

Aircraft Record General Information

Manufacturer:	Air Tractor, Inc.	Model Number:	AT-602
Serial Number:	602-1183	Registration Number:	N4196Y
Date of Manufacture:	February 3, 2010		
<u>Engine installed:</u>			
Manufacturer:	Pratt & Whitney	Model Number:	PT6A-60AG
		Serial Number:	PCE-RG0158
<u>Propeller installed:</u>			
Manufacturer:	Hartzell Propeller, Inc.		
	Model Number: HC-B5MP-3C/M10876ANS		
Hub Model:	HC-B5MP-3C	Serial Number:	EVA3064
Blade Model:	M10876ANS	Serial Numbers: K95282, K95283, K95284, K95285, K95286	

51295



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., 1584 Airport Road, P.O. Box 485, Olney, Texas 76374 FAA Production Approval Holder PC 2SW			
Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
February 2, 2010	0.5 Hours	3	3
Air Tractor Model Number AT-602, Serial Number 602-1183, Registration Number N4196Y 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 - William A. East Pilot Certificate Number: [REDACTED]			
Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
February 3, 2010	0.5 Hours	3	3
This aircraft complies with all applicable Air Tractor Service Letters through Service Letter #285. This aircraft complies with all applicable Airworthiness Directives through Biweekly AD 2010-03, dated 02/01/2010.			
Jim Pollard - Air Tractor, Inc.			

Date	Aircraft - Total Time	Aircraft - Flights	Engine - Starts
February 3, 2010	0.5 Hours	3	3
I find that this aircraft meets the requirements for the certification requested and have issued a Special Airworthiness Certificate dated February 3, 2010. The next annual inspection is due on February 28, 2011.			
Rodger C. Holbert - [REDACTED]			

FROST Marianna,

Date: 02-22-10
Model: AT-602
INSTALLED WINGMAN SYS
MANUAL, REPORT 99-12. R
WEIGHT AND BALANCE RE
FLIGHT MANUAL. OPERAT
AIRCRAFT APPROVED FOR

Signature: [REDACTED]
MICHAEL N

FROST Marianna,

Date: 22 FEB 2010
Model: AT-602
INSTALLED SATLOC INTELSTAR
INSTALLATION GUIDE, P/N 875-0085
APPROVAL OF GNSS EQUIPMENT.
CHECK OF SYSTEM NORMAL. INST
DATE FOR DETAILS.

THIS AIRCRAFT APPROVED I
Signature: [REDACTED]

sts, Repairs and Alterations
Rating and Certificate Number of
work pages for other specific entries.)

Texas 76374

Engine - Starts

3

for N4196Y was test flown in
Form 1006, Revision 5/6/03.

Engine - Starts

3

Letter #285.
AD 2010-03, dated 02/01/2010.

Engine - Starts

3

have issued a Special Airworthiness
Letter #28, 2011.

FROST FLYING MAINTENANCE, INC.

Marianna, AR 72360

Phone: (870) 295-3776

Date: 02-22-10

N#: N4196Y

Hobbs: 3.0

Model: AT-602

S/N#: 602-1183

INSTALLED WINGMAN SYSTEM IN ACCORDANCE WITH INSTALLATION
MANUAL, REPORT 99-12. REVISION A, DATED 5/20/99 AND S.T.C. SA09466AC.
WEIGHT AND BALANCE REVISED BY COMPUTATION AND ENTERED IN
FLIGHT MANUAL. OPERATIONAL CHECK OF SYSTEM CHECKS NORMAL. THIS
AIRCRAFT APPROVED FOR RETURN TO SERVICE. SEE FORM 337 THIS DATE.

Signature: [REDACTED]

Date: 02-22-10

MICHAEL McCLENDON

FROST FLYING MAINTENANCE, INC.

Marianna, AR 72360

Phone: (870) 295-3776

Date: 22 FEB 2010

N4196Y

Hobbs: 3.1

Model: AT-602

S/N#: 602-1183

TTAF: 3.1

INSTALLED SATLOC INTELISTAR GPS SYSTEM AND INTELIFLOW IAW SATLOC AND DEL NORTE
INSTALLATION GUIDE, P/N 875-0085-001 AND DOCUMENT #17-A-1165 REV B AND AC 20-138A, AIRWORTHINESS
APPROVAL OF GNSS EQUIPMENT. WEIGHT AND BALANCE AMENDED. SEE FAA FORM 337 THIS DATE. OP'S
CHECK OF SYSTEM NORMAL. INSTALLED SINGLE POINT REFUELING SYSTEM, SEE FAA FORM 337 THIS
DATE FOR DETAILS.

THIS AIRCRAFT APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED.

Signature: [REDACTED]

CLAY EDGIN

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.)
--------------------	---------------------------	-------------------	-----------------------------	--

FROST FLYING MAINTENANCE, INC.

Marianna, AR 72360

Phone: (870) 295-3776

Date: 1 DEC 2010

N4196Y

Hobbs: 859.0

Model: AT-602

S/N#: 602-1183

TTAF: 859.0

C/W ANNUAL INSPECTION. REMOVED TAIL GEAR ASSY AND HORIZONTAL STRUTS. REPLACED LOCK PIN, LOWER HOUSING BEARING. REPLACED LOCK PIN PLATE. PAINTED ASSY AND INSTALLED TAIL GEAR ASSY WITH NEW HARDWARE. INSTALLED NEW TAIL WHEEL BEARINGS, RACES AND SEALS. INSTALLED STRUTS WITH NEW HARDWARE AND TORQUED ALL EMPENAGE. REPLACED BUSHINGS AND HARDWARE AS NEEDED IN RUDDER AND ELEVATOR TRIM SYSTEM. REPLACED L/H AFT ELEVATOR TRIM ROD. REPLACED FRESH AIR DUCT. REPLACED REAR SPAR BOLTS. NEXT REPLACEMENT DUE AT 1859.0 HRS TTIS. REPLACED FLAP TORQUE TUBE CLOSEOUT RUBBER. CHECKED AND TORQUED WING ATTACH ANGLES, NO CRACKS NOTED. REPLACED HOPPER DOOR SEAL. REPLACED WING WALK AS NEEDED. REPLACED BOTH BRAKE ROTORS AND ALL PADS. PACKED MAIN WHEEL BEARINGS. REPAIRED OR REPLACED AS NEEDED STRINGERS, SIDE SKINS AND ENGINE COWLING. CHECKED ALL EXTERIOR LIGHTING. ALL AD'S CHECKED THROUGH 2010-24. ALL WORK PERFORMED IAW MANUFACTURES MAINTENANCE MANUAL.

I certify this aircraft has been inspected in accordance with an Annual Inspection and is found to be in an airworthy condition.

Signature: [REDACTED]

MICHAEL McCLENDON [REDACTED]

YEAR 20 DATE	RECORDING TACH TIME	TODAY FLIGHT
--------------------	---------------------------	-----------------

FRO

Marianna

Date: 27 OCT 2011

Model: AT-602

C/W ANNUAL INSPECTION. R PAINTED TAIL SPRING AND H WITH NEW HARDWARE. REP. REPLACED BOTH INBD ELEV. HARDWARE. REPLACED LOW REPLACED BEARINGS, BUSHI REPLACED BEARING IN REAR REPLACED SEAL ON A/C CONI ATTACH ANGLES AND TORQU REPLACED BOTH REAR SPAR. BOTH BRAKE ROTORS AND PA REPAIRED AS NEEDED SIDE SH REPAIRED AS NEEDED EXTERI PERFORMED IAW MANUFACT

I certify this aircraft has b found to be in an airworth

Signature: [REDACTED]

, Repairs and Alterations
ing and Certificate Number of
ages for other specific entries.)

E, INC.
0) 295-3776

Hobbs: 859.0
TTAF: 859.0
RUTS. REPLACED LOCK PIN,
D INSTALLED TAIL GEAR ASSY
D SEALS. INSTALLED STRUTS
S AND HARDWARE AS
VATOR TRIM ROD. REPLACED
AT 1859.0 HRS TTIS. REPLACED
TACH ANGLES, NO CRACKS
D. REPLACED BOTH BRAKE
EPLACED AS NEEDED
IGHTING. ALL AD'S CHECKED
ANCE MANUAL.
ual Inspection and is

LONDON

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.)
--------------------------	---------------------------	-------------------	-----------------------------	---

FROST FLYING MAINTENANCE, INC.

Marianna, AR 72360 Phone: (870) 295-3776

Date: 27 OCT 2011 N4196Y Hobbs: 1860.0
Model: AT-602 S/N#: 602-1183 TTAF: 1860.0
C/W ANNUAL INSPECTION. REMOVED TAIL GEAR ASSY AND EMPENAGE. REPLACED TAIL WHEEL ASSY.
PAINTED TAIL SPRING AND HOUSING. REPLACED AXLE. INSTALLED TAIL SPRING AND HOUSING ASSY
WITH NEW HARDWARE. REPLACED CENTERING SPRINGS. INSTALLED EMPENAGE WITH NEW HARDWARE.
REPLACED BOTH INBD ELEVATOR HINGE BEARINGS. REPLACED PEDESTAL MOUNT BEARING AND
HARDWARE. REPLACED LOWER RUDDER HINGE BEARING. REPLACED ELEVATOR STOP BUMPERS.
REPLACED BEARINGS, BUSHINGS AND HARDWARE AS NEEDED IN ELEVATOR AND RUDDER TRIM SYSTEMS.
REPLACED BEARING IN REAR ELEVATOR PUSHROD. REPLACED RUDDER CABLE REAR PULLEYS.
REPLACED SEAL ON A/C CONDENSOR BOX. SHIMED RUDDER PEDALS AND SAFTIED. CHECKED WING
ATTACH ANGLES AND TORQUED. NO CRACKS NOTED. REPLACED BEARINGS IN INBD FLAP HINGE POINTS.
REPLACED BOTH REAR SPAR ATTACH BOLTS. NEXT REPLACEMENT DUE AT 2860.0 HRS TIS. REPLACED
BOTH BRAKE ROTORS AND PADS. REPLACED L/H MAIN TIRE. REPLACED BEARINGS IN LOWER SPRAY ROD.
REPAIRED AS NEEDED SIDE SKINS, TURTLE DECK, STRINGERS AND ENGINE COWLING. CHECKED AND
REPAIRED AS NEEDED EXTERIOR LIGHTING. ALL AD'S CHECKED THROUGH 2011-21. ALL WORK
PERFORMED IAW MANUFACTURES MAINTENANCE MANUAL.

I certify this aircraft has been inspected in accordance with an Annual Inspection and is
found to be in an airworthy condition.

Signature: [Redacted] STEVE RUSSELL [Redacted]

December 12, 2011 1864.6 Hobbs And Total Time

The weight & balance and the equipment list were updated. Applicable supplements added to the aircraft's flight manual. A complete functional test was performed and the installed equipment performed satisfactory and did not adversely affect existing components or systems in the aircraft. This aircraft is approved for return to service. George LT Grayson A& [REDACTED]

[illegible]

Repairs and Alterations

g and Certificate Number of
jes for other specific entries.)

Inspected in

inspection

y condition.

rt 43 app D.

2500

car p/n 40086-4

install 3

torgs on eye

pullers. Check

se. Check

new airfilter,

7 to date

er →

YEAR 20 <u>14</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				I certify that this Aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Inspected in accordance with <u>Far, Part 43 app D.</u> DATE <u>2-3-14</u> <u>[REDACTED]</u> TACH <u>2776</u> TOTAL TIME <u>2776</u> RUSSELL G. STEELEY
11/5	3194		3194	Checked cables; pulleys, replaced cables as needed, Replaced both main tires; tubes, replaced both brake discs; new linings, Installed new air filter, replaced fuel filters, Serviced batteries, checked control surfaces, serviced brakes, complied with AD 05-13- 12 checked torque on eye bolts, serviced tailwheel assy, Checked main gear, checked lights, repaired sheetmetal as needed, →

YEAR 20 <u>14</u> 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.)
11/5	3194		3194	Inspected in accordance with FAR Part 43 app. D
				I certify that this Aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthiness by [redacted]
				DATE <u>11/5/14</u> STEVEN R. GUSTIN [redacted]
				TAG <u>3194</u> TOTAL TIME <u>3194</u>

YEAR 20 _____
DATE _____

Annual inspection pe
inspected. Jacked plar
bolts, (1) NAS6608-32
cylinders and new linir
rod ends p/n RE4F6-2
sealed batteries (3). R
bulbs. Replaced rudder
elevator bearings, P19
70624-5-500, and the
return spring on fuel c
repaired sheet metal a
Spray system inspecte
Upgraded to Satloc G
lights. Researched AD
Stabilizer Spar Attach
aircraft with an Annu
in an airworthy condit
Brandon Goergen A&

Rating and Certificate Number of
:k pages for other specific entries.)

dance with FAR

been inspected in
inspection

AE 3194

20 _____

DATE _____

January 5, 2016

3698.3 Hobbs

3698.3 Aircraft Total Time.

Annual inspection performed, aircraft opened, cleaned, all moving parts lubed, and all structure inspected. Jacked plane and packed wheel bearings. Replaced (2) NAS148-66 bolts, (2) NAS154DH-32 bolts, (1) NAS6608-34 bolt, and 17.5X6.25-6 tire on tail gear. Installed new seals in Rt brake wheel cylinders and new linings on left brake. Replaced both rear spar bolts p/n NAS1309-23 and both aft flap rod ends p/n RE4F6-2. Removed old aircraft batteries, cleaned boxes, and installed Concorde RG24-20 sealed batteries (3). Replaced left A610 strobe flash tube, 305 tail nav bulb, and various instrument light bulbs. Replaced rudder trim quadrastat p/n 70987-1, MS14104-4 aft elevator control rod bearing and elevator bearings, P19-1 bushings and 30765-1 bushings in elevator trim system, both rudder cables p/n 70624-5-500, and the bottom control stick bolt p/n NAS1304-44. Installed 61128-1 wiper arm assembly, return spring on fuel cutoff knob, tuned up wing walk where needed, resealed leaking fuel panels, and repaired sheet metal as necessary. Performed diagnostic check on AmSafe Inflatable Restraint System. Spray system inspected, gate box seal and various hoses replaced along with all hopper lid latches. Upgraded to Satloc G4 navigation system and replaced landing lights with AERO LED landing/pulse lights. Researched AD notes and updated compliance list in aircraft records. C/W AD05-13-12 Horizontal Stabilizer Spar Attach Eyebolts by checking the eyebolt torque. **I certify that I have inspected this aircraft with an Annual inspection in accordance with FAR 43, app. D and it was determined to be in an airworthy condition. This aircraft is approved for return to service.**

Brandon Goergen A&P

YEA

20

N4196Y

April 2, 2017

Air Tractor AT-602

4155.4 Hobbs

S/N 602-1183

4155.4 Aircraft Total Time.

DATA Annual inspection performed, aircraft opened, cleaned, all moving parts lubed, and all structure inspected. Jacked plane and packed wheel bearings. Replaced (2) NAS148-66 bolts, (2) NAS154DH-32 bolts, and (1) NAS6608-34 bolt on tail gear. Installed new Rt Main 29X11-10 tire and Installed Hershey flying service wire cutter STC IAW STC instructions. Filed FAA Form 337 and updated weight and balance and equipment list. Sent in Amsafe ECU for refurbishment (Replacement due in 2024) then performed diagnostic check on AmSafe Inflatable Restraint System. Spray system inspected, gate box seal replaced, various hoses replaced, new Intelliflow control motor and valve replaced, spray pump and fan brake overhauled, new bushing in money handle bracket, new wingman auger hydraulic motor, and replaced Von Dron gate control motor relay and both diodes. Leak checked fuel system and replaced the PCB board in left auto fill motor. Also replaced the left elevator MS14104-4 bearings with new bearings and air tractor service kit, both aileron bellcrank pivot bearings P/N B-610, aileron trim tab bushings as required, various bushings and bolts in elevator trim system, the B100-06 flap coupler, the foam filter for the A/C evaporator, and the Rt cock pit door window. Greased aileron droop 90s. Serviced batteries, tested electrical system, replaced business band antenna, and repaired tail nav wires by rudder. Researched AD notes and updated compliance list in aircraft records. C/W AD05-13-12 Horizontal Stabilizer Spar Attach Eyebolts by checking the eyebolt torque. **I certify that I have inspected this aircraft with an Annual inspection in accordance with FAR 43, app. D and it was determined to be in an airworthy condition. This aircraft is approved for return to service.**
Brandon Goergen A&P [REDACTED]

YEAR

20

DATE

RECORDING
TACH
TIMETODAY'S
FLIGHT

the Approving Agency

YEAR 20 DATE	AD NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing and Method of Compliance
--------------------	--------------	-----------------------------	--

Air Tractor, Inc. 1584 Airport Road, P.O. Box 485, Olney, Texas 76374 FAA Production Approval Holder PC 2SW Airframe Airworthiness Directives		
AD 2009-11-05 Method of Compliance	06/01/2009	Cracks In The Engine Mount This AD is not applicable due to aircraft serial number.
AD 2008-26-01 Method of Compliance	01/28/2009	Overturn Skid Plate Kit This AD is not applicable due to aircraft serial number.
AD 2007-10-01 Method of Compliance	06/12/2007	Horizontal Stabilizer Brace Tube Assembly This AD is not applicable due to aircraft serial number.
AD 2006-23-14 Method of Compliance	12/21/2006	Rudder and Vertical Fin Hinge Attaching Structure This AD is not applicable due to aircraft serial number.
AD 2006-23-09 Method of Compliance	12/14/2006	Wing Main Spar Lower Caps The wing lower spar cap safe life for this aircraft is 6,500 hrs. TIS per paragraph (h); no inspections are required to reach this life per paragraph (f) of this AD. Wing Installation for this aircraft is P/N 20776-59; Wing Main Spar Lower Caps P/N 21121-1 & 21121-2 installed.
AD 2005-13-12 Method of Compliance	08/05/2005	Front and Rear Spar of the Horizontal Stabilizer <u>Recurring Airworthiness Directive</u> – This aircraft is equipped with Air Tractor P/N 30774-1 eyebolts. The next inspection and tightening of the eyebolts is due on February 3, 2011 in accordance with Air Tractor, Inc. Service Letter 129 dated October 21, 2004.
AD 2004-15-15 Method of Compliance	09/07/2004	Aft Fuselage Upper Longeron This AD is not applicable due to aircraft serial number.
AD 2002-19-10 Method of Compliance	11/15/2002	Upper Longeron and Upper Diagonal Tube This AD is not applicable and has been superseded by AD 2004-15-15
[Redacted Signature] Jim Pollard – Air Tractor, Inc., February 3, 2010		