

N602 BA

The Standard
 AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer: Air Tractor, Inc. Model Number: AT-602

Serial Number: 602-1173 Registration Number: N602BA

Date of Manufacture: March 27, 2009

Engine installed:

Manufacturer: Pratt & Whitney Model Number: PT6A-65AG Serial Number: PCE-PN0099

Propeller installed:

Manufacturer: Hartzell Propeller, Inc. Model Number: HC-B5MP-3F/M11276NS

Hub Model: HC-B5MP-3F Serial Number: EVA3027

Blade Model: M11276NS Serial Numbers: K85990, K85991, K85992, K85993, K85994

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Air Tractor, Inc., [REDACTED] Olney, Texas 76374
 FAA Production Approval Holder [REDACTED]

Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
March 26, 2009	1.0 Hours	3	3

Air Tractor Model Number AT-602, Serial Number 602-1173, Registration Number N602BA was test flown in accordance with Air Tractor, Inc. Production Flight Test Procedures and Flight Test Form 1006, Revision 5/6/03. The aircraft was found to operate satisfactory and is in condition for safe operation.

Test Pilot - Troy Vaught/ Pilot Certificate Number: [REDACTED]

Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
March 27, 2009	1.0 Hours	3	3

This aircraft complies with all applicable Air Tractor Service Letters through Service Letter #270.
 This aircraft complies with all applicable Airworthiness Directives through Biweekly AD 2009-06, dated 03/16/2009.

Jim Pollard - Air Tractor, Inc.

Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
March 27, 2009	1.0 Hours	3	3

I find that this aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate dated March 27, 2009. The next annual inspection is due on March 31, 2010.

Rodger C. Holbert - [REDACTED]

31DEC22

Totals for 2022 Season 491.4 hours, 168 starts, 723 flights

Date: 04/03/2023

REG: N602BA

Hobbs: 5556.3

SN: 602-1173

Landings:

1. R&R RH rudder cable PN 70624-1, aft pulley PN 24566-3B and guide, and rudder control horn bushings PN 70093-1 and new hardware. Rig checks good. 2. R&R tailwheel fwd attach bolt PN NAS1308-34, tailwheel fork upper bushing PN 40124-1 and shim PN40150-1, tailwheel lock pin, tail wheel housing bolts, tail wheel bearings, races and seals, tail wheel axle and axle bolt. 3. R&R LH/RH aileron bell crank bushings PN 70085-1, bearings PN B812, and hardware, LH flap arm bearing PN MS14104-4 and hardware. 4. R&R elevator idler bushings PN70055-1 and bearing PN B610, elevator trim tab bushings and hardware. 5. R&R LH elevator bearing plates PN 30361-1 x2, LH/RH elevator trim tab hinges PN 30748-1 and bushings PN 30742-1. 6. R&R LH elevator inbd LE skin PN 30377-1. 7. R&R LH elevator trim tab bell crank bushings PN. 8. R&R brake linings and LH tire. Removed FAST Start and sent to Air Repair for testing and repair and reinstalled. 9. Removed Vondrin hopper probe and loader display, installed Reabe probe, cockpit and loader display IAW Reabe installation instruction 6DL Rev W. 10. R&R LH aft skin support stringer. 11. R&R hopper shut off valve. 12. R&R spring and cable for hopper load valve. 13. R&R LH inboard fuel quantity sending unit plastic washers. 14. R&R LH inbd fuel cap. All work performed IAW Air Tractor 602 Owner's Manual. Aircraft is approved for return to service for the work performed.

Todd Farnik A&P

Complied with AD 2021-05-14 die-penetrant inspection
of flap torque tube. No defects noted. Next ^{die penetrant} inspection
due at 6508.9 hrs.
AJP [REDACTED] [REDACTED]

Date: 09/21/2023

REG: N602BA

Hobbs: 6001.1

SN: 602-1173

Landings:

Performed a 100, 200 and 300 hr inspection in accordance with 14 CFR Part 43 appendix D and Air tractor Owners Manual. Complied with AT SIL 275 leading edge rib crack inspection. Visual inspection as per **AD 2021-05-14**. No cracks noted on welds. Next visual insp. due at **6346.1**. Tq check good on eye bolts per **AD 2005-13-12**. Found tail wheel housing binding, Installed new bearing P/N 28995. Replaced worn brake pads on LH main gear P/N 066-06600. Found ruder trim stops installed backwards, reinstalled correctly. All work done IAW air tractor 602 owners manual. I certify this airframe has been inspected IAW an 100 hour inspection was determined to be in an airworthy condition.

Miles Morgan

A&P IA



N# 602BA Transponder/Encoder Biennial 91.413 Certification

This aircrafts Altimeter system and Altitude Reporting Equipment have been inspected and tested in accordance with FAR43 appendix E(c)

Pilot Alt. P/N 5934D-3 S/N 474111 Tested to: 18,000

Encoder P/N 6AE12 S/N - Tested to: 18,000

The Aircrafts ATC Transponder System has been inspected and tested ICW FAR 43 Appendix F to comply with 91.413

Transponder: Garmin P/N GTX345 S/N 3EG422223

W.O.# 2401176215 Date: 1/17/24 Hours: 6212.2

Inspector: [REDACTED]

Front Range Transponder Svc, [REDACTED]

[REDACTED] Broomfield, CO 80021 CRS [REDACTED]

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20
DA

GEORGE'S AIRCRAFT REPAIR, LLC

VERNON, TX 76384

5/7/2024 AT602-1173 N602BA HOBBS & TT: 6278.5

TO C/W AD2006-23-09 DISASSEMBLED AIRCRAFT AND DELIVERED TO WINGS TO AIR TRACTOR INC. FOR SL#80FF COMPLIANCE. WINGS INSTALLED USING NEW LOWER SPLICE BLOCKS, NEW WING ATTACH ANGLES, AND ALL NEW WING ATTACHING HARDWARE WITH THE EXCEPTION OF THE UPPER BLOCKS. WING SPAR SAFE LIFE IS 6500.0 HRS TIS OR AN AIRCRAFT TOTAL TIME OF 12778.5.

NEW SPAR CAP ADDITIONAL WEIGHT IS 18 LBS AT STATION +20.8". WEIGHT AND BALANCE AMENDED ACCORDINGLY. INSTALLED NEW MAIN AND TAIL LANDING GEAR AT THIS TIME. ALL THREE LANDING GEAR INSTALLED USING ALL NEW ATTACHING HARDWARE. CLEANED, INSPECTED, AND GREASED MAIN WHEEL BEARINGS. INSTALLED 4 EACH 68-01600 BRAKE ISOLATOR SHIMS ON BRAKES. GREASED AND INSTALLED NEW TAIL WHEEL BEARINGS AND LOWER TAIL WHEEL HOUSING BEARING. INSTALLED NEW UPPER BUSHING IN TAIL GEAR HOUSING. INSTALLED NEW TAIL WHEEL LOCK HOUSING AND SL171 LOCK PIN BUSHING. REMOVED RUDDER AND ELEVATORS AND REPLACED ALL HINGE BEARINGS WITH NEW. REINSTALLED RUDDER AND ELEVATORS USING ALL NEW ATTACHING HARDWARE. REPLACED BEARINGS, BUSHINGS, AND HARDWARE ON EMPENNAGE AS REQUIRED. INSTALLED FLAPS AND AILERONS USING ALL NEW ATTACHING HARDWARE. INSTALLED NEW TAIL WHEEL TIRE. C/W AD2021-05-14 BY PERFORMING A DYE PENETRANT CHECK OF THE FLAP TORQUE TUBE ACTUATOR ATTACH BRACKET IAW SNOW ENGINEERING SERVICE LETTER 347 REV A INSTRUCTIONS STEPS 4B (2) THROUGHT (7). DYE PENETRANT CHECK DUE AT INTERVALS NOT TO EXCEED 900 HRS TIS. A VISUAL INSPECTION WILL BE DUE AT INTERVALS NOT TO EXCEED 345 HRS TIS BETWEEN EACH DYE PENETRANT INSPECTION. C/W AD2005-13-12 BY TORQUE CHECK OF THE HORIZONTAL STABILIZER EYEBOLTS DUE EACH 12 MONTHS. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY AT THIS TIME. END

Date:05/09/2024

REG: N602BA

Hobbs: 6281.6

SN: 602-1173

Landings:

Removed and replaced starter generator with OH unit PN: 23078-020 SN: Y0107. See 8130. Next Due: 7281.6. Ops check good. All work dne IRT AT-602 MM. Aircraft is approved for return to service.

Miles Morgan A&P



YEAR

RECORDING

21

D.

Date: 06-18-24

Reg: N602BA

Hobbs: 6454.0

SN: 602-1173

Landings:

1. Performed and 100 hr inspection IRT Air tractor Aircraft Owners Manual. Complied with AT SIL 275 leading edge rib crack inspection. Removed and cleaned firewall fuel filter. Leak check good. No defects noted. Complied with reoccurring AD2005-13-12 torque check good. Lubed aircraft IAW lubrication section. Installed new AN5 bolt and lock nut on AC drive pad turnbuckle. Installed new RH and LH brake pads. Resecured front chip detector with new safety wire. All work performed IAW Air Tractor Aircraft Maintenance Manual. I certify this airframe has been inspected IRT an 100 hr inspection and was determined to be in an airworthy condition.

Miles Morgan A&P

