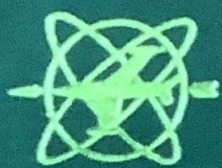


N3589X



The Standard

AIRCRAFT LOG



www.beaconregistration.hawaii.gov

Exp.: 12-03-2023

ADCC5 10424 0029D

If activated, call the AFKCI at

1-800-851-3051

ASA-SA-1

N3589X

RE



The Standard

ENGINE LOG

ASA-SE-1

Date: 07/31/2023 N3589X 31-8052138
Flt. Hobbs: 6359.5 ACTT: 23052.6 Blg. Hobbs: 1729.8
AD09-13-16R1 nose baggage door cw by inspection; insp due 6459.5/23152.6TT. replacement due 6789.0/23482.1TT.
AD13-10-04 LH and RH exhausts cw by inspection, due 6419.5/23112.6TT or 1/24.
AD15-19-07 LH and RH fuel injection lines cw by inspection, due 6469.5/23162.6TT.
Billy H. Miller Jr. AP [REDACTED] [REDACTED]

Registration: N3589X
WO23-0147
Engine
Make: Lycoming
Model: LTIO-540-J2BD
Serial: L-2462-68A



www.AtlasAeroService.com

Date: 05/17/2023
Tach: NA
Hobbs: 6256.4
Engine
TSMOH: UNK
Total Time: UNK

1) Complied with AD 13-10-04, Exhaust Inspection per detailed AD instructions. No defects noted. **Next Due @ Hobbs: 6318.4**
 2) Removed & replaced right hand engine dual magneto in reference with LTIO-540 Maintenance Manual. P/N Off: 10-682910-18, S/N Off: 603AA059R, P/N On: 10-682910-18. S/N On: G17H02R. Operational check conducted and is satisfactory.

Jacob Pribbenrow	A&P	Date: 05/17/2023
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Lycoming TIO-540-J2BD s/n L2462-66A RH of N3589X
5/23/2023 Hobbs 6259.5
Right engine won't start. Checked "p" leads for proper orientation. Checked starter vibrator wire continuity to mag. Checked power into starter vibrator and power thru starter switch to mag. No defects found. Noted some residue leaking from left capacitor and replaced. Engine still not firing. Checked mag timing and point gaps, no defects. No wire chafing on top of magneto. Replaced magneto with overhauled supplied magneto and engine started. Removed part number 10-682910-18 s/n G17H02R and installed s/n C249711GR, 8130-3 from QAA in records. Top charged battery. Ground run checks good.

Todd Myers

WO# 2621

A

RE LTIO-540-J2BD SN L-2462-68A ACTT: 23052.6
Date: 07/31/2023 Flt. Hobbs: 6359.5 878.8 SMOH TTE: 7642.3
AD15-19-07 fuel injection lines cw by inspection, due 6469.5/23162.6TT.
Billy H. Miller Jr. AP [REDACTED] [REDACTED]

10/28/2022 N#: N3589X MODEL: PA-31-350 SN: 318052138 Hobbs meter: 6079.8

Removed Right hand vacuum pump P/N RAP442CW-6, S/N D9703, Installed Overhauled Right hand Vacuum pump P/N AA442CW-6, S/N 102T10, and New Vacuum pump Oil Seal. Removed and installed New inlet filter and inline filter in reference to Piper Navajo Chieftain Service manual Pg. 3A15 and 3A16, Sub parts 10-11, 10-12. Leak check and operational check good. No other defects found at this time.

Travis Trail A&P

Date: 12/08/2022 N3589X

Flt. Hobbs: 6104.2 TT: 22797.3 B. Hobbs: 1447.6

09-13-06R1 cw nose baggage door inspection iaw (f)(2); next due 6204.2/22897.3TT.

13-10-04 cw by inspecting LH and RH exhausts; next due 6164.2/22853.3TT or 6/2023.

15-19-07 cw by inspecting LH and RH fuel injection lines; next due 6214.2/22907.3.

Billy Miller, Jr AP

Date: 01/13/2023

N3589X

31-8052138

Flt. Hobbs: 6124.4

ACTT: 22817.5

Blg. Hobbs: 1471.2

Replaced LH emergency fuel pump w/OH PN 42113-006 SN 61924; SN OFF 6537. Replaced LH alt out light PN A00251-2. Replaced RH IB fuel cell w/NEW PN 5712 SN CR927. Replaced pilot windshield with SVC from C-FCWW.

AD09-13-16R1 nose baggage door cw by inspection; insp due 6224.4/22917.5TT, replacement due 6789.0/23482.1TT.

AD13-10-04 LH and RH exhausts cw by inspection, due 6184.4/22877.5 or 7/23.

AD15-19-07 LH and RH fuel injection lines cw by inspection, due 6234.4/22927.5TT.

D. McLain Walker AP

RE LTIO-540-J2BD SN L-2462-68A ACTT: 22698.4

Date: 08/11/2022 Flt. Hobbs: 6005.3

524.6 SMOH

TTE: 7288.1

Inspection completed using Lycoming and Piper guides. Comp test - all 66/80 or better. Changed oil and filter. Checked filter and screen, no metal noted. Serviced with 11 quarts Phillips 20W-50. Replaced URHB37E spark plugs with new. Air filter element replaced. Cleaned fuel injectors. Replaced mag with OH PN D6RN-3200 (10-682910-18) SN G17H02R. Replaced EGT probe with new PN 55841-02PN. Replaced brushes in alternator with new. Engine washed and ground run. Ops check good, no leaks noted.

AD15-19-07 fuel injection lines cw by inspection, due 6115.3/22808.4TT.

I certify that this engine has been inspected iaw an annual inspection and has been determined to be in an airworthy condition at this time.

Billy Miller, Jr AP

RE LTIO-540-J2BD SN L-2462-68A ACTT: 22741.6

Date: 09/29/2022 Flt. Hobbs: 6048.5

567.8 SMOH

TTE: 7331.3

Changed oil and filter. Checked filter and screen, no metal noted. Serviced with 11 quarts Phillips 20W-50. Removed magneto PN 10-682910-18 SN G17H02R, replaced with SVC SN G03AA059R. Engine washed and ground run. Ops check good, no leaks noted.

AD15-19-07 fuel injection lines cw by inspection, due 6158.5/22851.6TT.

D. McLain Walker AP

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

SEE AIRFRAME ENTRY

12/03/2022 c 6104.2

RE

LTIO-540-J2BD

SN L-2462-68A

ACTT: 22817.5

Date: 01/13/2023

Flt. Hobbs: 6124.4

643.7 SMOH

TTE: 7407.2

AD15-19-07 fuel injection lines cw by inspection, 6234.4/22927.5TT

D. McLain Walker AP

May 23, 2022 N3589X Hobbs 5945.8 Airframe

Piper PA31-310 Navajo Serial Number: 31-8052138

Complied with AD 09-13-06 R1 Nose Baggage Door by visual inspection and verified key will only come out in lock position, no defects noted, Next Due Hobbs 6045.8. Complied with AD 13-10-04, effective date July 17, 2013, By visual inspection of LH and RH exhaust, no defects noted, Next Due 6005. Complied with AD 15-19-07 By visual inspection of both LH and RH fuel injection lines, no defects noted, Next Due 6055.8. Stephen J. Griffin A&P [REDACTED] A [REDACTED]

MAKE: Piper
MODEL: PA-31-350
S/N: 31-8052138
REG. NO: N3589X
WORK ORDER: 22056

Salem Air Center

DATE: 7/15/2022
A/C TSN:
HOBBS: 5977.7

Airframe Entries

Removed left hand top cowl. Fabricated fastener backing, reinstalled... Removed right engine top cowl to inspect possible fuel leak and loose rivets, reinstalled cowl. Removed right hand lower wing fillet panel and inspected fuel pump, valve and lines for leaks. Borescoped wheel well and wing cavities and determined a leaking fuel bladder is most likely the issue. Reinstalled panes.

DATE: 7/15/2022

SIGNED:

Hunt David, A&P: [REDACTED] A

Work Order: 22056

Printed by EBIS 3 (datamedia.com)

Date: 08/11/2022
Flt. Hobbs: 6005.3
LE: 524.6 SMOH
RE: 524.6 SMOH
Heater: 1679.0

N3589X
ACFT: 22698.4
TTE: 4818.8
TTE: 7288.1
P/S-X done: 1/2022

Blg. Hobbs: 1334.7
LP: 1648.7 SPOH
RP: 524.6 SPOH
TTP: 8005.3
TTP: 7003.2

ELT due: 9/24

Inspection accomplished iaw Piper and Lycoming guides. Inspected ELT iaw FAR 91.207d, battery pack due 8/23. Replaced all fuel cap o-rings. All filters replaced. Serviced brakes and power pack. Replaced oxygen bottle assembly with inspected PN 800112-13 SN C05090291/ PN 800114-04 SN C05090224; HST due 07/25, replacement due 6/29. LH engine turbo to tailpipe clamp replaced with new PN NH1005798-10. All brake linings replaced with new RA066-06800 (x24). LH main tire and tube replaced with new 6.50-10/8. Ground terminal strap replaced with new PN 14069-002. RH Aux OB fuel probe replaced with new PN 55841-02PN. NLG trunnion replaced with SVC PN 45316-03. Shimmy damper replaced with new PN 015-00100 (Cleveland) and new rod end PN 452-334. Replaced HSI with OH PN 066-3046-00 KI-525A. All ops check good.

-----CONTINUES 1 of 2 -----

YEAR:	RE TA TI
DATE	
SAVANNAH	
N3589X TACH 5717.0	LYCOMING, LTIO-540-J2BD, S/N: L-2462-68A October 21, 2021
1. Drained R H engine oil, removed oil filter, opened, inspected for metallic debris (none noted), installed new oil filter P/N AA48103-2. Serviced engine with 12 Qts of Phillips 20w-50 X G. Performed ground run up, ops check good, no leaks noted.	
2. AD 2013-10-04 R H Engine Exhaust System Inspection, C/W by inspection. Next due date: 04/21/2022 or Tach. 5777.0.	
All maintenance completed in accordance with applicable sections of the manufacturer's maintenance manual. All operational rigging and functional checks tested satisfactorily. I certify that the maintenance identified above has been inspected and the items are approved for return to service. Details of work performed are on file with Savannah Aviation under work order WO 007961.	
Andrew Hitchcock A&P [REDACTED] A [REDACTED]	

RE
Date: 01/04/22
Flt. Hobbs: 5789.0
Changed oil and filter. Filter and screen checked, no metal noted. Serviced with 11 quarts Phillips 20w50 and AA48104-2 filter. Spark plugs replaced, URHB37E. Inspected fuel injector lines iaw AD15-19-07, due 5898.0/22592.1 AFTT. Engine washed and ground run.
Frank May A&P [REDACTED] A [REDACTED]

May 23, 2022 N3589X Hobbs 5945.8
Piper PA31-310 Navajo Serial Number: 31-8052138
Right Engine Lycoming TIO-540-J2B Serial Number: RL-2396-6

Drained oil and removed oil filter, installed new oil filter P/N AA48103-2 and saftied, serviced engine with 11 quarts of Phillips 66 20W50, inspected used oil filter element - no defects noted. Removed spark plugs, inspected, serviced, rotated and reinstalled each with 30lbs torque. Stephen J. Griffin A&P [REDACTED] A [REDACTED]