



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.) |
|--------------------|---------------------------|-------------------|-----------------------------|--|
|--------------------|---------------------------|-------------------|-----------------------------|--|

REG #: N647RA
SN: 402B-1248
Date: 09/30/2024

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

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. 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:

3. 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.
4. 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:

5. Installed new induction air filter P/N BA-409E in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
6. 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.
7. Installed new fuel cap O-rings P/N MS29513-010 and MS29513-232 in accordance with Air Tractor Inc., 402B Series Maintenance Manual.
8. 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:

9. 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.
10. 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:

11. 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.
12. 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.
13. Researched applicable Airworthiness Directives through Biweekly 2024-20. Reference TBX 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

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.
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 require 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

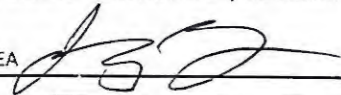
Jason D Staver 3031805 IA

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1053 N. Eastern Ave, Brawley, CA 92227

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|-------------|------------|----------|------------|-------|-------------|
| Date: | 10/13/2022 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2479.7 | Model: | AT-402B | | |
| TSN: | 2479.7 | SN# | 402-B-1248 | | |

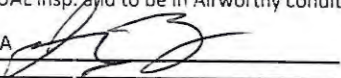
Removed and replaced both Aircraft Batteries, with NEW GILL G-246AT Batteries (sn's G03151099 & G03151121), after C/W GILL Battery Activation and Charging Instructions. Work was performed in reference to Air Tractor AT-402A/402B Maintenance Manual. At this time I find this Aircraft to be in Airworthy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

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|-------------|----------|----------|------------|-------|-------------|
| Date: | 4/1/2023 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2520.7 | Model: | AT-402B | | |
| TSN: | 2520.7 | 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

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|-------------|-----------|----------|------------|-------|-------------|
| Date: | 6/16/2023 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2591.7 | Model: | AT-402B | | |
| TSN: | 2591.7 | 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

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|--------|-----------|---|
| 2599.7 | 6-20-2023 | installed prop model # HC-B3TN-3D/T10282054 |
| | | SERIAL # BUA 33419. Balanced prop to less |
| | | than 24 IPS |
| 2599.7 | 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 20 DATE RE TA TII 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: 3/26/2022 A/C TSN: 2374.1 HOBBS: 2374.4 ind Alterations ficate Number of r specific entries.) Airframe Entries (1) Installed new X Flow inlet air system as per Air Tractor SL #365. See FAA form 337 this date. No change to the aircraft weight and balance data. (2) Installed new V G s as needed. (3) Drained all of the fuel and calibrated a fuel dip stick. DATE: 8/26/2021 SIGNED: Michael Schoenau, IA: 3262337 Work Order: 4745-08-2021 Printed by EBis 3 (datcomedia.com)

1053 N. Eastern Ave, Brawley, CA 92227

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|-------------|-----------|----------|--------|--------|-------------|
| Date: | 3/31/2022 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2413.2 | | | Model: | AT-402B |
| TSN: | 2413.2 | | | 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&P30635411A

YEAR 20 DATE 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 pairs and Alterations nd 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: Michael Schoenau, A&P: 3262337 Work Order: 4911-07-2022 Printed by EBis 3 (datcomedia.com)

1053 N. Eastern Ave, Brawley, CA 92227

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|-------------|-----------|----------|--------|--------|-------------|
| Date: | 10/5/2022 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2478.3 | | | Model: | AT-402B |
| TSN: | 2478.3 | | | 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&P30635411A

MAKE: 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: Michael Schoenau, A&P: 3262337 Work Order: 4945-10-2022 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.) |
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MAKE: Air Tractor
MODEL: AT-402B
S/N: 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

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|-------------|----------|----------|--------|--------|-------------|
| Date: | 6/3/2020 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2274.4 | | | Model: | AT-402B |
| TSN: | 2274.4 | | | 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 performed and is ready to be returned to service.

Signature: JERRY LEA

Certificate #: A&P30635411A

1053 N. Eastern Ave, Brawley, CA 92227

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|-------------|----------|----------|--------|--------|-------------|
| Date: | 3/1/2021 | Reg. No: | N647RA | Make: | Air Tractor |
| Hobbs time: | 2308.2 | | | Model: | AT-402B |
| TSN: | 2308.2 | | | 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&P30635411A

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



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

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

Airframe Entries

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

DATE: 3/10/2021

SIGNED:

Work Order: 4712-05-2021

Michael Schoenau, A&P: 3262337

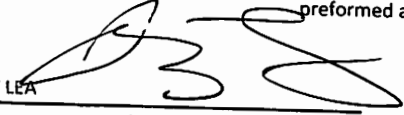
Printed by EBis 3 (datcomedia.com)

| 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.) |
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1053 N. Eastern Ave, Brawley, CA 92227

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| Date: 1/30/2019 | Reg. No: N647RA | Make: Air Tractor |
| Hobbs time: 2105.7 | | Model: AT-402B |
| TSN: 2105.7 | | SN# 402-B-1248 |

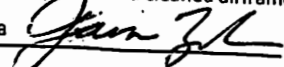
C/W provisions of an Annual Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. Replaced all tail wheel gear bolt, IAW air Tractor MM AT-402A/402B Page 8/9. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect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

Signature: JERRY LEA  Certificate #: A&P30635411A

1053 N. Eastern Ave, Brawley, CA 92227

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|--------------------|-----------------|-------------------|
| Date: 6/12/19 | Reg. No: N647RA | Make: Air Tractor |
| Hobbs time: 2208.7 | | Model: AT-402B |
| TSN: 2208.7 | | 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

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1053 N. Eastern Ave, Brawley, CA 92227

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|--------------------|-----------------|-------------------|
| Date: 1/16/2020 | Reg. No: N647RA | Make: Air Tractor |
| Hobbs time: 2246.9 | | Model: AT-402B |
| TSN: 2246.9 | | 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 performed and is ready to be returned to service.

Signature: JERRY LEA  Certificate #: A&P30635411A

1053 N. Eastern Ave, Brawley, CA 92227

| | | |
|--------------------|-----------------|-------------------|
| Date: 2/1/2020 | Reg. No: N647RA | Make: Air Tractor |
| Hobbs time: 2247.1 | | Model: AT-402B |
| TSN: 2247.1 | | 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 performed and is ready to be returned to service.

Signature: JERRY LEA  Certificate #: A&P30635411A

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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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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
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

Printed by EBis 3 (datamedia.com)

1053 N. Eastern Ave, Brawley, CA 92227

| Date: | 5/18/2018 | Reg. No: | N647RA | Make: | Air Tractor |
|-------------|-----------|----------|--------|--------|-------------|
| Hobbs time: | 1803.8 | | | Model: | AT-402B |
| TSN: | 1803.8 | | | SN# | 402-B-1248 |

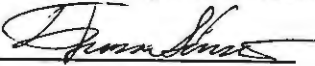
C/W provisions of an 100HR Insp. IAW the Air Tractor, Inc. AT-402A/402B checklist which is on file at Farm Aviation, Inc. All ADs C/W and up to date. At this time I find this Aircraft to be in Airworthy condition with respect to the work preformed and is ready to be returned to service.

Signature: JERRY LEA  Certificate #: A&P3063541

1053 N. Eastern Ave, Brawley, CA 92227

| Date: | 7/12/2018 | Reg. No: | N647RA | Make: | Air Tractor |
|-------------|-----------|----------|--------|--------|-------------|
| Hobbs time: | 1903.0 | | | Model: | AT-402B |
| TSN: | 1903.0 | | | 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 | Make: | Air Tractor |
| Hobbs time: | 1594.5 | Model: | AT-402B | SN# | 402-B-1248 |
| TSN: | 1594.5 | | | | |

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 | Make: | Air Tractor |
| Hobbs time: | 1706.3 | Model: | AT-402B | SN# | 402-B-1248 |
| TSN: | 1706.3 | | | | |

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
DATEENGINE MODEL:
PT6A-34AG
ENGINE S/N:
PCE-PH0732
REG. NO: N647RA
WORK ORDER:
4107-03-2018Valley Air Crafts.
P.O. BOX 566
Tulare, California 93275
Phone: 559-686-7401DATE: 2/28/2018
A/C TSN: 1641
ENG TT:
HOBBS: 1641Repairs and Alterations
and Certificate Number of
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 Schenari A&P 3262337

Work Order: 4107-03-2018

Printed by EBIS 3 (datamedia.com)

Aircraft Flight Checked On 3/19/18 by John H. #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

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 | SN# | 402-B-1248 |
| TSN: | 12814 | | | | |

SL Air tractor AT-402B-1020

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.

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. ---

STEVEN R RICE A&P 2822642

N647RA



JD'S PLANE REPAIR, LLC
 12106 FM 400, SLATON, TX 79364
 HANGER #10
 PH: 432-788-7137
 WWW.JDPLANEREPAIR.COM

9-5-17

N647RA

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

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 | SN# | 402-B-1248 |
| TSN: | 1549.2 | | | | |

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

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 Améri-

0800.777.2837
800.835.105

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 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 PREFORMED 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 Lahey

CLIFFORD LAKEY A&P/IA: 3059867

DATE: 4/1/15 HOBBS: 429 PREFORMED 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 Lahey

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 Lahey

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 *Charles D. Shifflett*
Charles D. Shifflett

Date *12/11/15*

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 BA-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 ^{see} list *Philip L. Fuller* 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.) |
|------------------------|---------------------------|-------------------|-----------------------------|--|
|------------------------|---------------------------|-------------------|-----------------------------|--|

| Air Tractor, Inc., 1524 Leland Snow Way, P.O. Box 485, Olney, Texas 76374 FAA Production Approval Holder PC 2SW | | | |
|---|-----------------------|--------------------|-----------------|
| Date | Aircraft - Total Time | Aircraft - Flights | Engine - Starts |
| February 17, 2012 | 1.1 Hours | 5 | 5 |
| 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. | | | |
| Test Pilot - <u>Michael D. Rhodes</u> Pilot Certificate Number: 3127579 | | | |
| Date | Aircraft - Total Time | Aircraft - Flights | Engine - Starts |
| February 21, 2012 | 1.1 Hours | 5 | 5 |
| 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. | | | |
| <u>Terry Wooldridge</u> Terry Wooldridge - Air Tractor, Inc. | | | |

| Date | Aircraft - Total Time | Aircraft - Flights | Engine - Starts |
|--|-----------------------|--------------------|-----------------|
| February 21, 2012 | 1.1 Hours | 5 | 5 |
| 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. | | | |
| <u>Rodger C. Holbert</u> Rodger C. Holbert - DMIR831158SW | | | |

| 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.) |
|------------------------|---------------------------|-------------------|-----------------------------|--|
|------------------------|---------------------------|-------------------|-----------------------------|--|

| | |
|--|--|
|  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. <u>Julian T. Capers</u> Julian T. Capers A&P 3252690 | |

DATE: 2/16/13 HOBBS: 428 PREFORMED 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 Lahey
CLIFFORD LAHEY 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