AIR TRACTOR	
	NOBBS 957.2		

NEXT PAGE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		SERVICE LETTER # 91. REPLACED & RESEALED BOTH CATWALKS. REPLACED BOTH AFT RUDDER CABLE PULLEYS, REPLACED BUSHINGS AND BOLTS ON TRIM TABS, REPAIRED FABRIC & RE-DOPED ELEVATORS & RUDDER, REPAIRED FUEL LEAKS AROUND ACCESS COVERS, REPLACED RH AILERON ROD END, REPLACED BOTH BRAKE DISK, REPLACED #3 LE SKIN RH, REPAIRED CRACKS IN HOPPER, REPLACED ROD ENDS ON STRET CONTROL ROD, REPLACED BULBS AS NECESSARY IN INSTRUMENTS LIGHTS. CLEANED AIR FILTERS, SERVICED BATTERIES, CLEANED & PACKED WHEEL BRES, LUBED CONTROLS & ROD ENDS. REPLACED FUEL FILTERS. <i>Van Boudin AWP 451926546</i>	
		DATE <u>FEB 17, 1991</u> TOTAL TIME TO DATE <u>2912.6</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Ray J. Bradley</i> 2231996 LT	

MAINTENANCE RECORD

F.A.R. 43.9

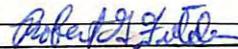
MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	
5-25-89	1920.3	Reversed Main Tires	Reinstalled L/R A/P 58504896	1-17-90	357.0	<p>I certify that this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition, clean & replace bearing in wheel cylinder & master cylinder, installed new brake lining & brake lines, recheck trim tabs & repaired leading edge, repaired side cowling installed left wing in B-clip angle.</p> <p>D. W. Reynolds A/P 1922353</p> <p>I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p>DATE 1-17-90 HR. TT 357 Total Time 2312.5</p> <p>SIGNED Donald White 14462664631</p>		
6-12-89	1948.8	Changed Both Main ^{New} Tires Installed New Tire L/R Tire Clean & Greased Fire wall Fuel Filter with New	Bearings, Replace L/R A/P 58504896					
11-27-89		Recovered Both Elevators w/ job complete 101 See 337 This Date	L/R A/P 58504896					
	1955.5	Installed new "0" ten hour meter						

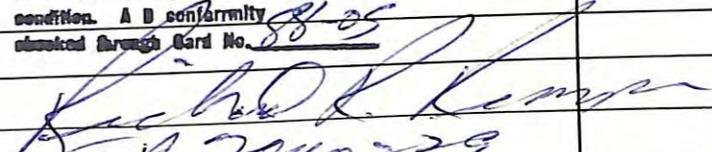
MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		DATE <u>3-10-87</u> TOTAL TIME <u>1051.5</u> I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 ANNUAL</u> HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
		 ROBERT G. FIELDER A & P 4540420521A	
		N3157B	
9-9-87		Hour Meter <u>1267.4</u> Replace Main Gear Legs + Attach Hardware with New 1's gear per Aircraft Manual. R. Rind A&P 585047896	
9-10-87		I certify that this aircraft has been flight tested with a <u>2,800* Lb</u> payload and found to perform satisfactorily. Pilot James Riley Davis James R. Davis	cert # <u>2028048</u>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
12-3-87	1374.6	Installed PT6A-15A6 Engine S/N PLE14032 After Removal of PT6A-34A6 S/N PLE56405 Test Flown, Determined to be in an Airworthy Condition. Robert E. Smedley IA 281175584	
4-13-88	1459.3	Replace All Brake Linings with 66-59. Repair Flapper door. Replace Rudder cables. Replace Percent Gauge. Clean Air-frame.	
		Tech Indicates _____ Hours Date <u>4-13-88</u> I certify that this powerplant/aircraft has been inspected in accordance with an annual/100 hour inspection was determined to be in airworthy condition. A D conformity observed through Card No. <u>8805</u>	
		 Richard K. Remon IA 2000729	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Date <u>1/28/85</u> Time in service <u>785 Hr</u> "I certify that this aircraft has been inspected in accordance with an annual 100 hr inspection and was determined to be in airworthy condition." Signature <u>Frank H. Jenner</u> Certificate type and number <u>AIP-1A 1966930</u>	
<u>2-12-86</u>	<u>Tach 863</u>	<u>Repack wheel bearings. Replace brake blocks. check all controls. Replace firewall fuel filters. I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. Carl Payne A# 2348827</u>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		Date <u>2/12/86</u> Time in service <u>863 Hr</u> "I certify that this aircraft has been inspected in accordance with an annual 100 hour inspection and was determined to be in airworthy condition." Signature <u>Frank H. Jenner</u> Certificate type and number <u>1A 1966930</u>	
<u>Dec 11, 1986</u>		<u>Installed PT6A-34AG Engine S/N PCE 56405</u>	
<u>Hobbs 996.0</u>		<u>Removed PT6A-2 S/N PCE 22022</u>	
		<u>Aircraft Test Flown Test OK and Determined to be in Airworthy condition</u>	
		<u>Robert Smalley I# 241175584</u>	
<u>3-10-87</u>	<u>1051.5</u>	<u>I certify that this aircraft has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition, replace tail wheel steering bushing & all new tail wheel spring bolts, repainted tail struts & landing gear</u>	
		<u>100% Rebuilt A/K# 2353</u>	

NEXT PAGE

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4-30-83	333	Check torque on L.G. Bolts Check Controls & Cables	<i>Neal Moreman</i> IA 1035289
		DATE <u>4-30-83</u> HOURS <u>333</u>	
		I CERTIFY THAT THIS AIRCRAFT 5000 HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
		<i>Neal Moreman</i> IA 1035289	
8-30-83	344	ITT Indicator P/N 159871 S/N AF561024 Recertified By Castleberry Instrument under their W/O 114949	
		All Pertinent details of this repair are on file at this repair station under W/O # <u>1110</u> Date <u>8-30-83</u> Insp. <u>Allen S. Jemmons</u> Ag Central, Inc. Rt. 10 Box 254A CRS 207-675 Lubbock, Texas 79404 806-745-5181	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
12-1-83	344.9	I certify this Aircraft/Engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. All pertinent details are on file at this agency under W.O. No. <u>1149</u> Insp. Allen S. Jemmons Date <u>12-1-83</u>	Ag Central, Inc. Rt. 10 Box 254A CRS 207-675 Lubbock, Texas 79404 806-745-5181
5-19-84	604	A.D. 82-6-12 C/W. SEE LAST PAGE.	<i>Carl R. Lynn</i> AIP 2348827
6-8-84	649	INSTALLED TWO NEW G-246 BATTERIES	<i>Carl R. Lynn</i> AIP 2348827
1-2-85	785	INSTALLED NEW RIGHT + LEFT MAIN GEAR TIRES. INSTALLED NEW BRAKE DISC + BLOCKS LEFT ^{RIGHT} SIDE. REPACKED WHEEL BEARINGS. REPLACED FIREWALL FUEL FILTER ELEMENT (CS-133 PL). CHECKED CONTROLS & CABLES. WASHED AIRCRAFT AND LUBRICATED CONTROLS AND ROD END BEARINGS. — END —	
		I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <i>Carl R. Lynn</i> AIP 2348827 — Jan 2, 1985 —	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/13/82	1.5	Aircraft Test flown in accordance with Air Tractor form 100 1 and found to be satisfactory. Pilot <u>Lam Cooke</u> License No. <u>526936</u>	
4/13/82	1.5	Aircraft inspected and found to be airworthy. Special Airworthiness Certificate issued <u>April 13, 1982</u> Signed <u>[Signature]</u> DMIR-SW-5084	
		All Service Letters Thru #42 incorporated	

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Pratt & Whitney PT6A-20		R PCE 22022 L
PROPELLER	Hartzell HC-B3TN-3D/T10282 + ♀	Hub Blade	BU 14839 F17302 F17865 F17861
Engine	Pratt & Whitney PT6A-34AG		PCE 56405
	See Page 29		
Engine	Pratt & Whitney	PT6A-15AG	PCE 14032

AIRCRAFT DESCRIPTION

MANUFACTURER Air Tracton Inc. MODEL AT-400A DATE OF MFG. April, 1982
SERIAL NUMBER 400A-0449 REGISTRATION NUMBER N3157B

Inspection Status

[Check one]

F.A.R. 91.169 ANNUAL/100 HOUR

F.A.R. 91.71 PROGRESSIVE

F.A.R. 91.217 SUBPART D

F.A.R. 135.60 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

