

N298AT

LYCOMING

ENGINE LOG

SSP-1872-1

LYCOMING

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING T10-540-AH1A RL-13662-61A
MAKE MODEL SERIAL

FROM sep 30 20 11 TO _____ 20 _____

DETAILING TIME FROM 0 TO _____
HOURS HOURS

Hobbs 1752.3 HOURS

SSP-1872-1

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October 1994

Place Engine Certificate Here

Mfgr.

Type

Rated

Rated

Bore

Comp

Reduc

Prope

Blade

Max. h

Pitch

Name

Addre

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place	Williamsport, PA 17701	Date
Type		Model		Serial No.
Rated H.P.		Max. H.P.		Weight (Dry)
Rated R.P.M.		Max. R.P.M.		Oil Pressure
Bore		Stroke		Displacement
				Cu. In.
Compression Ratio		Supercharger Ratio		
Reduction Gear Ratio				
Propeller		Hub Design		Hub Serial No.
Blade Design		Blade Serial No.		Blade Serial No.
Max. Hub H.P.		Max. Blade H.P.		
Pitch		Diameter		Length
Name				
Address				

LYCOMING

A Textron Company

Form No. 2481 (3/04-LM)

Date

652 Oliver Street
Williamsport, PA. 17701 U.S.A.

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **TIO-540-AH1A**

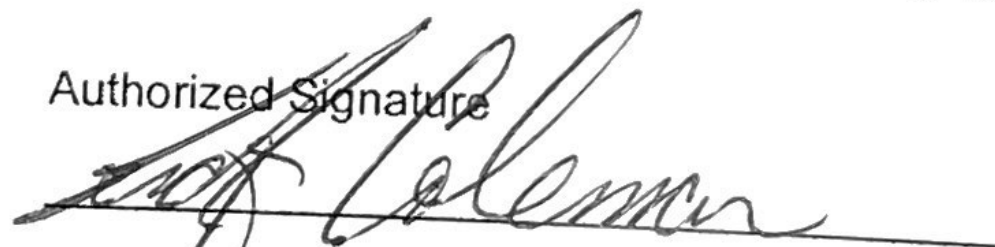
Serial #: **RL-13662-61A**

Total Time: **0.0**

Work Order #: **TS510863**

Date Completed: **8/29/11**

Authorized Signature



Lycoming Engines

652 Oliver Street
Williamsport, PA. 17701
Production Certificate # 3

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
SEPTEMBER 30, 2011				N298AT	
HOBBS: 1752.3				PA32R-301T, S/N: 3257069	
TSN: 0 T5FR			Lycoming TIO-540-AH1A, S/N: RL-13662-61A		
1. Install zero time, factory rebuilt engine, TIO-540-AH1A, S/N: RL-13662-61A. Engine installed using new engine mounts and hardware. Major parts and accessories are zero time since new or overhaul, (all accessories are new unless P/N is succeeded by -85, or -70.) Pam injector, P/N: 61M26025 / Slick Mags, L/H P/N: 66LC35SDNP, S/N: 11070982, R/H P/N: 66LP-0SCNP, S/N: 11050999 / Crankcase match #: K0159 / Crankshaft S/N: V537956466 / Sky-tec Starter P/N: 31B22101, S/N: F4P-261101 / Fuel pump P/N: 62E23186, S/N: H-OGN079FP / Alternator P/N: 32C22492, S/N: K061480 / Turbocharger P/N: 46C19836, S/N: H-OFL00081 / Bypass valve P/N: 47J22459-85, S/N: H-OFO00117 / Press. Controller P/N48B22488, S/N: H-OGN00090 / AB Press. Controller, P/N: LW-14445-12, S/N: H-OGN00195. (ex. AC compressor from old engine). Service with 12qts Phillips XC 20-W50, install new oil filter.					
2. C/W SB 1092B, Engine mount repaired and bracket assembly P/N: 104642-002, installed per SB. Work accomplished by Kosola and Associates under WO# 09898, see 337. All new hardware used on installation of repaired engine mount.					

a *cont* →
next page

ENGINE LOG

Serial No.

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Number

3. Install Oil coolers P/N: 10864A, S/N's: 217, & 243, overhauled by Pacific Oil Cooler Service under WO # 83712 & 83713.
4. Install Propeller Model # HC-I3YR-1RF, Hub S/N: HK322A, overhauled by South Coast Propellers under WO# SR-7630.
5. All flex hoses fire wall forward are new, (ex. AC compressor lines).
6. Install new Donaldson air filter.
7. C/W AD95-26-13, Oil cooler hose assemblies. New hoses installed w/ engine.
8. C/W AD 10-13-07, Spot-welded V-band exhaust couplings. Install new P/N: 40D23255-340M, V-band coupling.
9. All AD's thru August 29, 2011 C/W at rebuild.
10. Prior to installation of engine C/W SI 1472, removal of preservative oil from engine.
11. All V-band clamps installed per SI 1238B.
12. C/W SI 1241C, Pre-oiling of engine prior to initial start.
13. Ground run and leak check of engine I/A/W SI 1427C. Leak check and runs satisfactory.
14. This ENGINE REQUIRES a 2hr engine break-in / test flight. Per SI 1427C.

I certify that this engine has been inspected I/A/W a 100hr inspection and was found to be in airworthy condition at this time and is returned to service.


C. Deven Mundy A&P 2848967
Gadsden Aviation LLC. 256-442-5111

Serial No. _____

[illegible]


ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
	JANUARY 6, 2012				N298AT
	HOBBS : 1765.9				PA32R-301T, S/N: 3257069
	TSFR: 13.6		Lycoming TIO-540-AH1A, S/N: RL-13662-61A		
	<ol style="list-style-type: none"> 1. Change oil and filter, pull and inspect screens. Service with 12qts Aeroshell 15W-50 and new filter P/N: AA48110-2. Cut open old filter and inspect. 2. Inspect engine area, wash engine area with mineral spirits. Ground run engine and inspect for leaks. 				
	This engine is returned to service.				
	C. Deven Mundy A&P2848967 				
	Gadsden Aviation LLC. 256-442-5111				
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
MAY, 10 2012					
HOBBS: 1795.6			PA32R-301T, S/N: RL-13662-61A		
TSFR: 43.3			LYCOMING TIO-54O-AH1A, S/N: RL-13662-61A		
1. Change oil and filter, pull and inspect screens, oil sample taken midstream.					
Service with 10 qts Areoshell 15w-50, and new AA48110-2 filter installed, cut open old filter and inspect , no debris noted.					
2. Inspect engine area, wash down engine w/ mineral sprits, ground run engine and inspect for leaks.					
This engine is returned to service.					
C. Deven Mundy A&P 2848967 					
Gadsden Aviation LLC. 256-442-5111					
			Brought Forward		
			Total to Date		

All repair data must bear the endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

DECEMBER, 31 2012

Date HOBBS: 1834.6

TSFR: 82.3

N298AT

PA32R-301T, S/N: 3257069

License
Number

Lycoming TIO-540-AH1A, S/N: RL-13662-61A

1. Performed annual inspection I/A/W FAR part 43 App. D and the requirements as listed in the PA32R—301T Maintenance manual.
2. Compression test results: 1-79, 2-80, 3-79, 4-79, 5-79, 6-79.
3. Install new Safe-Air oil drain valve.
4. Install new Donaldson air filter, P/N: P151936.
5. Change oil and filter, service with 10qts Aeroshell 15W-50. Install new AA48110-2 filter. Clean oil sump screen, cut open old filter and inspect. Oil sample taken midstream and sent to Blackstone laboratories for analysis.
6. C/W AD 95-26-13, Oil cooler hoses, by visual inspection.
7. C/W AD 11-26-04, ridge fuel lines by visual inspection.

I certify that this engine has been inspected I/A/W an annual inspection and was found to be in airworthy condition at this time and is returned to service.

C. Deven Mundy A&P 2848967 IA
Gadsden Aviation LLC. 256-442-5111

ENGINE LOG

Serial No. _____

License
per

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

February 19, 2014

Hobbs: 1880.2

TSMOH: 127.9

TT: 127.9

Inspected engine in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Compression as follows: #1-78/80, #2-78/80, #3-77/80, #4-76/80, #5-78/80, #6-78/80. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Reset magneto to engine timing and tested leads. Drained engine oil and removed oil filter. No Contaminants Found. Installed new Ch48110-1 filter and serviced engine with 12 qts of Aeroshell 15W50. Sent oil sample for analysis. Removed all rocker covers due to oil seepage and installed new RG-67193 silicone gaskets. Researched A.D.'s through bi-weekly 2014-02. Complied with A.D. 11-26-04 (Fuel Injector Lines). I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Michael S. Tallant
Michael S. Tallant A&P 3477617 I.A.

			Page Total
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			Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
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ENGINE LOG

Serial No. _____

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

May 15, 2014

N298AT

Hobbs: 1939.3

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

6/24/14

Hobbs: 1980.1

Complied with A.D. 11-26-09 by visual inspection.

Michael S. Tallant 3477617

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ENGINE LOG

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

Serial No. _____

License
Number

July 16, 2014

N298AT

Hobbs: 1990.0

Drained engine oil and removed oil filter. No Contaminants Found. Installed new Ch48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

January 29, 2015

N298AT

Hobbs: 2070.7

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 oil filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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ENGINE LOG

Serial No. _____

March 12, 2015

Hobbs: 2079.1

Eng.TSMOH: 326.8

Eng.TT: 326.8

- Inspected engine in accordance with Piper PA32R-301T Checklist and FAR43, Appendix "D".
- Compression as follows: #1-72/80, #2-72/80, #3-74/80, #4-74/80, #5-73/80, #6-76/80. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Checked magneto to engine timing and tested leads. Installed GAMI fuel injectors in accordance with STC SE09445SC and Installation Procedure No. IP-98-002. See FAA Form 337 this date for details. (GAMI Kit # GLVT20-6, s/n 24400)
- Researched A.D.'s through bi-weekly 2015-04. Complied with A.D. 11-26-04 (Fuel Injection Lines). I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Michael S. Tallant

Michael S. Tallant A&P 3477617 I.A.

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

June 2, 2015

Hobbs: 2124.0

TSMOH: 371.7

TT: 371.7

- Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 oil filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

ENGINE LOG

Serial No. _____

License
Number

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_{Pon} T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

N298AT

Hobbs: 2153.7

August 12, 2015

Removed #4 GAMIfector "VC" and installed "VA" GAMIfector supplied by GAMI per GAMI Installation Procedure No. IP-002 steps 1-4. Operational check performed satisfactory. Complied with A.D. 11-26-04 (Fuel Injector Lines).

Michael S. Tallant

Michael S. Tallant 3477617 A&P

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

N298AT

Hobbs: 2173.6

September 11, 2015

Drained engine oil and removed oil filter. No Contaminants Found. Installed new Ch48110-1 oil filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

Serial No. _____

Hobbs: 2222.2

TSMOH: 469.9

Eng.TT: 469.9

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per

— Inspected engine in accordance with Piper PA32-301T Checklist and FAR 43, Appendix "D".
 — Compression as follows: #1-76/80, #2-77/80, #3-78/80, #4-78/80, #5-77/80, #6-76/80. Drained
 — engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced
 — engine with 11 qts of Aeroshell 15W50. Adjusted magneto to engine timing and tested leads. Cleaned fuel
 — injectors and reinstalled with new seals p/n 630979-9 and rubber washers p/n 640612. Researched
 — A.D.'s through bi-weekly 2016-04. Complied with A.D. 15-19-07 (Fuel Injector Lines) I certify that this
 — engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy
 condition.

Michael S. Tallant
Michael S. Tallant A&P 3477617 I.A.

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ENGINE LOG

Serial No. _____

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T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

August 31, 2016

N298AT

Hobbs: 2273.4

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

December 21, 2016

N298AT

Hobbs: 2328.2

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

ENGINE LOG

Serial No. _____

Da **April 10, 2017**

Hobbs: 2358.2

TSMOH: 605.9

Eng.TT: 605.9

Inspected engine in accordance with Piper PA32-301T Checklist and FAR 43, Appendix "D".

Compression as follows: #1-74/80, #2-73/80, #3-76/80, #4-73/80, #5-75/80, #6-74/80. Removed, cleaned, gapped, tested, rotated and reinstalled spark plugs. Checked magneto to engine timing and tested leads. Replaced #1 intake gasket p/n 71973 and seal p/n 72711. Researched A.D.'s through bi-weekly 2017-06. Complied with A.D. 15-19-07 (Fuel Injector Lines). I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Michael S. Tallant

Michael S. Tallant A&P 3477617 I.A.

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

June 15, 2017

N298AT

Hobbs: 2379.5

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

T&J Aviation, Inc.

Serial No

Pontotoc County Airport

Pontotoc, MS (662)419-3534

License
Number

September 28, 2017

N298AT

Hobbs: 2408.5

Removed fuel servo, flow divider and both magnetos due to a hard starting problem. Sent fuel system parts to Aircraft Carburetor and Injection, Dallas TX for repairs. (See FAA Form 8130). Installed new points p/n M3081, condensers p/n K3984 and seal kit p/n K3307 in both magnetos. Reinstalled and timed magnetos to engine. Reinsatalled fuel system. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

December 6, 2017

N298AT

Hobbs: 2428.5

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 oil filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.

Michael S. Tallant

Michael S. Tallant 3477617 A&P

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No. _____

May 18, 2018

Hobbs: 2462.6

Eng.TSMOH: 710.3

Eng.TT: 710.3

Inspected engine in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D".

Compression as follows: #1-78/80, #2-75/80, #3-78/80, #4-74/80, #5-75/80, #6-76/80. Checked magneto to engine timing and tested leads. Removed, cleaned, tested, rotated and reinstalled spark plugs. Researched A.D.'s through bi-weekly 2018-10. Complied with A.D. 15-19-07. (Fuel Injector Lines)

I certify that this engine has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

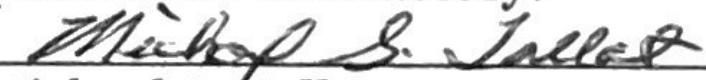

Michael S. Tallant A&P 3477617 I.A.

May 25, 2018

N298AT

Hobbs: 2468.3

Drained engine oil and removed oil filter. No Contaminants Found. Installed new CH48110-1 filter and serviced engine with 11 qts of Aeroshell 15W50. Operational check performed satisfactory.


Michael S. Tallant 3477617 A&P

			Page Total
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ENGINE LOG

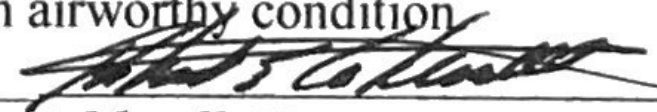
Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

June 1, 2019 **Hobbs: 2480.2** **Eng. TSMOH: 727.9** **Eng. TT: 727.9**

Inspected engine in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Compression as follows: #1 74/80, #2 75/80, #3 76/80, #4 75/80, #5 75/80, #6 76/80. Checked magneto to engine timing and tested leads. Installed 12 new Champion RHB365 Spark Plugs. Drained engine oil, cut oil filter open. No contaminants found. Replaced oil with 11 Qts Aeroshell 15W50. Replaced oil filter Champion CH48110-1. Researched AD's through 2019-5. Complied with AD 15-19-07 (Fuel Injector Lines). I certify this engine has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.


 Robert S. Caldwell, III A&P 3256723, I.A.

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

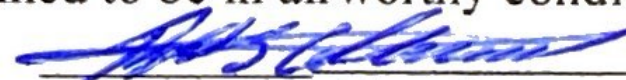
December 29, 2020

Hobbs: 2503.3

Eng. TSMOH: 751.0

Eng. TT: 751.0

Inspected engine in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Compression as follows: #1 76/80, #2 68/80, #3 77/80, #4 75/80, #5 76/80, #6 75/80. Checked magneto to engine timing and tested leads. Installed 12 new Spark Plugs Gaskets M674. Drained engine oil, cut oil filter open. No contaminants found. Replaced oil with 12 Qts Aeroshell 15W50. Replaced oil filter Champion CH48110-1. Researched AD's through 2020-12. Complied with AD 15-19-07 (Fuel Injector Lines). I certify this engine has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.



Robert S. Caldwell, III A&P 3256723, I.A.

			Page Total
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			Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

May 11, 2021

N298AT


Hobbs: 2544.9

Drained engine oil, cut oil filter open. No contaminants found. Serviced with 11 Qts Aeroshell W100 Plus. Replaced oil filter Champion CH48110-1. Operation check performed satisfactory.

Robert S. Caldwell, III A&P 3256723, I.A.

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
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Serial No. _____

Date	Time		ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hr	Min			
			<p>Make: Piper New Century Aviation LLC</p> <p>Model: Saratoga 111 525 Airport Rd. Box B</p> <p>S/N: Building A-10, Hangar 6</p> <p>Reg. No. N 298AT Hot Springs, AR 71913</p> <p>Date: 06/26/2021</p> <p>ACTT:</p> <p>Tach:2572.1</p> <p>Alternator not charging found belt broken. Removed propeller to access alternator, checked the alignment of the AC belts and of alternator both were correct, Installed New P/n 37D22355 lycoming belt. Set tensions on alternator ,AC , reinstalled propeller and torque and safety wired. Added 2qts. of Aeroshell 100W Plus oil. ground run systems check good charging at 27.5volts. Approved for return to service.</p> <p style="text-align: center;">  James H. Gomery A&P1845063 </p>		
Total to Date			Certificate Number MUST be Shown:		

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

N298AT

Hobbs:2594.8

July 6, 2021

Drained engine oil, cut oil filter open. No contaminants found. Serviced with 11 Qts Aeroshell W100 Plus. Replaced oil filter Champion CH48110-1. Operation check performed satisfactory.

Robert S. Caldwell, III A&P 3256723, I.A.

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			Total to Date		

ENGINE LOG

Serial No. _____

*Added to Airframe
Log. - mistake.*

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

October 1, 2021

N298AT

Hobbs: 2643.2

Rebiuld left and right main gear brake calipers used (P/N) MS28775-222 orings. Serviced with 5606 hydraulic oil. Tested scavenge pump, checked compression, removed turbo charger and clamps, reinstalled overhauled turbo (P/N) 466011-9002 ser#GHL00160. installed new lycoming v band clamps (P/N)s LW-12093-6, LW-12093-5, LW121125-3, 40D23255-340M. Lycoming v band gaskets, (P/N)s 75845, 78084. installed new Lyconing turbo inlet gasket (P/N)s 77813, 18038. Torqued clamps to 85 inch lbs, safety wired clamps. Serviced with 10 qts aeroshell 15W50, Operational check performed satisfactory.



Robert S. Caldwell, III A&P 3256723, I.A.

Engine Forward

Total to Date

Certificated Mechanic, and his Rating and
Certificate Number MUST be Shown.

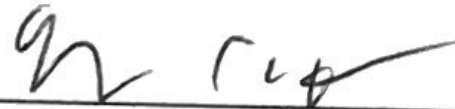
ENGINE LOG

Serial No. _____

Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Hrs	Min			

N298AT

10/20/2021 Hobbs Time 2650.6 Removed the left and right ignition harnesses and replaced with new Slick Ignition harnesses, P/N M-2965 on the left magneto and P/N M-2966 on the right magneto. Operational check of engine found ok. - END -



Joseph C. Ostrom
A&P 3538968

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Current Hobbs 2675.7		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		



Contact Us: Toll Free 888-371-1371 Local 918-371-3000

Fax 918-371-3041 or look us up at www.overhaul.com

E-mail: Info@overhaul.com

Engine Make:	Lycoming
Engine Model:	TIO-540-AH1A
Serial Number:	RL-13662-61A
Work Order #:	122001

CALDWELL AVIATION

LIMITED WARRANTY

To: Caldwell Aviation Aircraft:
Model: TIO-540-AH1A Registration:
Serial Number: RL-13662-61A Tach or Hobbs:
Work Order: 122001 Date of Overhaul: 01-30-2023

AMERICA'S AIRCRAFT ENGINES, INC. warrants this engine to be free from defects in materials and workmanship by America's Aircraft Engines, Inc. for TWENTY-FOUR (24) months, unlimited hours. Accessories will be warranted by respective vendors.

This engine, excluding accessories, is further warranted to be free from defects in materials furnished by America's Aircraft Engine's, Inc. until T.B.O. on a pro-rated basis on parts. For the purpose of calculating pro-ration, a minimum of 40 hours per month from the date of overhaul will apply. Replacement or repair of engine, component, or parts under this Limited Warranty will not extend the warranty period. Installation or removal costs are excluded under pro-rated portion. Cracked cylinders and cracked crankcases excluded from all warranty unless it can be determined that they are a direct result of improper assembly.

To exercise this Limited Warranty, America's Aircraft Engines, Inc. must be promptly notified of the discovery of any defect or failure by call or letter fully describing such defect or failure to:

America's Aircraft Engines, Inc.
PO Box 582453, Tulsa, OK 74158
918-371-3000

All warranty work is to be accomplished in Collinsville, Oklahoma by America's Aircraft Engines, Inc. unless approval is granted in writing by America's Aircraft Engines, Inc. for work to be accomplished elsewhere or by anyone else, prior to commencement of such work. America's Aircraft Engines, Inc. reserves the right to furnish any or all parts thereof.

America's Aircraft Engines, Inc. is not responsible for any consequential loss associated with any failure or defect under this Limited Warranty and no allowance will be made for down time, loss of use, hotel, freight, transportation or any other incidental expense directly or indirectly associated with such defect or failure.

This Limited Warranty is expressly in lieu of all warranties and representations, expressed or implied in fact or by law including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. The work to which this Limited Warranty applies is deemed to have been accomplished in Collinsville, Oklahoma and in the event of a dispute on this Limited Warranty, the laws of the State of Oklahoma shall apply and any litigation shall be maintained only in the State of Oklahoma in a court of Competent Jurisdiction.

This Limited Warranty gives you specific rights and may be transferred only by express permission in writing by America's Aircraft Engines, Inc.

Arthur D. Fowler

Brought
Forward



Maintenance

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

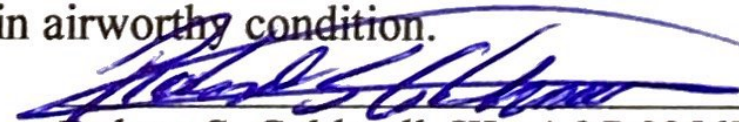
JUNE 29, 2023

N298AT

HOBBS: 2676.5

AFTT: 2676.5

Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lubed in accordance with Lube chart. Installed new 110-4 Artex ELT Battery expires 8-1-25 . Installed Concorde Battery RG-24-15M SN: 41311649 . Installed New Lycoming alternator part#32C22492 , SER# H-T043111. Replaced A/C Compressor part# 100821 SER# SA5423. Researched AD's through 2023-06. Complied with the following AD's: AD 95-26-13 (Oil Cooler Hose Assemblies) and AD 13-02-13 (Horizontal Stabilator Control Cables) as per Piper SB 1245A and AD 84-26-02 (Paper Induction Filters). I certify this aircraft has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.


Robert S. Caldwell, III A&P 3256723, I.A.

Total To Carry Forward				
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