

Aircraft Record General Information

Manufacturer: Air Tractor, Inc. **Model Number:** AT-502B

Serial Number: 502B-2821 **Registration Number:** N502KJ

Date of Manufacture: April 17, 2012

Engine installed:

Manufacturer: Pratt & Whitney **Model Number:** PT6A-34AG **Serial Number:** PCE-PH0759

Propeller installed:

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

Hub Model: HC-B3TN-3D **Serial Number:** BUA32219

Blade Model: T10282NS+4 **Serial Numbers:** L22236, L22245, L22237

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SPECIAL AIRWORTHINESS CERTIFICATE

A	CATEGORY/DESIGNATION	Restricted	
	PURPOSE	Agriculture and Pest Control / Forest	
B	MANU-FACTURER	NAME	N/A
		ADDRESS	N/A
C	FLIGHT	XXXX See attached operating limitations	
		XX Subject to D(2) on reverse side	
D	N- 502KJ		SERIAL NO. 502B-2821
	BUILDER Air Tractor, Inc.		MODEL AT-502B
E	DATE OF ISSUANCE April 17, 2012		EXPIRY Unlimited
	OPERATING LIMITATIONS DATED April 17, 2012		ARE PART OF THIS CERTIFICATE
	SIGNATURE OF FAA REPRESENTATIVE, Rodger C. Holbert		DESIGNATION OR OFFICE NO. [REDACTED]

Any alteration, reproduction or misuse of this certificate may be punishable by a fine not exceeding \$1,000 or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE TITLE 14, CODE OF FEDERAL REGULATIONS (CFR).

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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N502KJ Hobbs - 1705.5 Date - 12/1/2017 Prop TSN - 0.0

Inspected, lubed all controls, cables, pulleys and flap jackscrew. Installed 2 new rudder cables and saftied. Installed new tail spring forward bolt. Disassembled tail fork housing, Installed new tail tire/tube, serviced tail wheel bearings with Mobil 28. Serviced main landing gear wheel bearings with Mobil 28, installed 2 new main tires and tubes and reinstalled. Installed new left and right brake disc and 24 new brake pads. Installed new bushings/hardware in elevator trim. Installed new rudder pedal bushings in left and right pedals. Performed AMSAFE seat belt air bag system check in accordance with AMSAFE ICA E509129 Rev D, function check good. Cap checked both RG24-20 batteries, passed.. Evacuated air cond system, installed flouro check dye and reservised with 3.0 lbs R134A Freon. Removed air Cond compressor drive assy and rebuilt with new bearings. Performed AD research and found no AD's due at this time. Removed propellers/S/N BUA32219 for overhaul and installed BUA32361, O time since new, using all new B3339 bolts and A2048 washers. Torqued and saftied. All work done in accordance with Air Tractor Maintenance Manual. Ground ran aircraft and leak check/function good. I certify that this aircraft has been inspected in accordance an annual inspection and was determined to be in airworthy condition.

Andrew Beckman [redacted] end-----

N502KJ Hobbs - 2045.2 Date - 1/1/2019

Inspected, lubed all controls, cables, pulleys and flap jackscrew. Installed 2 new rudder cables and saftied. Installed new tail spring forward bolt. Disassembled tail fork housing, Installed new tail tire/tube, serviced tail wheel bearings with Mobil 28. Serviced main landing gear wheel bearings with Mobil 28, installed new LH main tires and ^{tubes} and reinstalled. Installed new left and right brake disc and 24 new brake pads. Installed new rudder pedal bushings in left and right pedals. Performed AMSAFE seat belt air bag system check in accordance with AMSAFE ICA E509129 Rev D, function check good. Cap checked both RG24-20 batteries, passed.. Evacuated air cond system, installed flouro check dye and reservised with 3.0 lbs R134A Freon. Removed air Cond compressor drive assy and lubed bearings and inspected quill shaft. Performed AD research and found no AD's due at this time. All work done in accordance with Air Tractor Maintenance Manual. Ground ran aircraft and leak check/function good. I certify that this aircraft has been inspected in accordance an annual inspection and was determined to be in airworthy condition.

Caleb Merchant [redacted] end-----

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)
1/1/2019	2045.2	—	—	Removed AM Safe control module and replaced with overhauled module per Am Safe ICA E509129 Rev D. Next replacement date is 05/23. Function resrgd. P/N 508 358-421 [REDACTED] [REDACTED] S/N RA18 May 18-45

N502KJ Hobbs - 2305.6 Date - 11/1/2019 Start Gen TSO - TSO 861.7 Prop TSN - 600.1

Inspected, lubed all controls, cables, pulleys and flap jackscrew. Installed new tail spring forward bolt. Disassembled tail fork housing, installed new tail tire/tube, serviced tail wheel bearings with Mobil 28. Serviced main landing gear wheel bearings with Mobil 28, installed new R/H main tires and tube and reinstalled. Installed new right brake disc. Performed AMSAFE seat belt air bag system check in accordance with AMSAFE ICA E509129 Rev D, function check good. Cap checked both RG24-20 batteries, Left battery passed, installed new RG24-20 battery in right position. Installed new air conditioner compressor, drive bearings and quill shaft. Evacuated air cond system, installed flouro check dye and reserviced with 3.0 lbs R134A Freon. Removed air Cond compressor drive assy and lubed bearings and inspected quill shaft. Performed AD research and found no AD's due at this time. All work done in accordance with Air Tractor Maintenance Manual. Ground ran aircraft and leak check/function good. I certify that this aircraft has been inspected in accordance an annual inspection and was determined to be in airworthy condition.

[REDACTED] end
Kurt Franklin [REDACTED]

