



*The Standard*

**AIRCRAFT LOG**

**ASA-SA-2**

The subject aircraft was involved in an incident / accident on 7/15/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 5768744964US.

Signed: ***Underwriters Salvage Company***

Date: **11/24/2025**

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

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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REG #: N647RA  
SN: 402B-1248  
Date: 09/30/2024

Hobbs: 72.8  
ACTT: 2778.2  
Flights: 104  
Starts: 20

#### AIRFRAME LOG ENTRY

##### INSPECTION:

- Completed an Annual Inspection of the aircraft using Air Tractor Inc., 402B Series Maintenance Manual Inspection Checklist and 14 CFR 43 Appendix D as a guide.
- Completed all **100 Hour, 200 Hour, 300 Hour, and 12 Month** Inspection items in accordance with Air Tractor Inc., 402B Series Maintenance Manual Routine Maintenance Inspection Checklist.

##### COMPONENT REPLACEMENT/OVERHAUL:

- Complied with **12 Month/600 Hour** Inspection/Replacement of tail wheel spring forward bolt. Installed new bolt P/N AN6-17A in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
- Complied with **2000 Hour** flap bearing replacement at aft end of flap push rod. Installed new rod end assembly's P/N RE4M6 in accordance with Air Tractor Inc., 402B Series Maintenance Manual.

##### MAINTENANCE:

- Installed new induction air filter P/N BA-409E in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
- Installed overhauled turn coordinator P/N 1394T100-7B S/N L11-10233 in accordance with Air Tractor Inc., 402B Series Maintenance Manual. Reference FAA Form 8130-3 from Nu-Tek Aircraft Instruments Inc. (CRS# TO2R194L) under W/O# 34608, dated 09/30/2024 for details.
- Installed new fuel cap O-rings P/N MS29513-010 and MS29513-232 in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
- Installed 2 ea. new Gill aircraft batteries P/N G-246 S/N's G03219886 and G03219887 in accordance with Air Tractor Inc., 402B Series Maintenance Manual and Gill Battery Instructions For Continued Airworthiness Document TBP 1560 Rev. H.

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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##### SERVICE INFORMATION:

- Complied with Air Tractor Service Letter #347 Rev. A (Effective Date 12/09/2019) Inspection of Flap Torque Tube Assembly. Complied with Visual and Dye inspection of flap torque tube assembly in accordance with Service Letter #347 steps 4A(1) through 4A(5) and 4B(1) and 4B(11); no discrepancies were noted at this time. Next Inspection due at ATT: 3078.2. Dye Penetrant Inspection next due at ATT: 3678.2. Type II Visible Dye used.
- Complied with Air Tractor Service Letter #387 Rev. A (Effective Date 10/26/2021) Inspection of Aft Wing Spar. Inspected both wing aft spars in accordance with instructions contained in Service Letter #387; no discrepancies noted at this time. Inspection next due at annual inspection.

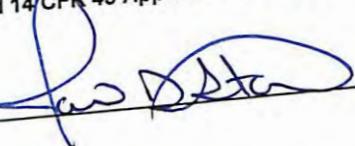
##### AIRWORTHINESS DIRECTIVES:

- Complied with AD 2009-11-05 (Effective Date 06/01/2009) Inspection of Engine Mount. Inspected engine mount in accordance with instructions contained in AD 2009-11-05; no discrepancies were noted at this time. Inspection next due at annual inspection.
- Complied with AD 2021-05-14 (Effective Date 04/29/2021) Inspection of Flap Torque Tube Assembly. Complied with Visual and Dye inspection of flap torque tube assembly in accordance with Service Letter #347 steps 4A(1) through 4A(5) and 4B(1) and 4B(11); no discrepancies were noted at this time. Next Inspection due at ATT: 3078.2. Dye Penetrant Inspection next due at ATT: 3678.2. Type II Visible Dye used.
- Researched applicable Airworthiness Directives through Biweekly 2024-20. Reference TBX Airworthiness Directive Work Sheets for a complete listing of compliance of Airworthiness Directives.

END

I certify this AIRCRAFT has been inspected in accordance with an Annual Inspection per FAA Regulation 14 CFR 91.409 (f) (3) using the manufacturer's inspection program and 14 CFR 43 Appendix D and is determined to be in airworthy condition and approved for return to service.

SIGNED



Jason D Staver 3031805 IA

16. Installed the following new parts into the aircraft air conditioning system; Evaporator Coil P/N 60734-2, Expansion Valve P/N 60735-1, Receiver Dryer P/N 62337-1, Condenser Coil P/N 60732-2, 2ea. Condenser Fans P/N 14-4011B1-24V, and 3 new fresh air ducts P/N 60905-25, 60905-13, 60905-14, 60905-2, and 60905-3 in accordance with Air Tractor Inc. 402B Series Maintenance Manual. IS  
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17. Installed new tail wheel bushings P/N 40024-1 and 40023-1 and swivel plate P/N 40018-2 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

18. Installed new tail wheel fork assembly P/N 40040-9 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

19. Installed new tail wheel steering lock pin P/N 40021-1 and new tail wheel steering lock bushing P/N 40154-1 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

20. Installed new spray control valve boot P/N 80132-1 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

21. Installed new airbox to engine mount clamp P/N 60488-1 on left side in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

22. Installed new left fuel tank lower forward flange P/N 20195-1 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

**SERVICE INFORMATION:**

23. Complied with Air Tractor Service Letter #347 Rev. A. (Effective Date 12/09/2019) Inspection of Flap Torque Tube Assembly. Complied with Visual inspection of flap torque tube assembly in accordance with Service Letter #347 steps 4A(1) through 4A(5); no discrepancies were noted at this time. Next Inspection due at ATT: 3005.4. Dye Penetrant Inspection next due at ATT: 3313.2. Type II Visible Dye used.

24. Complied with Air Tractor Service Letter #387 Rev. A (Effective Date 10/26/2021) Inspection of Aft Wing Spar. Inspected both wing aft spars in accordance with instructions contained in Service Letter #387; no discrepancies noted at this time. Inspection next due at annual inspection.

**AIRWORTHINESS DIRECTIVES:**

25. Complied with AD 2009-11-05 (Effective Date 06/01/2009) Inspection of Engine Mount. Inspected engine mount in accordance with instructions contained in AD 2009-11-05; no discrepancies were noted at this time. Inspection next due at annual inspection.

26. Complied with AD 2021-05-14 (Effective Date 04/29/2021) Inspection of Flap Torque Tube Assembly. Complied with Visual and Dye inspection of flap torque tube assembly in accordance with Service Letter #347 steps 4A(1) through 4A(5); no discrepancies were noted at this time. Next Inspection due at ATT: 3005.4. Dye Penetrant Inspection next due at ATT: 3313.2. Type II Visible Dye used.

27. Researched applicable Airworthiness Directives through Biweekly 2024-06. Reference Aircraft Technical Publishers Airworthiness Directive Work Sheets for a complete listing of compliance of Airworthiness Directives.

I certify this AIRCRAFT has been inspected in accordance with an Annual Inspection per FAA Regulation 14 CFR 91.409 (f) (3) using the manufacturer's inspection program and 14 CFR 43 Appendix D and is determined to be in airworthy condition and approved for return to service.

SIGNED

Jason D Staver 3031805 IA

REG #: N647RA SN: 402B-1248 Hobbs: 4.8 ACTT: 2710.2 Date: 05/20/2024

**AIRFRAME LOG ENTRY**

1. Installed overhauled Inter-Turbine Temperature Gauge (ITT) P/N 561-40008 S/N 551 in accordance with Air Tractor Inc., 402B Series Maintenance Manual. Completed all required functional checks; no discrepancies noted at this time. Reference FAA Form 8130-3 from Ahlers Aerospace Inc. (CRS# D1WR074O) under W/O# N647RA, dated 05/15/2024 for details.
2. Installed new oil temperature gauge P/N 51489-1 S/N 002 and new oil temperature bulb P/N 02017-1 in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
3. Installed new Air Conditioning System Trinary Switch P/N 91311-1 and new Receiver Dryer P/N 62337-1 in accordance with Air Tractor Inc., 402B Series Maintenance Manual. Serviced Air Conditioning System with R134a Freon as required in accordance with Air Tractor Inc., 402B Series Maintenance Manual.

END

I certify this maintenance has been inspected and is determined to be in airworthy condition with respect to work performed. Pertinent details are on file under the noted work order number.

SIGNED

Jason D Staver 3031805 IA

YEAR  
20  
DATE

RECORDING  
TACH  
TIME  
TODAY'S  
FLIGHT  
TOTAL  
TIME IN  
SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of  
Technician or Repair Facility. (See back pages for other specific entries.)

*SERVICED BATTERIES. ACCOMPLISHED  
S/L A.C. DRIVE PAD TEST RAN (O.K.)  
I CERTIFY THIS AIRCRAFT IS AIRWORTHY  
IN RESPECT TO THE WORK PERFORMED  
Theoton R. D. 3409233 I/A*

REG #: N647RA  
SN: 402B-1248  
Date: 04/02/2024

Hobbs: 0.0  
ACTT: 2705.4  
Flights: 179  
Starts: 31

ns  
of  
s.)

AIRFRAME LOG ENTRY

**INSPECTION:**

1. Completed an Annual Inspection of the aircraft using Air Tractor Inc., 402B Series Maintenance Manual Inspection Checklist and 14 CFR 43 Appendix D as a guide.
2. **Installed new Hour Meter P/N 85006-03 in accordance with Air Tractor Inc., 402B Series Maintenance Manual. Old Hour meter reading was 2705.4: New hour meter reads 0.0.**
3. Completed all 100 Hour, 200 Hour, 300 Hour, and 12 Month Inspection items in accordance with Air Tractor Inc., 402B Series Maintenance Manual Routine Maintenance Inspection Checklist.

**COMPONENT REPLACEMENT/OVERHAUL:**

4. Complied with 12 Month/600 Hour Inspection/Replacement of tail wheel spring forward bolt. Installed new bolt P/N AN6-17A in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
5. Complied with 1350 Hour Inspection/Replacement of horizontal stabilizer Eye Bolts. Installed all new Eye Bolts P/N AN47-22A in accordance with Air Tractor Inc., 402B Series Maintenance Manual. No discrepancies noted at this time.
6. Complied with 1000 Hour inspection/Replacement of forward spar angle to wing tube bolt replacement. Installed new bolts through forward attach angles and wing tube structure as required in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
7. Complied with 1500 Hour Inspection/Replacement of flap transmission. Installed new flap transmission P/N 20112-504 and new flap motor P/N C145-355 in accordance with Air Tractor Inc., 402B Series Maintenance Manual.

**MAINTENANCE:**

8. Installed new induction air filter P/N BA-409E in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
9. Removed and reinstalled hopper tank for clean up of Sulphur dust build up and to complete maintenance in the hopper.
10. Installed 2ea. "As Removed" Serviceable wing tip strobe light power supply assembly's P/N 01-0770006-08, one in each wing tip in accordance with Air Tractor Inc., 402B Series Maintenance Manual. Reference Texas Air Salvage paperwork.
11. Installed new left and right rudder cable assembly's P/N 70095-1 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.
12. Installed new brake pads P/N 066-10800 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.
13. Installed all new circuit breakers and switches in the instrument panel due to Sulphur contamination in accordance with Air Tractor 402B Series maintenance Manual.
14. Installed new Ground Bus on firewall P/N MS27212-2-4 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.
15. Installed new bolts and bushings in rudder pedal pivot points P/N 71015-1 and 71089-1 in accordance with Air Tractor Inc. 402B Series Maintenance Manual.

1053 N. Eastern Ave, Brawley, CA 92227

YI	Date: 10/13/2022	Reg. No: N647RA
20	Hobbs time: 2479.7	
DI	TSN: 2479.7	

Make: Air Tractor
Model: AT-402B
SN# 402-B-1248

Removed and replaced both Aircraft Batteries, with NEW GILL G-246AT Batteries (sn's G03151099 & G03151121), after C/W GILL Battery Activation and Charging Instructions. Work was performed in reference to Air Tractor AT-402A/402B Maintenance Manual. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 4/1/2023	Reg. No: N647RA
Hobbs time: 2520.7	
TSN: 2520.7	

Make: Air Tractor
Model: AT-402B
SN# 402-B-1248

Performed a Annual Inspection in ref. to the Air Tractor AT-402A/402B checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. Removed, inspected, cleaned and reinstalled the X Flow inlet air filter. Replaced the Eye Bolt (pn AN42B-4A) on the Rudder Boost Tab Assy. All ADs C/W and up to date, see AD compliance record for compliance details. I certify that this aircraft has been inspected IAW ANNUAL insp. and to be in Airworthy condition with respect to the work performed and is ready to returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 6/16/2023	Reg. No: N647RA
Hobbs time: 2591.7	
TSN: 2591.7	

Make: Air Tractor
Model: AT-402B
SN# 402-B-1248

Performed a 100hr Inspection in ref. to the Air Tractor AT-402A/402B checklist. Lubricated flight control cables and pulleys. Replaced the Tail Wheel Housing upper bushing (pn 40024-1) & lower bushing (pn 40023-1), and Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. Removed, inspected, cleaned and reinstalled the X Flow inlet air filter. Replaced all 5 Elevator Bearings, & all 3 Rudder Bearings (pn MS14104-4), with all new hardware. Replaced 3 VGs on the R/H wing & 3 on the L/H wing (pn 1002). Replaced the R/H Brake Master Cylinder (pn 10-23F), Ops Ck. good at this time. All work was done in ref. to the Air Tractor AT-402/402B Maintenance Manual. All

ADs C/W and up to date, see AD compliance record for compliance details. I certify that this aircraft to be in Airworthy condition with respect to the work performed and is ready to returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

2591.7 6-20-2023

installed prop model # HC-B3TN-3D/T10282054  
SERIAL # BUA33419. Balanced prop to less  
than .04 IPS

2591.7 6-22-23

INSTALLED KAWAK THROTTLE  
QUADRANT USING STC SA02266SE  
INSTALLED NEW BRAKE PADS RIGHT  
SIDE. INSTALLED NEW REAR SPAR  
WING BOLTS BOTH SIDES OVER →

YEAR <b>20</b>	RE TA <b>TII</b>	MAKE: Air Tractor MODEL: AT-402B S/N: 402B-1248 REG. NO: N647RA WORK ORDER: 4745-08-2021	Valley Air Crafts. P.O. BOX 566 Tulare, California 93275 Phone: 559-686-7401	DATE 3/26/2021 A/C TSN 2374.1 HOBBS 2374.4	<b>Ind Alterations</b> Indicate Number of specific entries.)
Airframe Entries					
(1) Installed new X Flow inlet air system as per Air Tractor SL 4365. See FAA form 337 this date. No change to the aircraft weight and balance data. (2) Installed new VG's as needed. (3) Drained all of the fuel and calibrated a fuel dip stick. Aircraft fuel gages working normally					
DATE: 3/26/2021		SIGNED: 		Work Order 4745-08-2021 Michael Schoenau, IA: 3262337 Printed by EBis 3 (datcomedia.com)	

1053 N. Eastern Ave, Brawley, CA 92227	Date: 3/31/2022	Reg. No: <b>N647RA</b>	Make: Air Tractor
	Hobbs time: 2413.2		Model: AT-402B
	TSN: <b>2413.2</b>		SN# 402-B-1248

Performed a Annual/100hr Inspection in ref. to the Air Tractor AT-402A/402B checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. Removed, inspected, cleaned and reinstalled the X Flow inlet air filter. Replaced Tail spring forward bolt (pn AN6-17A). C/W AD 2021-05-14 (Flap torque tube actuator attachment bracket), IAW steps 4B(2) thru. (10) of the Air Tractor, Inc., Service Letter #347, Rev. A Type 2- Visible Dye insp. was performed. No defects found at this time, next visual insp. due at HOBBS (2758.2). All ADs C/W and up to date. I certify that this aircraft has been inspected IAW ANNUAL insp. and to be in Airworthy condition with respect to the work performed and is ready to returned to service.

Signature: JERRY LEA 

Certificate #: A&P3063541A

YEAR <b>20</b>	RE TA <b>TII</b>	MAKE: Air Tractor MODEL: AT-402B S/N: 402B-1248 REG. NO: N647RA WORK ORDER: 4911-07-2022	Valley Air Crafts. P.O. BOX 566 Tulare, California 93275 Phone: 559-686-7401	DATE: 7/18/2022 A/C TSN: 2468.2 HOBBS: 2468.2	<b>pairs and Alterations</b> Ind Certificate Number of for other specific entries.)
Airframe Entries					
(1) Installed AmSafe inflators P/N 510184-01 and P/N 510226-401. Expiration date April 2032. AmSafe seat belt test performed using the AmSafe AAIR Diagnostic Tool.					
DATE: 7/18/2022		SIGNED: 		Work Order: 4911-07-2022 Michael Schoenau, A&P: 3262337 Printed by EBis 3 (datcomedia.com)	

1053 N. Eastern Ave, Brawley, CA 92227	Date: 10/5/2022	Reg. No: <b>N647RA</b>	Make: Air Tractor
	Hobbs time: 2478.3		Model: AT-402B
	TSN: <b>2478.3</b>		SN# 402-B-1248
Removed and Replaced Tail wheel tire, with new (Air Hawk 5.00-5) tire and tube. Removed & replaced L/H MLG Brake Pads (pn 06-00681). All work was performed in reference to Air Tractor AT-402A/402B Maintenance Manual. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.			
Signature: JERRY LEA 		Certificate #: A&P3063541A	

MADE: Air Tractor MODEL: AT-402B S/N: 402B-1248 REG. NO: N647RA WORK ORDER: 4945-10-2022	Valley Air Crafts. P.O. BOX 566 Tulare, California 93275 Phone: 559-686-7401	DATE: 10/5/2022 A/C TSN: 2478.3 HOBBS: 2478.3
Airframe Entries		
(1) AmSafe seat belt test performed using the AmSafe AAIR Diagnostic Tool after replacement of the P/N 7067-1-011-2396 shoulder harness assembly.		
DATE: 10/5/2022		SIGNED: 
Work Order: 4945-10-2022 Michael Schoenau, A&P: 3262337 Printed by EBis 3 (datcomedia.com)		

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.)				

MAKE: Air Tractor  
MODEL: AT-402B  
SN: 402B-1248  
REG. NO: N647RA  
WORK ORDER:  
4492-02-2020



Valley Air Crafts.  
P.O. BOX 566  
Tulare, California 93275  
Phone: 559-686-7401

DATE: 2/7/2020  
A/C TSN: 2247.1  
HOBBS: 2247.1

#### Airframe Entries

(1) Removed EMA P/N 508358-421 and installed an overhauled EMA P/N 508358-421 dated 1/20/2020. AmSafe seat belt test performed using the AmSafe AAIR Diagnostic Tool.

DATE: 2/7/2020

SIGNED:

Michael Schoenau, A&P: 3262337

Work Order: 4492-02-2020

Printed by EBis 3 (datcomedia.com)

1053 N. Eastern Ave, Brawley, CA 92227

Date: 6/3/2020 Reg. No: N647RA

Hobbs time: 2274.4

TSN: 2274.4

Make: Air Tractor

Model: AT-402B

SN# 402-B-1248

Removed Spray Pump Assy, L/H & R/H Booms, Center Boom Assy, Fan Break Assy. And Spray Valve. Installed New TRANSLAND Spreader Assy. (pn 23502). IAW SMP. Aircraft Weight & Balance was updated to reflect changes. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 3/1/2021 Reg. No: N647RA

Hobbs time: 2308.2

TSN: 2308.2

Make: Air Tractor

Model: AT-402B

SN# 402-B-1248

Performed a Annual/100hr Inspection in ref. to the Air Tractor AT-402A/402B checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. Replaced the BOTTOM (pn 10540-3) and BACK (pn 10541-1) seat cover's. Installed new air filter (pn BA409E). All ADs C/W and up to date. I certify that this aircraft has been inspected IAW ANNUAL insp. and to be in Airworthy condition with respect to the work performed and is ready to returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

Valley Air Crafts.

MAKE: Air Tractor  
MODEL: AT-402B  
S/N: 402B-1248  
REG. NO: N647RA  
WORK ORDER:  
4712-05-2021

DATE: 3/10/2021  
A/C TSN: 2308.2  
HOBBS: 2308.2

#### Airframe Entries

(1) AmSafe seal belt test performed using the AmSafe AAIR Diagnostic Tool.

DATE: 3/10/2021

SIGNED:

Michael Schoenau, A&P: 3262337

Work Order: 4712-05-2021

Printed by EBis 3 (datcomedia.com)

YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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1053 N. Eastern Ave, Brawley, CA 92227

Date: 1/30/2019 Reg. No: N647RA  
Hobbs time: 2105.7  
TSN: 2105.7

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

C/W provisions of an Annual Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. Replaced all tail wheel gear bolt, IAW air Tractor MM AT-402A/402B Page 8/9. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 6/1/19 Reg. No: N647RA  
Hobbs time: 2208.7  
TSN: 2208.7

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

Performed a 100 Hour Inspection in reference to Air Tractor AT-402A/402B Inspection Checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. This aircraft was found to be airworthy at this time.

Signature: Jaime R Zavala

Certificate #: A&P 3955612

1053 N. Eastern Ave, Brawley, CA 92227

Date: 1/16/2020 Reg. No: N647RA  
Hobbs time: 2246.9  
TSN: 2246.9

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

Removed and Replaced Tail wheel tire (Air Hawk 5.00-5). All work performed in reference to Air Tractor AT-402A/402B maintenance Manual, page 5. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 2/1/2020 Reg. No: N647RA  
Hobbs time: 2247.1  
TSN: 2247.1

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

C/W provisions of an Annual Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. Lubricated flight control cables and pulleys. Lubricated tail wheel. Inspected and cleaned airframe mounted fuel filter. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

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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1053 N. Eastern Ave, Brawley, CA 92227

Date: 9/7/2018 Reg. No: N647RA

Hobbs time: 2002.5

TSN: 2002.5

Performed a 100 Hour Inspection in reference to Air Tractor AT-402A/402B Inspection Checklist. Lubricated flight control cables and pulleys. Replaced main landing gear bolts. Replaced tail spring, P/N 40060-1. Lubricated tail wheel. Replaced right wing strobe. Inspected and cleaned airframe mounted fuel filter. Replaced engine air filter. This aircraft was found to be airworthy at this time.

Signature: JERRY LEA

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

Certificate #: A&P3063541

1053 N. Eastern Ave, Brawley, CA 92227

Date: 9/7/2018 Reg. No: N647RA

Hobbs time: 2101.5

TSN: 2101.5

Performed a 100 Hour Inspection in reference to Air Tractor AT-402A/402B Inspection Checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Replaced right tire. Inspected and cleaned airframe mounted fuel filter. This aircraft was found to be airworthy at this time.

Signature: J. Tamashiro

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

Certificate #: A&P 3723539

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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1053 N. Eastern Ave, Brawley, CA 92227

Date: 10/18/2018 Reg. No: N647RA

Hobbs time: 2105.7

TSN: 2105.7

Removed Power Turbine section from aircraft for lightning strike inspection due to wire strike.

Signature: J. Tamashiro

Certificate #: A&P 3723539

1053 N. Eastern Ave, Brawley, CA 92227

Date: 1/30/2019 Reg. No: N647RA

Hobbs time: 2105.7

TSN: 2105.7

Installed Inspected Power Turbine section. Ground run, leaked checked and found to operate satisfactory. At this time I find this Airframe to be in Airworthy Condition in respect to work performed.

Signature: Jaime R. Zavala

Certificate #: A&P 3655612, A&P 3955612

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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ENGINE MODEL:  
PT6A-34AG  
ENGINE S/N:  
PCE-PH0732  
REG. NO: N647RA  
WORK ORDER:  
4117-03-2018



Valley Air Crafts.  
P.O. BOX 586  
Tulare, California 93275  
Phone: 559-686-7401

DATE: 3/22/2018  
A/C TSN: 1726  
ENG TT: 44  
HOBBS 1726

#### Engine Entries

- (1) Split the engine at the "C" flange. Removed the combustion liner, CT disk and blades, and the guide vane assembly. Inspected all of the components. Found a minor rub on the segments in the 9:00 to 11:00 o'clock area. Reinstalled the guide vane assembly. Performed a touch-up grind on the segments. Reinstalled the CT disk and measured the CT blade to segment clearance at an average of 0011". Installed the combustion liner and reassembled the engine. Installed two new ignitors. Installed an overhauled set of fuel nozzles. Engine ground checked for leaks and performance. Operation normal... (2) Removed the oil pressure relief valve and installed a shim to raise the oil pressure to 98 PSI indicated. Cleaned the oil filter assembly. Replaced the o-rings on the oil filter and the oil filter adapter. Serviced the engine with Eastman 2380 oil.

DATE: 3/22/2018  
SIGNED:

Michael Schoenau, A&P: 3262337

Work Order: 4117-03-2018

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1 of 1

1053 N. Eastern Ave, Brawley, CA 92227

Date:	5/18/2018	Reg. No:	N647RA
Hobbs time:	1803.8		
TSN:	1803.8		

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

C/W provisions of an 100HR Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work performed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541

1053 N. Eastern Ave, Brawley, CA 92227

Date:	7/12/2018	Reg. No:	N647RA
Hobbs time:	1903.0		
TSN:	1903.0		

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

Performed a 100 Hour Inspection in reference to Air Tractor AT-402A/402B Inspection Checklist. Lubricated flight control cables and pulleys. Lubricated tail wheel. Replaced left wing strobe. Inspected and cleaned airframe mounted fuel filter. This aircraft was found to be airworthy at this time.

Signature: J. Tamashiro

Certificate #: A&P 3723539

1053 N. Eastern Ave, Brawley, CA 92227

Date: 1/29/2018 Reg. No: N647RA  
Hobbs time: 1594.5  
TSN: 1594.5

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

C/W provisions of an Annual Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. Replaced all tail wheel gear bolt, IAW air Tractor MM AT-402A/402B Page 8/9. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541IA

1053 N. Eastern Ave, Brawley, CA 92227

Date: 3/15/2018 Reg. No: N647RA  
Hobbs time: 1706.3  
TSN: 1706.3

Make: Air Tractor  
Model: AT-402B  
SN# 402-B-1248

C/W provisions of an 100HR Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P3063541

YEAR

20

DATE

ENGINE MODEL:  
PT6A-34AG  
ENGINE S/N:  
PCE-PH0732  
REG. NO: N647RA  
WORK ORDER:  
4107-03-2018

  
Valley Air Crafts.  
P.O. BOX 566  
Tulare, California 93275  
Phone: 559-686-7401

DATE: 2/28/2018  
AC TSN: 1641  
ENG TT  
HOBBS: 1641

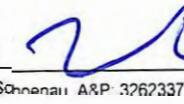
Repairs and Alterations  
and Certificate Number of  
(s for other specific entries.)

Engine Entries

(1) Installed a replacement oil filter P/N 1761865-00-80. Tested the oil pressure at 90 PSI.

DATE: 2/28/2018

SIGNED:

  
Michael Schonau A&P 3262337

Work Order: 4107-03-2018

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Aircraft Flight Checked On 3/19/18 by Water Walker #3733908 In accordance  
with CAM 8.10-3(e) and found to be safely controllable and to operate satisfactorily with the following  
hopper load: 3250, and aircraft total weight: 7860.



**JD'S PLANE REPAIR, LLC**  
12106 FM 400, SLATON, TX 79364  
HANGER #10  
PH: 432-788-7137  
[WWW.JDPLANEREPAIR.COM](http://WWW.JDPLANEREPAIR.COM)

9-5-17

N647RA

Hobbs time 1454.7

Performed 100hr inspection on engine. Ohm checked chip Detector. Inspected and cleaned oil filter. Cleaned fuel pump inlet screen and installed New engine driven fuel pump filter. Checked and cleaned firewall fuel filter. Checked all engine controls. Checked all fluid lines. Inspected air inlet, air box. Replaced air filter. Checked engine mounts for cracks. Removed fuel nozzles and Replaced with overhauled set form CTS Turbines. Performed borescope inspection with no defects noted at this time. Ground runs C/W no defects noted.

I certify this engine to be airworthy and return to service.

Jonathan Siemens, A&P IA 3288274

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
1053 N. Eastern Ave, Brawley, CA 92227				
Date:	3/13/2017	Reg. No:	N647RA	Make: Air Tractor
Hobbs time:	1281.4			Model: AT-402B
TSN:	12814			SN# 402-B-1248
<p><i>JL Air tractor AT-402A 402</i></p> <p>C/W provisions of a 100hr. Inspection IAW 52R GMM2, which checklist is on file at Farm Aviation, Inc. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.</p>				
Signature: JERRY LEA			Certificate #: A&P3063541	



DATE: 7-1-2017 HOBBS/TT: 1382.9 R&R LH ELEVATOR STRUT, PUMP  
STRUT, WING WALK WERE NEEDED, AND EMRG S-OFF CABLE. RUN UP OK. ---  
END---

*[Signature]*

STEVEN R RICE A&P 2822642

N647RA

*JD's Plane Repair, LLC*



**JD'S PLANE REPAIR, LLC**  
12106 FM 400, Slaton, TX 79364  
HANGER #10  
PH: 432-788-7137  
[WWW.JDPLANEREPAIR.COM](http://WWW.JDPLANEREPAIR.COM)

N647RA

9-5-17  
Hobbs time 1454.7

Performed 100HR inspection on airframe IAW air tractor 402 annual checklists. Lubed flight controls, cables, and pulleys. Replaced Tail wheel tire and tube.

I certify this aircraft to be airworthy and return to service

*[Signature]*

Jonathan Siemens, A&P IA 3288274

1053 N. Eastern Ave, Brawley, CA 92227

Date:	11/17/2017	Reg. No:	N647RA	Make: Air Tractor
Hobbs time:	1549.2			Model: AT-402B
TSN:	1549.2			SN# 402-B-1248

C/W provisions of an 100HR Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

*[Signature]*

Signature: JERRY LEA

Certificate #: A&P3063541

9-20-16

N647RA

Hobbs time 1116.8

Performed 100HR inspection on airframe IAW air tractor 402 annual checklists. Lubed flight controls, cables, and pulleys. Replaced left main gear outboard wheel bearing and race.

I certify this aircraft to be airworthy and return to service.

Jonathan Siemens A&P IA 3288274

9-20-16

Hobbs time 1116.8

Resto de Sud Amer.

0800.777.2837  
800.83.5105

Performed 100hr inspection on engine. Ohm checked chip Detector. Inspected and cleaned oil filter. Cleaned fuel pump inlet screen and installed New engine driven fuel pump filter. Checked and cleaned firewall fuel filter. Checked all engine controls. Checked all fluid lines. Inspected air inlet, air box. Replaced air filter. Checked engine mounts for cracks. Removed fuel nozzles and flow checked with no defects noted. Performed borescope inspection with no defects noted at this time. Ground runs C/W no defects noted.

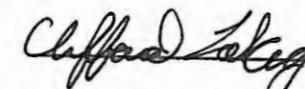
I certify this engine to be airworthy and return to service.

Jonathan Siemens A&P IA 3288274

YEAR 20 _____	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and/or Technician or Repair Facility. (See back pages for other specific entries.)
9-20-16				N647RA
Hobbs time 1116.8				Performed 100HR inspection on airframe IAW air tractor 402 annual checklists. Lubed flight controls, cables, and pulleys. Replaced left main gear outboard wheel bearing and race.
I certify this aircraft to be airworthy and return to service.				
Jonathan Siemens A&P IA 3288274				
1053 N. Eastern Ave, Brawley, CA 92227				
Date:	1/27/2017	Reg. No:	N647RA	
Hobbs time:	1177.8		Make:	Air Tractor
TSN:	1177.8		Model:	AT-402B
			SN#	402-B-1248
C/W provisions of an Annual Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.				
Signature: JERRY LEA		Certificate #: A&P3063541 IA		

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

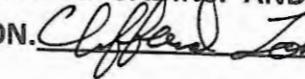
DATE: 5/1/14 HOBBS: 428.5 PERFORMED ANNUAL INSP AS PER AIRTRACTOR  
MANUAL. REPACKED ALL WHEEL BEARINGS. INSP BATT'S. ALL APPLICABLE AD'S  
COMPLIED WITH TO DATE (SEE AD LIST). I CERTIFY THIS AIRCRAFT HAS BEEN INSP  
IAW AN ANNUAL INSP AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



CLIFFORD LAKEY A&P/IA: 3059867

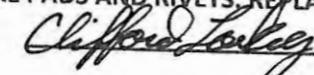
DATE: 4/1/15 HOBBS: 429 PERFORMED ANNUAL INSP AS PER AIRTRACTOR  
MANUAL. REPACKED ALL WHEEL BEARINGS. REPLACED BATT'S, MASTER SWITCH,  
AND WIPER BLADE. ALL APPLICABLE AD'S COMPLIED WITH TO DATE (SEE AD LIST).

I CERTIFY THIS AIRCRAFT HAS BEEN INSP IAW AN ANNUAL INSP AND WAS  
DETERMINED TO BE IN AIRWORTHY CONDITION.



CLIFFORD LAKEY A&P/IA: 3059867

DATE: 5-27-15 HOBBS: 610.1 REPLACED RH TIRE AND TUBE. REPLACED RH BRAKE PADS AND RIVETS. REPLACED  
RH VISTA VENT. ALL WORK DONE IAW AIRTRACTOR MAINTENANCE MANUAL.



CLIFFORD LAKEY A&P: 3059867

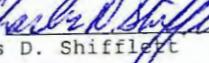
YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Reg. No.: N647PA  
Model: AT-402B  
SN# 402B-1248

Date: 12/11/15  
Hobbs Time: 845.2  
Total Time: 845.2

✓ functional check using Amsafe diagnostic tool PN# 508987-401 test good.

This airplane was inspected according to the current FAR's, approved drawings and process specifications.

Signed  Date 12/11/15  
Charles D. Shifflett

Air Tractor, Inc. - Municipal Airport - Olney, TX 76374  
940-564-5616 Fax: 940-564-5612  
FAA Certified Repair Station AXTR327C  
END

12-15-2015 Hobbs 845.4 TT 845.4 Opened A/C for Annual  
inspection. Lubed all cables + pulleys, cleaned and greased  
all Wheel bearings, installed new pads on Left Brake  
installed new BH-409E Brackett Air filter. repaired crack in  
right Hor. stab. top skin. replaced outer wing walk R + side  
This A/c has been IAW Annual Inspection and found to be Airworthy  
all AD's checked <sup>see</sup> list  17/1/15 A&P 2727085 IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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<p>Air Tractor, Inc., 1524 Leland Snow Way, P.O. Box 485, Olney, Texas 76374 FAA Production Approval Holder PC 2SW</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Aircraft - Total Time</th> <th>Aircraft - Flights</th> <th>Engine - Starts</th> </tr> </thead> <tbody> <tr> <td>February 17, 2012</td> <td>1.1 Hours</td> <td>5</td> <td>5</td> </tr> </tbody> </table> <p>Air Tractor Model Number AT-402B, Serial Number 402B-1248, Registration Number N647RA, was test flown in accordance with Air Tractor, Inc. Production Flight Test Procedures and Flight Test Form 1005, Revision Orig., dated 11/1/11. The aircraft was found to operate satisfactory and is in condition for safe operation.</p> <p><i>Michael D. Rhodes</i> Test Pilot - Michael D. Rhodes      Pilot Certificate Number: 3127579</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Aircraft - Total Time</th> <th>Aircraft - Flights</th> <th>Engine - Starts</th> </tr> </thead> <tbody> <tr> <td>February 21, 2012</td> <td>1.1 Hours</td> <td>5</td> <td>5</td> </tr> </tbody> </table> <p>This aircraft complies with all applicable Air Tractor, Inc. Service Letters through Service Letter #303. This aircraft complies with all applicable Airworthiness Directives through Biweekly AD 2012-03, published February 14, 2012.</p> <p><i>Terry Wooldridge</i> Terry Wooldridge - Air Tractor, Inc.</p> <table border="1"> <thead> <tr> <th>Date</th> <th>Aircraft - Total Time</th> <th>Aircraft - Flights</th> <th>Engine - Starts</th> </tr> </thead> <tbody> <tr> <td>February 21, 2012</td> <td>1.1 Hours</td> <td>5</td> <td>5</td> </tr> </tbody> </table> <p>I find that this aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate dated February 21, 2012. The next annual inspection is due February 21, 2013.</p> <p><i>Rodger C. Holbert</i> Rodger C. Holbert - DMR831158SW</p>				Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts	February 17, 2012	1.1 Hours	5	5	Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts	February 21, 2012	1.1 Hours	5	5	Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts	February 21, 2012	1.1 Hours	5	5
Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts																								
February 17, 2012	1.1 Hours	5	5																								
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YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**FARM AIR INC.**

11220 E Bricker Hwy, Astoria, IL 61501 877-715-8476

Date: FEBRUARY 29, 2012 - AIRTRACTOR N647RA. S/N 402B-1248 HOBBS: 5.6 Total Time: 5.6  
Installed Hemisphere Bantam Swath Guidance GPS system components as follows: CPU PN# 806-1034-000/SN# 1140-158578-0016 at station +90", 7" Touch Screen PN# 900-1037-000/SN# XE702TV-C-03154 at station +53", Antenna PN# 804-3036-000/SN# A2120110904424 at station +118, Hemisphere Lightbar V PN# 806-2011-03A/SN# 1149-158785-0021 at station -8", Bantam Intelliflow Controller PN# 806-1020-000/SN# 811490 at station +100", Motor Valve PN# 806-1023-000/SN# 535100 at station +66", and Flow Meter PN# 900-3043-000/SN# 36264 at station +63". All work completed in accordance with manufacturer installation manuals, and in reference to Part 43 Appendix A, AC43.13B, and AC20-138A Rev B as outlined as a stand alone unit not integrated with an existing unit. Weight and Balance recomputed and entered into aircraft records. Equipment list updated. Operational check complete and found satisfactory.

*Julian T. Capers*  
Julian T. Capers A&P 3252690

**DATE: 2/16/13 HOBBS: 428 PERFORMED ANNUAL INSP AS PER AIRTRACTOR  
MANUAL. REPACKED ALL WHEEL BEARINGS. INSP BATT'S. REPLACED RUDDER  
GROUND, NOSE LIGHTS, RH NAV LIGHT BULB, AND HOPPER LID SEAL. ALL  
APPLICABLE AD'S COMPLIED WITH TO DATE (SEE AD LIST). I CERTIFY THIS  
AIRCRAFT HAS BEEN INSP IAW AN ANNUAL INSP AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION.**

*Clifford Lakey*  
Clifford Lakey

CLIFFORD LAKEY A&P/IA: 3059867

## Aircraft Record General Information

Manufacturer: Air Tractor, Inc. Model Number: AT-402B

Serial Number: 402B-1248 Registration Number: N647RA

Date of Manufacture: February 21, 2012

Engine installed:

Manufacturer: Pratt & Whitney Model Number: PT6A-34AG Serial Number: PCE-PH0732

Propeller installed:

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

Hub Model: HC-B3TN-3D Serial Number: BUA32156

Blade Model: T10282NS+4 Serial Numbers: L20343, L20348, L20349