



YEA

1957 330th Street, Spencer, Iowa 51301

DAT

N3169H

TYPE Air Tractor 301

SN 301-0572

n or Repair

Date 4/11/2018

Tach 3315.4

AFTT 3315.4

ESMOH 1189.9 ETT 7342.9

Complied with Annual inspection on this aircraft. Removed alternator and voltage regulator and sent to Quality Aircraft Accessories for testing. Installed voltage regulator that tested good and installed a new alternator p/n 7655T, s/n H-T080889. Removed alternator field switch and installed a new switch p/n MS35058-22. Removed LH and RH elevators and replaced elevator hinge bearings p/n MS14104-4, reinstalled elevators. Removed belly pan to gain access to a crack in the tubular structure just forward of the horizontal. Location of the crack was in a diagonal that was just aft of the first cluster forward of the horizontal along the belly. See 337 for the repair done by Byker Aviation. Installed a doubler over a crack on the belly pan. Reinstalled the belly pan after cleaning the weld repair, priming, and painting. Removed LH wing tip to install a doubler on the trailing edge of the wing tip in accordance with AC43.13-1B paragraph 4-58 (d.) Removed outboard two center wing ribs and replaced 2nd rib inboard of the tip with a new rib p/n 20106-1, reinstalled 1st rib, and wing tip. Replaced 2 bolts in the pilot control stick mount with close tolerance bolts p/n AN174-20. Removed RH brake caliper and installed new orings p/n MS28775-132. Bled the brake. Removed RH caliper and installed new brake pads p/n RA066-10800. Removed main wheels and tail wheel, cleaned bearings, greased, and reinstalled. AD2008-09-10, wing spar inspection next due at 3500 hours. AD2005-13-12 replaced horizontal spar eye bolt p/n AN44-17A and AN44-21A with new nuts and

torqued in accordance with Snow Engineering Co. SL # 129, eye bolt replacement next due at 4665.9, torque check due 4/2019. AD92-07-14 complied with at this time via visual inspection of the aluminum wing spar caps, no defects noted at this time, next due, 4/19. AD99-11-02 complied with at this time by visual inspection of cylinder assemblies, next due at 3415.9. I have inspected this aircraft IAW an Annual inspection and have determined it to be airworthy.

or Repair

Jon Hengewald A&PIA

YEAR 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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1957 330th Street, Spencer, Iowa 51301

N3169H

TYPE Air Tractor 301

SN 301-0572

Date 6/23/2017

Tach 3180.4

AFTT 3180.4

ESMOH 1054.4

ETT 7207.4

Complied with Annual inspection on this Engine. Compression 1) 74/80 2) 78/80 3) 72/80 4) 79/80 5) 66/80 6) 76/80 7) 68/80 8) 68/80 9) 78/80. Changed Oil and filter, serviced with 8 gallons Phillips 25W60 oil. Shimmed cylinders #3 .050, #5 .050, #6 .125, #7 .090, and #9 .090. Replaced air cleaners with 3 new pn CA161PL. Complied with AD 99-11-02 by visual inspection of cylinders, no cracks found, next due 3280.4 hrs. Removed starter and installed overhauled starter p/n 1416-201J s/n 4617 with a new gasket. Removed LH and RH magnetos and installed overhauled Bosch SB9RU-/C-3, LH p/n AN-9511 s/n B-12206, RH p/n AN-9511, s/n BB-29629, magnetos were timed to the engine I have inspected this Engine IAW an Annual inspection, and have determined it to be airworthy.

Jon Hengeveld A&PIA

7/28/17	3228 ⁴⁹			Oil changed 8gal of Phillips 25-65 oil Filter cut open + Inspected Greased Airframe/Ring [REDACTED]
8/2/17	3280 ⁰⁰			Oil changed 8gal Phillip XC 25W65 oil w Filter cut open + Inspected [REDACTED]

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pages for other specific entries.)

ETT 7207.4

78/80 3) 72/80
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.125, #7 .090,
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removed starter
t. Removed LH
N-9511 s/n B-
ne I have

Phillips 25-65 oil
Greased Airframe Pump

C 25W65 oil W

had



1957 330th Street, Spencer, Iowa 51301

N3169H

TYPE Air Tractor 301

SN 301-0572

Date 4/11/2018

Tach 3315.9 AFTT 3315.9 ESMOH 1189.9 ETT 7342.9

Complied with Annual inspection on this Engine. Compression 1) 79/80 2) 78/80 3) 62/80 4) 68/80 5) 73/80 6) 76/80 7) 76/80 8) 70/80 9) 79/80. Changed Oil and filter, serviced with 8 gallons Phillips 25W60 oil. Removed oil screen and cleaned, reinstalled. Cleaned, gapped, and inspected spark plugs. Installed 9 new UREM40E plugs in the front location of the cylinders. Loosened exhaust and squared flanges with cylinders, added a shim under #3 flange and installed a new exhaust stud to #3 cylinder. Replaced air cleaners with 3 new p/n CA161PL. Complied with AD 99-11-02 by visual inspection of cylinders, no cracks found, next due 3415.9 hrs. Removed starter for repair, re-installed repaired starter p/n 1416-201J s/n 4617 with a new gasket. Removed alternator, installed new alternator p/n 7655T s/n J-R080889. Checked mag timing, adjusted internal points on the RH mag. Removed valve covers and adjusted valve timing to .010, reinstalled valve covers with new gaskets. I have inspected this Engine IAW an Annual inspection and have determined it to be airworthy.

Jon Hengeveld A&P/A

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entries.)

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

[illegible]