

N2797E

MAY 2019 -



The Standard

ENGINE LOG

ASA-55-2

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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REG: N2797E DATE: 5/17/2021 TACH: 93.6 TOTAL: 7398 SMOH: 966.4

Engine annual inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. Performed oil change, removed filter, cut open no metal found, installed new CH48103-1. CW AD 80-04-03 by use of 6 qts Aeroshell 15W50 next due ACTT 13214.3. Cleaned, gapped and rotated spark plugs. Compression checks 1) 74/80 2) 71/80 3) 72/80 4) 72/80. Ground run leak checked sat. I certify this engine has been inspected IAW an annual inspection and is approved for return to service.

Stephen Jackowski
AP30086211A



N2797E 6/9/2021 Tach 142.1 ACTT 7446.5 SMOH 1014.9
 engine oil change this time & date drained oil, RIR CH48103-1
 filter not metal found reserviced 6 qts Aeroshell 15W50 c/w
 AD 80-04-03 next due ACTT 7496.5. ground run leak
 check sat



AP30086211A

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Date: 3-4-2021	Aircraft # N2797E	Serial # 04090187
Tach: 0765.4	Total Time: Hobbs 1065.4	SMOH: apr 1400

Comments:
 Magneto inspected per 500 hour inspection. Inspected coupling OK. Set E-Gap. Lubed cam felt. Looks good. Install on aircraft. Test run OK.
 AD 96-12-7 superseded by AD 2005-12-6. No longer applies.
 Mag P/N 10-682555-14R
 S/N D-08177

Prepared By: Lupcho Bakrevski *Z. Bolek* Certification # AP3428178IA

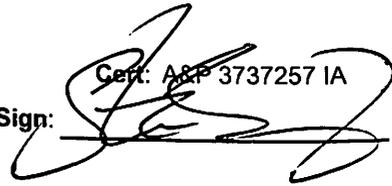
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REG: N2797E DATE: 4/9/2021 TACH: 0.0 TOTAL: 7304.4 SMOH: 872.8

Engine 100hr inspection completed this time and date IAW FAR part 43 APPX D. Checked all applicable AD's through this date. Performed oil change, removed filter, cut open no metal found, installed new CH48103-1. CW AD 80-04-03 by use of Aeroshell 15W50 next due ACTT 13120.7. Cleaned, gapped and rotated spark plugs. Compression checks 1) 69/80 2) 71/80 3) 75/80 4) 68/80. Ground run leak checked sat. I certify this engine has been inspected IAW a 100hr inspection and is an airworthy condition at this time.

Ryan Dougherty
 AP3699307 *[Signature]*

4/8/2021 N2797E Tach 47.4 total 7351.8 SMOH 920.2
 Engine oil change this time & date. drained oil removed filter
 serviced with 6 pts aeroshell 15w50 : ch48103-1 in transpiles
 with AD 80-04-03 next due ACTT 13120.7. ground run leak
 check sat *[Signature]* AP3699307

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				<p>Date: 11/10/2020 Hours: 7193.7 TT 784.5 SMOH 703.7 TAC Tail#: N2797E Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T Completed Annual Inspection (100 hour inspection is inclusive) Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1) 70/80 2) 78/80 3) 72/80 4) 76/80. Serviced spark plugs. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Carb O/H by D&G Supply, wo#38971. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope and detail of part 43 Apdx. D. AD's complied with through 01/11/2021 Re-cowled engine and performed ground run/leak check, adjusted carb. Aircraft returned to service. I certify that this ENGINE has been inspected IAW ANNUAL INSPECTION and has been found to be in an AIRWORTHY CONDITION Name: Steve Szesny Co: Region Flyers Cert: A&P 3737257 IA Sign: </p>	3-2-21	765.7			<p>Cut oil filter open for insp. And lups found clean. Installed a new 48103-2 filter and softiad. Removal prop to repair spinner back plate. Replaced rivets and patched small crack. Reinstalled prop, torqued and softiad. Removed cyl #1 intake pipe and replaced gasket. Performed ground run-up, checked for leaks and returned to service. <i>Mark Tramm</i> IA 341507253</p>

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Date: 11/10/2020 Hours: 7094.5 TT 685.3 SMOH 604.5 TAC

Tail#: N2797E

Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T

Completed Annual Inspection (100 hour Inspection is inclusive) Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1) 68/80 2) 74/80 3) 76/80 4) 76/80. Replaced spark plugs with new Tempest REM 40E. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope and detail of part 43 Apdx. D. AD's complied with through 10/11/2020 Re-cowled engine and performed ground run/leak check. Aircraft returned to service.

I certify that this ENGINE has been inspected IAW ANNUAL INSPECTION and has been found to be in an AIRWORTHY CONDITION

Name: Steve Szesny

Co: Region Flyers

Cert: A&P 3737257 IA

Sign: 

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Date: 12/10/2020 Hours: 0654.0 TAC 0920.7 Hobbs

Tail#: N2797E

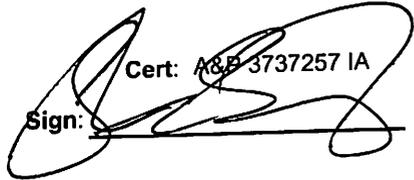
Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T

Changed engine oil. Removed oil filter, cut open, found clean. Installed new Tempest oil filter, p/n AA48103-2. Serviced engine with 6 qts of Aeroshell W80 plus oil, which complies with AD 80-04-03-R2. Added 8 oz of Cam Guard to engine oil. Drained and flushed oil cooler. Performed ground run/leak check. Aircraft returned to service.

Name: Steve Szesny

Co: Region Flyers

Cert: A&P 3737257 IA

Sign: 

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TODAY'S
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TOTAL
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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.)

Date: 09/11/2020 Hours: 6995.9 TT 586.7 SMOH 505.9 TAC

Tail#: N2797E

Make: Lycoming

Model: O-320-H2AD

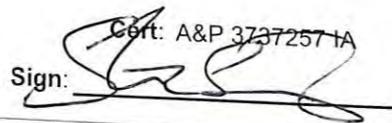
S/N: L-2243-76T

Completed Annual Inspection (100 hour Inspection is inclusive) Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1)70/80 2) 72/80 3)73/80 4) 74/80. Replaced spark plugs with new Tempest REM 40E. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope with part 43 Apdx. D. AD's complied with through 09/11/2020 Re-cowled engine and performed ground run/leak check. Aircraft returned to service.

I certify that this ENGINE has been inspected IAW ANNUAL INSPECTION and has been found to be in an AIRWORTHY CONDITION

Name: Steve Szesny

Co: Region Flyers

Cert: A&P 3737257 IA
Sign: 

Date: 10/06/2020 Hours: 555.9 Tac

Tail#: N2797E

Make: Lycoming

Model: O-320-H2AD

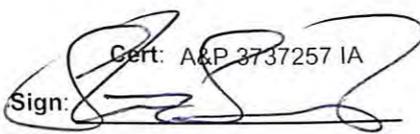
S/N: L-2243-76T

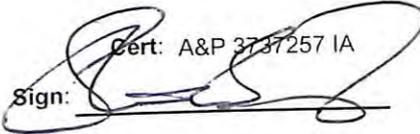
Changed engine oil. Removed oil filter, cut open, found clean. Installed new Tempest oil filter, p/n AA48103-2. Serviced engine with 6 qts of Aeroshell W80 plus oil, which complies with AD 80-04-03-R2. Added 8 oz of Cam Guard to engine oil. Drained and flushed oil cooler. Performed ground run/leak check. Aircraft returned to service.

Name: Steve Szesny

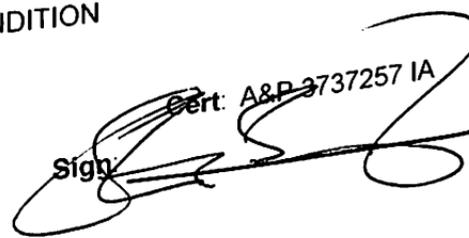
Co: Region Flyers

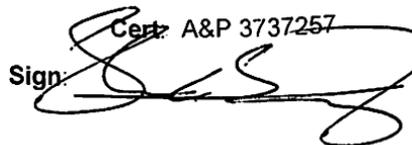
Cert: A&P 3737257 IA
Sign: 

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				<p>Date: 07/23/2020 Hours: 6898.0 TT 488.8 SMOH 408.0.0 TAC</p> <p>Tail#: N2797E</p> <p>Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T</p> <p>Completed 100 hour Inspection is inclusive Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1)73/80 2) 70/80 3)76/80 4) 74/80. Cleaned gaped tested and reinstalled spark plugs. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope with part 43 Apdx. D. AD's complied with through 07/23/2020. Re-cowled engine and performed ground run/leak check. Aircraft returned to service.</p> <p>I certify that this ENGINE has been inspected IAW 100 HOUR INSPECTION and has been found to be in an AIRWORTHY CONDITION</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Sign:  Cert: A&P 3737257 IA</p>

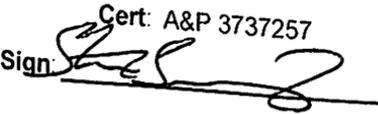
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				<p>Date: 08/08/2020 Hours: 457.2 Tac</p> <p>Tail#: N2797E</p> <p>Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T</p> <p>Changed engine oil. Removed oil filter, cut open, found clean. Installed new Tempest oil filter, p/n AA48103-2. Serviced engine with 6 qts of Aeroshell W80 plus oil, which complies with AD 80-04-03-R2. Added 8 oz of Cam Guard to engine oil. Drained and flushed oil cooler. Performed ground run/leak check. Aircraft returned to service.</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Sign:  Cert: A&P 3737257 IA</p>

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				<p>Date: 06/20/2020 Hours: 6804.0 TT 394.8 SMOH 314.0 TAC Tail#: N2797E Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T Completed ANNUAL INSPECTION (100 hour Inspection is inclusive) Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1)73/80 2) 70/80 3)76/80 4) 74/80. Cleaned gaped tested and reinstalled spark plugs. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Adjusted rich/lean mixture. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope with part 43 Apdx. D. AD's complied with through 06/20/2020. Recowled engine and performed ground run/leak check. Aircraft returned to service. I certify that this ENGINE has been inspected IAW 100 ANNUAL INSPECTION and has been found to be in an AIRWORTHY CONDITION</p>					<p>Date: 07/06/2020 Hours: 361.3 Tac 547.7 Hobbs Tail#: N2797E Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T Changed engine oil. Removed oil filter, cut open, found clean. Installed new Tempest oil filter, p/n AA48103-2. Serviced engine with 6 qts of Aeroshell W80 plus oil, which complies with AD 80-04-03-R2. Added 8 oz of Cam Guard to engine oil. Drained and flushed oil cooler. Performed ground run/leak check. Aircraft returned to service.</p>
				<p>Name: Steve Szesny Co: Region Flyers</p>					<p>Name: Steve Szesny Co: Region Flyers</p>
				<p>Sign:  Cert: A&P 3737257 IA</p>					<p>Sign:  Cert: A&P 3737257 IA</p>

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		<p>Date: 04/03/2020 Hours: 6706.9 TT 279.7 SMOH 216.9 TAC</p> <p>Tail#: N2797E S/N: L-2243-76T</p> <p>Make: Lycoming Model: O-320-H2AD</p> <p>Completed ANNUAL INSPECTION (100 hour Inspection is inclusive) Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1)74/80 2)76/80 3)76/80 4) 74/80. Cleaned gaped tested and reinstalled spark plugs. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Adjusted rich/lean mixture. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope with part 43 Apdx. D. AD's complied with through 04/03/2020. Recowled engine and performed ground run/leak check. Aircraft returned to service. I certify that this ENGINE has been inspected IAW 100 ANNUAL INSPECTION and has been found to be in an AIRWORTHY CONDITION</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Sign:  Cert: A&P 3737257 IA</p>					<p>Date: 05/18/2020 Hours: 265.5 Tac 418.3 Hobbs</p> <p>Tail#: N2797E</p> <p>Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T</p> <p>Changed engine oil. Removed oil filter, cut open, found clean. Installed new Tempest oil filter, p/n AA48103-2. Serviced engine with 6 qts of Aeroshell W80 plus oil, which complies with AD 80-04-03-R2. Added 8 oz of Cam Guard to engine oil. Drained and flushed oil cooler. Performed ground run/leak check. Aircraft returned to service.</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Sign:  Cert: A&P 3737257 IA</p>

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				<p>Date: 11/20/2019 Hours: 12386.3 ACFT TT 117.6 TACH Tail#: N2797E 6607.6 TT 180.4 SMOH Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T Completed 100 hour inspection. Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD80-04-03R2. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48108-2. Compression test: 1)74/80 2) 70/80 3)74/80 4) 76/80. Cleaned gaped tested and reinstalled spark plugs. Checked magneto timing and ignition harness. Cleaned fuel primers. Drained and flushed fuel bowl and carb inlet screen. Lubricated all controls IAW lubrication order. Completed inspection IAW Cessna and manufactures maintenance manuals, in scope with part 43 Apdx. D. AD's complied with through 11/20/2019. Re-cowled engine and performed ground run/leak check. Aircraft returned to service. I certify that this ENGINE has been inspected IAW 100 HOUR INSPECTION and has been found to be in an AIRWORTHY CONDITION</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Cert: A&P 3737257 Sign: </p>

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.)
2020 2/9/20	163.2		12,431.9	<p>CHANGED ENGINE OIL. CUT FILTER OPEN - FOUND CLEAN. SERVICED ENGINE w/ 8 qts. AEROSHELL W80 PLUS OIL WHICH COMPLIES WITH AD 80-04-03R2. ADDED 8oz. CAM GUARD & INSTALLED NEW TEMPEST FILTER.  ATP 3261030 EXP ⁸⁰</p>

R E	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.)	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.)
				<p>Date: 08/30/2019 Hours: 12292.0 TT 23.3 TACH</p> <p>Tail#: N2797E</p> <p>Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T</p> <p>Performed 100 hour inspection IAW FAR 43 apdx. D, scope and detail of manufactures checklist. Compression check completed; 1) 70/80 2) 72/80 3) 74/80 4) 74/80.</p> <p>Cleaned, gaped, tested and rotated spark plugs. Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with Aeroshell W80 plus oil, which complies with AD 80-04-03R2. Installed new Tempest oil filter p/n AA84103.-2. Inspected magneto's and ignition harness'. checked all AD's thru 08/28/2019.</p> <p>I certify that this ENGINE has been inspected IAW 100 hour inspection and has been found to be in an AIRWORTHY CONDITION</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Cert: A&P 3737257 Sign: </p>					<p>Date: 10/15/2019 Hours: 12348.0 TT 80.1 TACH</p> <p>Tail#: N2797E</p> <p>Make: Lycoming Model: O-320-H2AD S/N: L-2243-76T</p> <p>Changed engine oil, cut filter open-found clean. Drained and flushed oil cooler. Serviced engine with 6 qts of Aeroshell W80 Plus oil which complies with AD. Added 8 oz of Cam Guard, and installed new Tempest filter, p/n AA48103-2. Recowled engine and performed ground run/leak check. Aircraft returned to service.</p> <p>Name: Steve Szesny Co: Region Flyers</p> <p>Cert: A&P 3737257 Sign: </p>

YEAR 2019 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.)
5-31	2202.3 2147 57		337 337 6431.4	15MO - 4.4 HRS. Removed Vacuum pump P/N 215CC S/N 106439 AND Replaced w/ P/N AA3215CC S/D 063605. AIRCRAFT HAS GROUND RUN / LEAK CHECK - AIRCRAFT REMAINS TO SERVICE. <i>[Signature]</i> 3737257 ATP
6-4	2208.7		6437.0	CHANGED BREAK IN OIL. SERVICES W/ LGTS ARROSHILL W180 PLUS OIL C/WAD 80-04-03R2. REPLACED OIL FILTER (P/N) AA84103-2. OLD FILTER CUT OPEN FOUND CLEAN. GROUND RUN / LEAK CHECK PERFORMED, ACFT RE-COWLED, AIRCRAFT RETURNED TO SERVICE. <i>[Signature]</i> 3737257 ATP
6-17	1798.6	(Temp TACH)	6437.0	REMOVED / REPAIRED CABO AIR BOX, REINSTALLED, REPLACED OIL PUMP DRAIN VALVE, RE-COWLED ENGINE GROUND RUN / LEAK CHECK PERFORMED, AIRCRAFT RETURNED TO SERVICE. <i>[Signature]</i> 3737257 ATP

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7-18	1824.9		6443.3	CHANGED ENGINE OIL, CUR FILTER OPEN - FOUND CLEAN, DRAINED / PUSHED OIL COOLER. SERVICES W/ LGTS OF ARROSHILL W80 PLUS (C/W AD - 80-04-03R2) INSTALLED NEW TEMPEST OIL FILTER P/N AA84103-2. PERFORMED GROUND RUN / LEAK CHECK, ENGINE RE-COWLED, AIRCRAFT RETURNED TO SERVICE. <i>[Signature]</i> 3737257 ATP
8-7	1851.6 0.00 (NEW TAC)		6490.0	REPLACED EXHAUST MANIFOLD GASKETS, INSTALLED NEW O/H TACH P/N CS-122-5014 S/N 11582, TACH HOURS 0.00. DISASSEMBLED ENGINE AND COWLING. RE-INSTALLED ENGINE COWL, PERFORMED GROUND RUN / LEAK CHECK. AIRCRAFT RETURNED TO SERVICE. <i>[Signature]</i> 3737257 ATP

TACH SCALE CORRECTION

Insr. P/N: SD-122-5014

Serial No.: 11582

Power Setting	Indication
500 RPM	<u>500</u>
1000 RPM	<u>1005</u>
1500 RPM	<u>1495</u>
2000 RPM	<u>1995</u>
2500 RPM	<u>2500</u>
3000 RPM	<u>2995</u>
3500 RPM	<u>3500</u>

Inspector AM Date 7-25-19

TOTAL TIMES AS INSTALL:

T.S.E. = 6431.4 Hrs

TSMOH = 0.00 Hrs

TACH = 2197.9 Hrs

(TOTAL Airframe hrs = 12197.9)

Engine Record General Information

Manufacturer Lycoming Model D-320-M2AD

Serial L-2243-76T Type Certificate _____

This engine is currently installed in aircraft: N2797E

Minimum Octane Fuel _____ Oil Grade Summer W100 Plus Winter W80 Plus

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

N2797E

SEPT. 2004 -

SEPT. 2007

CLOSED

The Standard
 **ENGINE LOG**

ASA-SE-2

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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Preserved the hot engine using NOX rust VC 105. Sealed and wrapped engine. Complied with AD 02-12-7 fitted new O6B23072 seal. AD98-17-11 na. CW AD 98-02-08 PID crankshaft. AD97-15-11 na newest cylinder kits. AD 93-18-03 pcw fitted complicate carburetor. AD92-12-05 na new cylinder kits fitted with new pins. AD82-20-01 cw newer inspected impulse fitted. AD82-11-05 na. AD 81-12-06 CW replaced gear. AD80-17-14 pcw D3000 magneto fitted. CW AD80-04-03R2 fitted new rockers, fulcrums, tested with LW16702 additive, inspected filter after test no metal found. CW AD79-10-03R2 torque mount bracket bolts to 360 inch pounds. AD78-18-04 na D3000 magneto fitted. AD78-12-09R1 na to bolt on gear type crankshaft fitted. AD78-12-08 pcw hardened gears fitted and lubrication hole drilled. AD77-20-07 pcw new parts fitted. AD77-07-07R1 pcw LW15489 screen previously fitted. CW current service letters, service instructions and service bulletins. Larry Conway A&P 2668092

Laurence Conway

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.)
7-26-57	7034.0			Installed this engine in Cessna 172 112797E. See new AD Log book. <i>M. J. Smith</i> JA341502253

Wyoming Air Corporation Engine log entry

O-320H2AD S/N L-4475-76 TSMO: 1906.3 ETT: 3670.3
N73764 CESSNA 172 S/N: 17267661 TACH: 8230.4 1-25-2006

Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
Compressions #1)78/80 #2)76/80 #3)79/80 #4)78/80
Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of
Aeroshell 15W50 multi-grade oil. Due again in 50 hours.

Checked AD's as of 1/25/2006
I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for
return to service
Aaron A. Gerlock

*****END***** A&P2573059 *****

1/25/05 C/N AD 2005-26-10 ECZ Cylinder Assemblies not installed w/h
Aaron A. Gerlock A&P2573059

Wyoming Air Corporation Engine log entry

O-320H2AD S/N L-4475-76 TSMO: 1956.3 ETT: 3720.3
N73764 CESSNA 172 N S/N: 17267661 TACH: 8280.4 3/13/2006

1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of
Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".
I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to
service
Aaron A. Gerlock

*****END***** A&P 2573059 *****

Wyoming Air Corporation Engine log entry

O-320H2AD S/N L-4475-76 TSMO: 2005.2 ETT: 3769.2
N73764 CESSNA 172 S/N: 17267661 TACH: 8329.3 4-12-2006

- 1) Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
- 2) Compressions #1)76/80 #2)79/80 #3)79/80 #4)78/80
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours.
- 4) Checked AD's as of 4/12/2006.

I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P2573059

*****END*****

Wyoming Air Corporation Engine log entry

O-320H2AD S/N L-4475-76 TSMO: 2038.2 ETT: 3802.2
N73764 CESSNA 172 N S/N: 17267661 TACH: 8362.3 5/1/2006

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of
Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

WYOMING AIR CORPORATION ENGINE LOG ENTRY MAKE: LYCOMING MODEL: O-320H2AD S/N L-4475-76 ETT: 3839.5 TSMO: 2075.5 5/21/2006	1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".
I certify this Engine has been inspected and/or serviced in accordance with current FAA regulations and has been determined to be in airworthy condition and is approved for return to service	
Aaron A. Gerlock	A&P2573059
*****END*****	

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1711.7 ETT: 3475.7
N73764 CESSNA 172 S/N: 17267661 TACH: 8035.8 9-4-2005

- 1) Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
- 2) Compressions #1)74/80 #2)77/80 #3)78/80 #4)76/80
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours.
- 4) Checked AD's as of 9/4/2005.

I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P2573059

*****END*****

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1745.3 ETT: 3509.3
N73764 CESSNA 172 N S/N: 17267661 TACH: 8069.4 9-21-05

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1781.1 ETT: 3545.1
N73764 CESSNA 172 N S/N: 17267661 TACH: 8105.2 10-15-05

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1806.6 ETT: 3570.6
N73764 CESSNA 172 S/N: 17267661 TACH: 8130.7 10-25-2005

- 1) Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
- 2) Compressions #1)78/80 #2)78/80 #3)79/80 #4)76/80
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours.
- 4) Checked AD's as of 10/25/2005.

I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P2573059

*****END*****

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1841.3 ETT: 3605.3
N73764 CESSNA 172 N S/N: 17267661 TACH: 8165.4 11/13/05

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1873.9 ETT: 3637.9
N73764 CESSNA 172 N S/N: 17267661 TACH: 8198.0 12-19-05

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172 N S/N: 17267661 TACH: 7769 03-23-05
O-320H2AD S/N L-4475-76 TSMO: 1480.8 ETT: 3244.8

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103-1 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service
Aaron A. Gerlock
A&P 2573059

*****END*****

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172 S/N: 17267661 TACH: 7834.3 4-11-2005
O-320H2AD S/N L-4475-76 TSMO: 1510.2 ETT: 3274.2

- 1) Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
- 2) Compressions #1)75/80 #2)77/80 #3)76/80 #4)75/80
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours.
- 4) Checked AD's as of 4/11/2005.

I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service.
Aaron A. Gerlock

*****END***** A&P2573059

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172 N S/N: 17267661 TACH: 7869 04-29-05
O-320H2AD S/N L-4475-76 TSMO: 1544.9 ETT: 3308.9

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service
Aaron A. Gerlock

*****END***** A&P 2573059

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172 N S/N: 17267661 TACH: 7903.8 05-27-05
O-320H2AD S/N L-4475-76 TSMO: 1579.7 ETT: 3343.7

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service
Aaron A. Gerlock

*****END***** A&P 2573059

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1609.9 ETT: 3373.9
N73764 CESSNA 172 S/N: 17267661 TACH: 7934 6-21-2005

- 1) Complied with an annual inspection IAW Cessna 172 Maintenance Manual.
- 2) Compressions #1)74/80 #2)75/80 #3)76/80 #4)77/80
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours.
- 4) Checked AD's as of 6/21/2005.

I certify that this engine has been inspected in accordance with an annual inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service.

Aaron A. Gerlock A&P2573059A

*****END*****

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172 N S/N: 17267661 TACH: 7970.6 7-19-05
O-320H2AD S/N L-4475-76 TSMO: 1646.5 ETT: 3410.5

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed ES48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service
Aaron A. Gerlock

*****END***** A&P 2573059

Wyoming Air Corporation Engine log entry
O-320H2AD S/N L-4475-76 TSMO: 1669.0 ETT: 3433.0
N73764 CESSNA 172 N S/N: 17267661 TACH: 7993.1 8-11-05

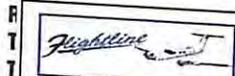
- 1) Removed Bendix Magneto P/N BL-682555-14 S/N J260001GR and installed Bendix Magneto P/N BL-682555-14 S/N A100009GR that had a 500 hour inspection completed by Rocky Mountain Aircraft Accessories. AD 81-12-06 R1, AD 96-12-07, SB 643B, SB 658 were complied with at this time. Due again in 500 hours at ACTT: 8493.1.

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and with respect to the work performed, is determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock A&P 2573059

*****END*****

YEAR
DATE



2000 Airport Road #2D Gillette, Wyoming 82716
Phone 307 686 7000 Fax 307 686 5770

09/01/04 N73764 Tach: 7693.3 AFTT: 7693.3 ETT: 3133.2 TSMOH: 1372.6
Performed a 100hr/annual inspection upon this engine; Compressions: 1) 73/80, 2) 66/80,
3) 72/80, 4) 74/80. Drained engine oil and replaced oil filter with CH48103; cleaned and
gapped spark plugs and replaced two spark plugs with new RHM38E; dressed and painted
prop; insulated alternator wires with silicone; AD 04-10-14C1 due upon any major work to
the propeller or at engine overhaul; All AD's checked thru 2004-17. I certify that this engine
has been inspected IAW a 100hr inspection utilizing the Cessna C172 Service Manual and
has been found to be in an airworthy condition.

Tom Gomes
IA562069680

Revisions and Alterations
(Certificate Number of
these specific entries.)

Wyoming Air Corporation Engine log entry
N73764 CESSNA 172N S/N: 17267661 TACH: 7694.7 09-05-04

1) Removed Power Flow Systems exhaust system PFS-13201 and replaced with upgraded PFS-13204, S/N 105. Operational check "okay". Weight and balance updated in logs and aircraft.

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.
Jeremy R. Webb

A&P 2735411

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 N S/N: 17267661 TACH: 7730.96 10-06-04
O-320H2AD S/N L-4475-76 TSMO: 1406.8 ETT: 3170.8

1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103-1 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry

O-320H2AD S/N L-4475-76 TSMO: 1410.6 ETT: 3174.6
N73764 CESSNA 172 S/N: 17267661 TACH: 7734.7 1-28-2005

- 1) Removed engine from airframe due to prop strike. Magnafluxed Crank, cam, connecting rods and gears per Lycoming SB. Reassembled engine per Lycoming Overhaul manual with new gaskets, orings, and piston rings P/N SL6301-SC. Reinstalled engine to same airframe. Test ran engine and leak checked.
- 2) Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
- 3) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil.
- 4) Replaced bad spark plug in the top of cylinder #4 with new RHM40E.
- 5) Checked AD's as of 1/28/2005.

I certify that this engine has been inspected in accordance with a 100-hr inspection and current Federal Aviation Regulations and with respect to the work performed, is in airworthy condition and approved for return to service in accordance with FAR 43.9.

Aaron A. Gerlock

A&P2573059

*****END*****

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 N S/N: 17267661 TACH: 7769 03-02-05
O-320H2AD S/N L-4475-76 TSMO: 1444.9 ETT: 3208.9

1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103-1 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service

Aaron A. Gerlock

A&P 2573059

*****END*****

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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Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 S/N: 17267661 TACH: 7556.9 03-23-04

Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 S/N: 17267661 TACH: 7594.0 04-29-04

Complied with a 100-hr. inspection IAW Cessna 172 Maintenance Manual.
Drained oil, checked filter for contamination. Serviced with 5 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Sample taken for analysis.
Engine compression (1) 73 (2) 61 (3) 70 (4) 74
Replaced worn spark plug in the top of cylinder #4 with new RHM40E.
Removed alternator for 500-hour inspection, work was performed by Rocky Mountain Accessories under w/o #1841.
Removed magneto and had new coil assembly installed by Rocky Mountain Accessories under w/o #1841.
Replaced vacuum pump gasket.

I certify that with respect to the work performed, this Engine was repaired and / or inspected in accordance with current Federal Aviation Regulations and is in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 S/N: 17267661 TACH: 7626.9 06-03-04

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103-1 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172 S/N: 17267661 TACH: 7657.1 07-10-04

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103-1 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry

N73764 CESSNA 172N S/N: 17267661 TACH: 7671.0 07-21-04

- 1) Removed Prestolite starter P/N MHB-4016 S/N E011424 and replaced with new Kelly Aerospace P/N MZ-6222 S/N D0811136. Operational check "okay". Weight and balance updated in logs and aircraft.

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

*****END*****

FOR FAA RECORDS

Engine Record General Information

Manufacturer Lycoming Model O-320-H24D

Serial L-4475-76 Type Certificate _____

This engine is currently installed in aircraft: ~~N7325F~~ N73764

172N S/N: 17267661

Minimum Octane Fuel _____ Oil Grade Summer 15W-50 Winter 15W-50

Magneto Time _____ Point Setting _____ Firing Order 1-3-2-4

Spark Plug Gap .016"

Manufacturer's Recommended Overhaul at 8324.1 hours

2

N 73764

TEXTRON Lycoming

ENGINE LOG

SSP-1872-1

Wyoming Air Corporation Engine log entry

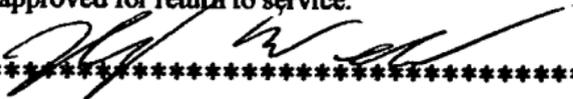
N73764 CESSNA 172 S/N: 17267661 TACH: 7537.9 03-07-04

Complied with Lycoming Service Instruction #1425A Part 3 by removing, cleaning, and inspecting push rods, lifters, and reaming the exhaust valve guides on all four cylinders. Due again in 500 hours @ 8037.9.

I certify this Engine has been inspected and or repaired in accordance with Lycoming Service Instruction #1425A and was determined to be in airworthy condition and approved for return to service.

Jeremy R. Webb

A&P 2735411



*****END*****

Wyoming Air Corporation Engine log entry

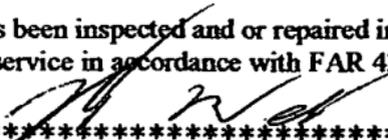
N73764 CESSNA 172 S/N: 17267661 TACH: 7546.3 03-11-04

Removed Sky-Tec starter P/N 149-12LS S/N F2L-990025 and installed new Prestolite starter P/N MHB-4016 R S/N E011424. Operational check "okay". Weight and balance updated in logs and aircraft.

I certify this Engine has been inspected and or repaired in accordance with current FAA regulations and was determined to be in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb

A&P 2735411

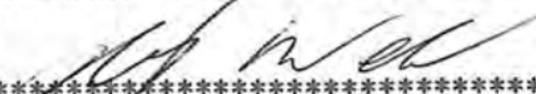


*****END*****

Wyoming Air Corporation Engine log entry
 N73764 CESSNA 172 S/N: 17268256 TACH: 7495.2 02-06-04

- 1 Complied with a 100 hr. inspection IAW Cessna Maintenance Manual.
- 2 Drained oil and removed filter for inspection, no defects shown and sample was taken for analysis. Installed new Ch48103 filter and 6 quarts Aeroshell 15/50. Complied with AD80-04-03R2 by use of multi-weight oil, due again in 50 hours.
- 3 Engine compression (1) 72 (2) 60 (3) 76 (4) 78
- 4 Replaced #1 rocker box cover gasket.
- 5 Replaced Bracket air filter P/N BA6108.
- 6 Replaced worn spark plugs in top and bottom of cylinders #2 and #3 with new RHM40E spark plugs.
- 7 Lubricated starter to prevent starter from hanging up, tested okay.

I certify that with respect to the work performed, this Aircraft was repaired and / or inspected in accordance with a 100-hr. inspection and is in airworthy condition and approved for return to service in accordance with FAR 43.9.

Jeremy R. Webb  A&P 2735411

*****END*****

		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	

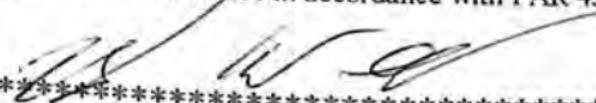
**Service Bulletins, Letters,
Instructions & A D Notes**

DATE _____

Wyoming Air Corporation Engine log entry
 N73764 CESSNA 172 S/N: 17268256 TACH: 7495.3 02-09-04

- 1 Complied with a 500 hr. inspection on Bendix magneto P/N: BL-682555-14 in accordance with Cessna Maintenance Manual. Work was performed by Rocky Mountain Aircraft Accessories.

I certify that with respect to the work performed, this Appliance was repaired and / or inspected in accordance with current FAA regulations and is in airworthy condition and approved for return to service in accordance with FAR 43.9.

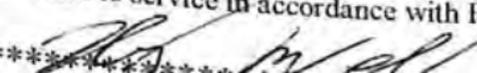
Jeremy R. Webb  A&P 2735411

*****END*****

Wyoming Air Corporation Engine log entry
 N73764 CESSNA 172 S/N: 17267661 TACH: 7523.9 02-25-04

- 1) Drained oil, checked filter for contamination. Serviced with 6 qts. AS15W50 and installed CH48103 oil filter. Complied with AD80-04-03R2 by use of Aeroshell 15W50 multi-grade oil. Due again in 50 hours. Ran engine, leak check "OK".

I certify this Engine has been inspected and or repaired in accordance with the Cessna 172 Maintenance Manual and was determined to be in airworthy condition and approved for return to service in accordance with FAR-43.9.

Jeremy R. Webb  A&P 2735411

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach & ACTT 6559.9

1) Changed oil, and Filter (Aeroshell 15W50 and CH48103) Complied with AD 80-04-03R2, Checked sump screen, cut open filter, no defects noted. Ran engine leak checked OK. Due at oil change or Tach of 6609.9 Edward J Shearer

Edward J Shearer, A&P 2499530 ~~May~~ 6, 2002 *Edward J Shearer*
*****END*****

License
Number

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach 6623.1 +TOT

- 1) Completed 100hr inspection IAW Cessna 172 N Checklist
- 2) Compression (1)75 (2) 74 (3) 75 (4) 76
- 3) Changed oil and filter (Ch48103) AERO SHELL 15W50 Checked sump screen, cut open filter. Checked OK Complied with AD 80-04-03R2 Due at oil change or Tach time 6673.1

I certify that this engine has been inspected in accordance with an Annual inspection and is approved for return to service.

Edward J Shearer, *Edward J Shearer* A&P 2499530 IA July 9, 2002
*****END*****

License
Number

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach & ACTT 6592.0

1) Changed oil, and Filter (Aeroshell 15W50 and CH48103) Complied with AD 80-04-03R2, Checked sump screen, cut open filter, no defects noted. Ran engine leak checked OK. Due at oil change or tach of 6642.0 Edward J Shearer

Edward J Shearer, A&P 2499530 June 17, 2002 *Edward J Shearer*
*****END*****

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach & ACTT 6667.1

1) Changed oil, and Filter (Aeroshell 15W50 and CH48103) Complied with AD 80-04-03R2, Checked sump screen, cut open filter, no defects noted. Ran engine leak checked OK. Due next oil change or tach 6721.1

Edward J Shearer, A&P 2499530 July 28, 2002 *Edward J Shearer*
*****END*****

f a

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach 6457.9

1) Changed oil, and Filter (Aeroshell 15W50 and CH48103) Complied with AD 80-04-03R2, Checked sump screen, cut open filter, no defects noted. Ran engine leak checked OK Due at oil change or Tach of 6507.9 Edward J Shearer
Edward J Shearer, A&P 2499530 March 25, 2002 Edward J Shearer

*****END*****

License Number

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach 6495.9

1) Changed oil, and Filter (Aeroshell 15W50 and CH48103) Complied with AD 80-04-03R2, Checked sump screen, cut open filter, no defects noted. Ran engine leak checked OK Due at oil change or AP^{Tach} Time 6545.9 Edward J Shearer
2) Removed Mag for 500 hr inspection, 96-12-07 preformed by RMAA see yellow tag
3) Replaced landing light 4522

The work preformed is airworth and approved for return to service

Edward J Shearer, A&P 2499530 April 16, 2002 Edward J Shearer

*****END*****

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach 6495.9

1) Replaced bracket airfilter assembly with new bracket assembly PN BA5110A
The work preformed is airworth and approved for return to service
Edward J Shearer, A&P 2499530 April 16, 2002 Edward J Shearer

Wyoming Air Corporation

N73764 Cessna 172N S/N 17267661 Tach 6523.8

- 1) R&R Gasket and rubber cupling on #3 intake pipe.
- 2) Completed 100hr inspection IAW Cessna 172 N Checklist
- 3) Compression (1)76 (2) 76 (3) 75 (4) 76
- 4) Changed oil and filter (Ch48103) AERO SHELL 15W50 Checked sump screen, cut open filter. Checked OK Complied with AD 80-04-03R2 Due at oil change or Tach time 6573.8.
- 5) Complied with AD87-20-03R2 by inspection of seat rails and rollers and pin engagement. Due next 100 hrs

I certify that this engine has been inspected in accordance with an Annual inspection and is approved for return to service.

Edward J Shearer, Edward J Shearer

A&P 2499530 IA May 16, 2002

License Number

t of a

Wyoming Air Corporation

N73764 Cessna 172 N [REDACTED] Tach 6409.9

- 1) Complied with Power Flow Systems, INC Service Bullitin 2001-01 by removing P/N 7020 Exhaust clamp and replacing with supplied new P/N 7020 exhaust clamp identified with a letter "A" on the end tab.

In respect to work preformed is aproved for return to service.

Edward J Shearer *Edward J Shearer* A&P #2499530 February 6, 2002

*****END*****

License
Number

Tach	6417.1	R&R	Radio filter	PN 5-1915	-1	Replace
			Terminal on battery Lead at alternator			
			Edward J Shearer A&P 2499530 2/13/02			

Page Total

Brought Forward

Total to Date

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

Wyoming Air Corporation

N73764 Cessna 172N [REDACTED] Tach 6424.2

- 1) Installed propeller 74DM7S-14-0-56 snA54545 with new bolts and washers
 - 2) Completed 100hr inspection IAW Cessna 172 N Checklist
 - 3) Compression (1)76 (2) 76 (3) 75 (4) 76
 - 4) Changed oil and filter(Ch48103) AERO SHELL 15W50 Checked sump screen , cut open filter. Checked OK Complied with AD 80-04-03R2 Due at oil change or Tach Time of 6474.2
- I certify that this engine and propeller have been inspected in accordance with a 100 hr inspection and is approved for return to service

Edward J Shearer, *Edward J Shearer* A&P 2499530 March 1, 2002

*****END*****

License
Number

Page Total

Brought Forward

Total to Date

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

Wyoming Air Corporation

N73764 Cessna 172 N S/N [redacted] Tach 6377.4

- 1) R&R alternator with PN DOFF10300J-RX (SN A165353) Belt S1597-1-37.5 Pivot bolt AN7-42A nut MS20365-720C Capacitor S1915-1

Edward J Shearer *Edward J Shearer* A&P #2499530 ~~December 21, 2001~~ *January 15, 2002*

*****END*****

License Number

Wyoming Air Corporation 6408.2

N73764 Cessna 172 N [redacted] Tach ~~6353.0~~ *6408.2*

- 1) Changed oil And filter(Ch48103) with Aeroshell 15W-50 Checked sump screen. As well as cut open filter. Checked OK Complied with AD80-04-03R2. Ran engine, Leak Checked ok. *Due at oil change or Tach Time 6458.2 Edward J Shearer*
- 2) Replaced six post light bulbs in pannel(PN 330)
- 3) Replaced Air filter BA-6108
- 4) Replaced Exhaust gaskets (PN RA7611)
- 5) Re adjust flap travel switch in instrament pannel acording to service manual.

In respect to work preformed is aproved for return to service.
Edward J Shearer *Edward J Shearer* A&P #2499530 February 5, 2002

*****END*****

License Number

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.

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.



AER

Aircraft Engine Resources
408 West Fountain, PO Box 121
Brighton, Iowa 52540
319, 694-5908

June 20th, 2001 Powerplant O-320-H2AD L4475-76 Total Time 1758.6 hr.,

Complete tear down, clean, inspection, repair as necessary to new fits and tolerances, replaced parts as necessary for major overhaul. Ferrous parts magnafluxed CRS AG2R689K w/o 79601. Non ferrous parts dye penetrant inspected MIL spec I-25135. Crankcase modified to large diameter lifter bores per STC MLW-1689 Rev-B CRS AG2R689K w/o 79565Q3. Camshaft reconditioned CRS RA7R115J W/o 6375-1. Four cylinder kits balanced pack with all new parts, "Cerminil" bores CRS AG2R689K w/o's 80331-01, 80331-02, 80331-03, 80331-04. Connecting rods reconditioned CRS AG2R689K w/o 79599. Engine assembled with following replacement parts: 8 tappets LW-16812 reconditioned CRS RA7R115J w/o 6371; M2917 harness; LW-16702 additive; 1028-B ball; 2 cushion LW-12136; 68668 spring; 4 hose LW-15358; STD-2057 key; 8 bearings SL14105; 8 bearings SL61662; 8 bolts SL78207; 8 nut SL12186; 4 pin SL13444-1; 24 screw SL-STD-1925; CH48103 filter; 8 plugs RHM38E; OEM rebuilt 10-5217R carburetor S/n PAM241216; OEM rebuilt magneto BL-682555-14 s/n J260001GR; seal and gasket set LW-14815; gasket O6B23072 (For Compliance with SB 543A and AD Note PL2000-18-53). Tested engine satisfactory. Approved for return service. Service with ashless dispersant oil at installation in aircraft.

Larry Conway
A&P 378421840

Cu. In.

TEXTRON Lycoming

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0320 H2AD L-4475-76
MAKE MODEL SERIAL
FROM June 20th 2001 19 ____ TO ____ 19 ____
DETAILING TIME FROM 1758.6 TO ____
HOURS HOURS

SSP 1872-1

TEXTRON Lycoming *CLOSED*

Log # 1
5/2019

ENGINE LOG

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			REPLACED INDUCTION AIR FILTER (#BAG103). CW AD 95-03-02		
			CHECK GASKET -OK		

			I certify that this engine has been inspected in accordance with a (100 hr.) inspection and determined to be in airworthy condition.		
			DATE <u>10-13-95</u> TACH <u>4643.3</u>		
			SIGNED <u>[Signature]</u>		
			R&P <u>1763218</u>		

			<u>[Signature]</u>		
			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		

Jewell Aviation Inc.

DA1 418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make:	Lycoming
Model:	O-320-H2AD
Serial#	L-2243-76T
Date:	2/24/2014
Tach Time:	_____
SMOH:	000.0

On this date received this engine, disassembled, and inspected. All aluminum parts dye checked and all steel parts magnafluxed. Dimensionally inspected all parts in accordance with table of limits. Crankcase, crankshaft, and camshaft were sent out and certified. Cylinders were found to be in serviceable limits. Installed the following new parts: connecting rod and main bearings, rod bolts and nuts, crankshaft gear bolt and lock plate, oil pressure ball and spring, oil filter adapter gasket, and all associated engine hardware. Low time lifters installed. Cylinders barrels were honed, valve seats ground, and were leak checked. Cylinders were assembled using serviceable pistons, piston pins, valves, rocker assemblies and fulcrums. Installed all new piston rings, exhaust valve guides, keepers, clips, gaskets, intake boots, etc. No accessories received with engine. Use Aero Shell non-detergent oil with 6 ounces of Part# LW16702 oil additive I/A/W AD80-04-03R2 for break in period. After break in period use Aeroshell 100W Plus or 15W50 Oil with Additive already added.

[Signature] #3036572

ENSE
MBER

ENGINE LOG SERIAL No. _____

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			COMPRESSION - #1 ⁷⁷ / #2 ⁷⁵ / #3 ⁷⁶ / #4 ⁷⁸ ENGINE WASHED - GROUND RUN UP NORMAL BOTTLE OF LW 16702 OIL ADDITIVE ADDED TO ENGINE OIL.		
I certify that this <small>(aircraft)</small> has been inspected in accordance with a <small>(100 hr.)</small> <small>(engine)</small> inspection and determined to be in airworthy condition.					
DATE <u>2-9-95</u> TACH <u>4543.5</u>					
SIGNED <u>Ed Wilkerson</u>					
A&P <u>1763318</u> <u>Rollcall Air Service, Inc.</u>					
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					

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-28-95			OIL DRAINED AND REFILLED WITH 6 QTS AEROSHELL 15W50. TACH 4610.2 REPLACED OIL FILTER. ENGINE WASHED AND GROUND RUN UP NORMAL.		
A&P 450916172 E Wilkerson ROLLCALL AIR SERVICE INC.					
10-7-95			OIL DRAINED AND REFILLED WITH 6 QTS AEROSHELL 15W50. TACH 4643.3 REPLACED OIL FILTER. ADD ONE BOTTLE OF LW 16702 ADDITIVE.		
TSMOH	615.3		SPARK PLUGS CLEANED AND GAPPED. TIMING CHECKED.		
TTE	643.6		CONTROLS CHECKED AND LUBED. EXHAUST CHECKED - O.K. COMPRESSION CHECKED #1 ⁷⁴ #2 ⁷⁷ #3 ⁷⁶ #4 ⁷⁷ . →		
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.			
7-29-94			OIL DRAINED AND REFILLED WITH 5QT ARMOSELL 15W50.		
TACH 4445.2			REPLACED OIL FILTER. ADDED ONE BOTTLE OF ADDITIVE		
TSMOH 417.2			LW 16702. SPARK PLUGS CLEANED AND GAPPED. COILS		
TTC 6233.5			CHECKED AND LUBED. EXHAUST CHECKED - OK. REPLACED		
			INDUCTION AIR FILTER. REMOVED PROP AND RELOCKED THEM		
			REINSTALLED. COMPRESSION CHECK #1 26. #2 26. #3 26.		
			#4 25. ENGINE WASHED AND GROUND RUN UP CHECKED		
			NORMAL		

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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Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			REPAIRS - ADJUSTMENTS - SERVICE - REMARKS		
			I certify that this (aircraft / engine) has been inspected in accordance with a (100 hr. / annual) inspection and determined to be in airworthy condition.		
			DATE 7-29-94 TACH 4445.2		
			SIGNED <u>E. Wallowing</u>		
			ASP 45096612 Rockwell Air Service Inc.		

10-11-94			ENGINE WASHED AND CHECKED FOR OIL LEAK. FOUND LEAK AT		
TACH 4478.7			FITTING ON ENGINE FOR OIL PRESSURE LINE. REPLACED		
			AN 816 FITTING. ENGINE GROUND RUN UP CHECKED		
			NORMAL.		

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.			
JUNE 11, 1993			TACH TIME 4127.8 99.8 hrs SMOH 100 HR INSPECTION Completed this DATE. CHECK FLOW LINES, HOSE, WIRES & ENGINE CONTROLS, CHANGED OIL & FILTER SERVICED with 6 qts Aeroshell 15W50, Run engine to manufacture specs & CK FOR LEAKS		
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRCRAFT CONDITION.		
			SIGNED: <u>Don R. Hunt</u> <u>0524</u> A & P <u>490 787558 DA</u> HART AIRCRAFT SERVICES, INC.		
			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.			
August 13 93			Changed OIL & FILTER SERVICED with 6 qts Aeroshell 15W50 Tach 4187.7 multi-grade Don R. Hunt A&P 490787558 DA		
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRCRAFT CONDITION.		
			SIGNED: <u>Don R. Hunt</u> <u>0542</u> A & P <u>490787558</u> HART AIRCRAFT SERVICES, INC.		
Sept 10, 1993			100 HR INSPECTION completed this DATE. Changed oil & Filter serviced TACH Time 4228.4 with 6 qts Aeroshell 15W50 multi-grade, CK plus cleaned REGAPed and SMOH 200.40 Rotated, Compression CHECK		
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRCRAFT CONDITION.		
			SIGNED: <u>Don R. Hunt</u> <u>0542</u> A & P <u>490787558</u> HART AIRCRAFT SERVICES, INC.		
			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. _____

HART AIRCRAFT SERVICES INC.
P.O. BOX 9058
GREENVILLE TX. 75404-9058

- FEB 25, 1993 TACH TIME: 4028.0 REMOVED LYCOMING O-320-H2AD S/N L-2594-76 ENGINE FROM AIRCRAFT, INSTALLED FRESH FACTORY OVERHAUL LYCOMING O-320-H2AD S/N L-2243-76T W.O. #LB1228216. FOLLOWING ITEMS ACCOMPLISHED:
1. CLEANED, SAND, REPAINT ENGINE MOUNT
 2. CLEANED ENGINE CONTROLS & WIRES REPLACED ELECT. ADELS, BOOTS AS REQ
 3. REPLACED SCAT HOSE 4" FROM REAR ENGINE BAFFLE TO OIL COOLER
 4. REPLACED SCAT HOSE 3" FROM MUFFLER TO FIREWALL
 5. REPLACED SCAT HOSE 2.5" FROM EXHAUST TO CARB HEAT BOX
 6. CLEAN, INSPECT, REPAINT OIL COOLER & SHROUD
 7. CLEAN, REPAINT CARB HEAT BOX
 8. REPLACED BOTH OIL COOLER LINES WITH AEROQUIP HOSES WITH FIRESLEEVE
 9. REPLACED ALL (4) ENGINE MOUNTS (BARRY MOUNTS)
 10. CLEAN, REPAIRED, REPAINT ENGINE BAFFLE INSTALL HIGH TEMP BAFFLE SEAL
 11. REPLACED DRY AIR VACUUM PUMP FROM: *AERO ACCESSORY INC. CRS 4U4R688M*
 12. REPLACED ALTERNATOR BRACKET CESSNA P/N 0550350-1 (EXISTING BROKEN)

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			13. REPLACED MIL-H-6000 HOSE 5/8" FROM VACUUM PUMP TO FIREWALL		
			14. REPLACED MIL-H-6000 HOSE 3/4" FROM ENGINE TO VENT LINE		
			15. REPLACED ALTERNATOR V-BELT		
			16. INSTALLED RECONDITION McCauley PROPELLER MODEL: 1C160 DTM 7557 S/N : 731769 FROM BYAM PROPELLER SER. FT. WORTH, TX CRS. WN1R590K W.O. 14441		
			17. CLEANED, INSPECT EXHAUST SYSTEM INSTALL WITH NEW HARDWARE		
			18. SERVICED ENGINE WITH 6 QTS AEROSHELL W100 50 WT. MINERAL OIL		
			ENGINE TEST RUN AND FLOWN FOR 3 HRS. CHECKED ALL CONNECTIONS, WIRES, AND ENGINE CONTROLS, FOUND NO LEAKS.		
			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.		
				<i>Don R. Hart ASP 49078755B</i>	
			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.

TEXTRON LycomingReciprocating Engine Division/
Subsidiary of Textron Inc.652 Oliver Street
Williamsport, PA 17701 U.S.A.TLW-489
(Rev. 8-92)

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming manuals. All Federal Aviation Administration Airworthiness Directives and Textron 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 either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: 0-320-H2AD
 Serial #: L-2243-76T
 Total Time: 5816.3
 Work Order #: LB1228216
 Date Completed: 1/2/93

Authorized Signature S. F. Ellis
 Textron Lycoming Reciprocating Engine Division
 652 Oliver Street
 Williamsport, PA 17701
 Repair Station: EJ1R115K

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date FEB 25, 1993	
Type	Model 0-320-H2AD	Serial No. L-2243-76T	
Rated H.P.	Max.H.P. 160	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			

TEXTRON Lycoming

Textron Lycoming/Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING

MAKE

MODEL

SERIAL

FROM FEB 25, 1993 19 ____ TO ____ 19 ____

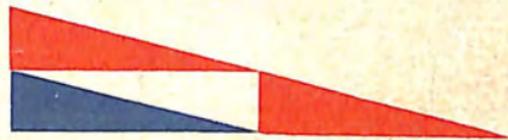
DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872

September 1987

#1

Cessna[®]



ENGINE
AND PROPELLER LOG

N5210F

SERIAL NO. L-6978-76

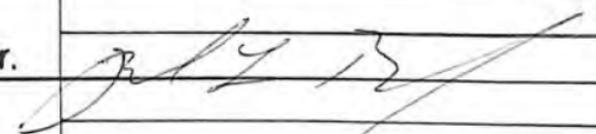
PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
		Date <u>7-16-96</u>		T.T.A. <u>3617.4</u>	
				T.T.E. _____	
				Tech Time <u>3617.4</u>	
		I certify this <u>ENGINE/PROP</u> has been inspected in accordance with an <u>ANNUAL/100 HOUR</u> inspection and was determined to be in airworthy condition.			
		Signature <u>[Signature]</u> A. & P. <u>2076557IA</u>			

MEMORANDA

Date	5-14-97	Tach 3711.4	I Certify This Eng. has been Insp. IAW own Annual Insp. & Determined to be in Air worthy condition. Change oil & Filter. Serviced with 15W50 Aeroshell, C/W AD 80-04-03 by Insp. of Disty, Compression #1 78 #279 #379 #477. Cleant & gapped spark plugs. Washed down Eng. off. Check ok. No leaks noted. End. <u>[Signature]</u> AIP 214822430 DA
Date	2-12-98	Tach 3811.5	I Certify This Eng. has been Insp. IAW own Annual Insp. & Determined to be in Air worthy condition. Change oil & Filter serviced with 15W50 Aero Shell & C/W 702 oil. Addition Compression #1 76 #2 78 #379 #477, Tim check, Cleant & gapped spark plugs. Run up ok. No leaks noted. End. <u>[Signature]</u> AIP 214822430 DA

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS	
DATE	INSPECTED BY	CONDITION	DATE	REPAIRS MADE
<p>I certify that this aircraft/engine/propeller has been inspected in accordance with a <u>Annual</u> inspection and has been found to be in airworthy condition.</p>				
A.F.T.T. _____			Ent. T.T. <u>1122.7 sm/h</u>	
Date <u>8-30-95</u>			Hobbs _____	
Tach <u>3521.5</u>			_____	
For Air Repair, Inc. Richard Lee Brown, Jr. A&P 213708968 I.A.				
<p>Drained & replaced engine oil w/ Aeroshell 15W50 complied with AD 80-04-03 R2 by inspection of engine oil filter no contamination found</p>				

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS	
DATE	INSPECTED BY	CONDITION	DATE	REPAIRS MADE
<p>Compl. with AD <u>78-09-07 R3</u> By inspection of Impulse Coupling Dec Beal <u>500 H/25 Magneto PN 10-385124-115</u> S/N <u>27983</u> Replaced <u>4 spark plugs w/new Top Positions</u> 8/30/95 Tach <u>3521.5</u> <u>AP 213708968 I.A.</u> Oil changed, oil filter changed, Aeroshell 15W50 added, complied with AD 80-04-03. Spark plugs cleaned and gapped, timing checked, compression checked 1-4 over 80% 76, 77, 75, 76. All Def Buhras AP 2076557</p>				

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-15-93	Touch	3294		hours. Oil changed, oil filter changed, aeroshell 15W50 added, this oil complies with AD 80-04-03. spark plugs cleaned and gapped, compression checked 1-4 over 80: 74, 74, 72, 74. Ed Fox-Jurham A# P2076557		
				SMOH: 895.2 Total Time... 3294 Tachometer... 3294 I certify that this (engine) has been inspected in accordance with a (annual/100 hour) inspection and was determined to be in airworthy condition. Dated... 11-15-93... W.O. No. 111593-1 Signed Ed Fox-Jurham IA2076557		
04-10-94	Touch	Time	334	5.6 oil change Aeroshell 15W50 add 6 qt. Nijr Bakara 2378087CF11 owner		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
9-19-94	Touch	3411	hours.		Oil changed, oil filter changed, aeroshell 15W50 added, complies with AD 80-04-03. spark plugs cleaned and gapped, timing checked OK, compression checked 1-4 over 80: 78, 74, 78, 76. Ed Fox-Jurham, A# P2076557
					SMOH: 1012.2 Total Time... 3411 Tachometer... 3411 I certify that this (prop) (engine) has been inspected in accordance with a (annual/100 hour) inspection and was determined to be in airworthy condition. Dated... 9-19-94... W.O. No. 091994-1 Signed Ed Fox-Jurham IA2076557

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
23 Nov '92	Tach	3053.2		SMOH 653.6 Cap. Ltd annual engine AD's checked thru 92-21 ch AD 80-04-03 by manual inspection of filter oil oil addition. Drain oil check weather, check fuel - send with Aeroshell 15W50 oil and C1498103 filter. Drain fuel bowl, check fuel system. Check and gap spark plugs compression check #1 7/8 #2 7/8 #3 7/8 #4 7/8. No ground run with.		
DATE <u>23 Nov '92</u> TOTAL TIME <u>653.6 SMOH</u> I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN <u>AIRWORTHY</u> CONDITION. APPROVED BY: <u>James D South</u> AUTHORIZED INSPECTOR: <u>A.P. 21688993 IA</u>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6-29-93	Tach	3180.6		hours. Oil changed, oil filter changed aeroshell 15W50 installed to comply with AD 80-04-03. Spark plugs cleaned and gapped. Compression checked 1-4 over 80:78, 77, 78, 78. SMOH: 781 Total Time..... 3180.6		
Tachometer 3180.6 I certify that this (Aircraft) (engine) has been inspected in accordance with a (annual/100 hour) inspection and was determined to be in airworthy condition. Dated <u>6-29-93</u> W.O. No. <u>062993-1</u> Signed <u>James D South</u> IA 2076557						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 7-23-92				<p>Totals 2818.6 hours. Oil changed oil filter, changed aeroshell 15W50 oil added. New induction air filter installed. Compression checked 1-4 over 80: 76, 78, 70, 76.</p> <p>Total Time..... 2818.6</p> <p>Tachometer 2818.6..... I certify that this aircraft (engine) has been inspected in accordance with a (annual) (100 hour) inspection and was determined to be in airworthy condition.</p> <p>Dated. 7-23-92 W.O. No. 092392-1</p> <p>Signed <i>[Signature]</i> P. 2076557</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 92 11 June @ 2917	2 hrs			<p>517.6 hrs SMOH: Annual inspection completed this date. Changed oil + filter. Serviced with 6 qts aeroshell 15W50. All cyl. compressions satisfactory. Fuel strainer drain + checked. All plugs cleaned, gapped + tested. Removed mag + CW AD 78-09-01 R3 by insp. of impulse coupling. Re install + re timed + torqued 150"lb for hold down nuts + 30"lb for cover screws. Check exhaust system + replaced manifold with new SN# 2-1297. Intake clamps + rocker screws tightened. Eng. controls checked. Props cleaned + checked. Eng. ground new + checked for leaks. Operation satisfactory - AD 80-04-03 R2 CW by insp. of oil filter + suction screen + use of aeroshell 15W50.</p>		
<p>DATE 11 June 92 TOTAL TIME 517.6 hrs SMOH</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>ANNAPOLIS AERO SERVICE <i>[Signature]</i></p> <p>AUTHORIZED INSPECTOR 1600120 A+P, I.A.</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 90				Date <u>15 OCT 90</u> I certify that this aircraft engine has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition total time <u>2516.6</u> tach time <u>2516.6</u> <u>TSMOH (117.30)</u> <u>J. O. P. Fuqua</u> <u>IA 114-42-7782</u>		
11/12/91	2696.7 TACH SMOH 297.4			NOTE: OIL CHANGED TO HUS PRIOR BY OWNER. MAINTENANCE COMPRESSION CR ON CND. ① 70/30 ② 68/100 ③ 70/100 ④ 70/100 SAFETIED OIL FILTER. SAFETIED BROKEN WARE ON ACF. REPLACED OIL LINE FROM OIL COOLER TO ENG. AFTER FABRICATING AND TESTING TO 200 PSI. CLEANED BATTERY BOX. RETURNED ROCKER COVERS. RETURNED INTAKE HOSE CLAMP. STOP DRILLED CRACKED ENGINE BAFFLING. FABRICATED A NEW BRACKET FOR CARB TUBE PICK UP. SEPARATED EGT WIRES AND TAPED. RETURNED OIL DIP STICK HOUSING + SAFETIED. GAD RUN ENG NO LEAKS.		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				BUTLER AVIATION BALTIMORE/WASHINGTON INC. BALTIMORE/WASHINGTON INTERNATIONAL AP. MARYLAND 21240. I certify that this <u>ENG /PROP</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. <u>2696.7</u> <u>SMOH 297.4</u> 11/12/91 <u>A.D. notes through 91-19</u> Details on file at this agency Order No. <u>122968</u> Station No. <u>DC11081K</u> Signature <u>CR Jarrold</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
				Functional test flight and brake in of eng. required.		
9-1-89		2458	9	TT: 59.6 Hrs. SMOH: Completed 100 hour inspection on this date. Changed oil & filter. Serviced with 6 qt. Shell W100 & ES48103 oil filter. C/W AD 80-04-03 R2 by adding LW-16702 oil additive & inspecting oil filter. Cleaned oil screen & fuel screen. Replaced breaker points in magneto and set timing. Compression test - #1 74/90 #2 75/90 #3 74/90 #4 76/90		
<p>I CERTIFY THAT THIS AIRCRAFT (OR ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p>						
<p>Harold Dickinson Jr. ATP 83447932</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
6/15/90		2513	4	Drain oil. Check screen, change with service oil by the Amco 50 and EW48103 filter. C/W AD 80-04-03 R2 by inspecting filter and adding LW-16702 additive.	Sam J. Wagner A-P 21688993	
15 OCT 90				COMPRESSION CHECK #1 (78) #2 (78) #3 (79) #4 (77) - MAGNETO TIMING ADJUSTED - SPARK PLUGS CLEANED AND GAPPED - CARB INLET SCREEN INSPT AND CLEANED - REMOVED AND REPLACED CRANKSHAFT SEAL - ROCKER COVER GASKETS REPLACED - ALL EXHAUST GASKETS AND HARDWARE REPLACED - ENGINE WASHED DOWN - PROP NICKS DRESSED AND BLADE FALE PAINTED - ENGINE RUN-UP AND LEAK AND OP'S CK'D		
<p>SATIS: TACH 2576.6 A-P 114-42-7782</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
ASSEMBLY, GASKETS AND SET FLOAT LEVEL IN CARBURATOR. ALL WORK ACCOMPLISHED IN ACCORDANCE WITH AVCO LYCOMING OVERHAUL MANUAL PART NO. 60294-9 USING ACCEPTABLE METHODS, TECHNIQUES AND PRACTICES. ALL CURRENT APPLICABLE SERVICE BULLETINS AND A.D. NOTES COMPLIED WITH. ENGINE TO BE INSTALLED IN AIRCRAFT AND TEST RUN IN ACCORDANCE WITH AVCO LYCOMING SERVICE INSTRUCTIONS NO. 1427A. TACH TIME : 2399.3 JUNE 30, 1988 Leroy T. Mathis A.&P. 243249907						
8 July 88 @ 2399.3 hrs Tach : 0 hrs SMOH. Engine re installed on Corona 172 N5210 F. New oil filter installed and serviced with Aeroshell mineral oil. Robert Mitchell A&P 1600126						
25 July 88 - Replaced both coils in magnets - assembled, timed and installed magnets on engine - ground run satisfactory Arthur B. Kestner A&P 1398978						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
 <p>KINGS MOUNTAIN AIRCRAFT, INC. 506 EAST KING STREET KINGS MOUNTAIN, N.C. 28086 PHONE (704) 739-2814</p> <p>THIS ENGINE SER. # <u>L-6978-76</u> WAS REPAIRED THIS DATE <u>JUNE 30, 1988</u> TACH. TIME <u>2399.3</u> PER F.A.A. REGULATIONS AND MFG. SPEC. WORK ORDER # <u>261</u> ON FILE AT KINGS MOUNTAIN AIRCRAFT, INC.</p> <p>NAME <u>Leroy T. Mathis</u> NO. <u>243249907</u></p> <p>WARRANTY 100 HOURS CONDITIONALLY</p> <p>All engines warranted against defect in material and workmanship to 100 hours, to include parts and labor. an additional pro-rated warranty, parts only to 1000 hours. All parts and labor to be approved by KINGS MOUNTAIN AIRCRAFT, INC. prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5/24/88 @ 23	99.3 hrs			tech; completed annual inspection. Applicable AD's checked thru this date. The following discrepancies exist at this time. 1. Engine will not develop minimum static RPM. 2. Ferrrous metal found in oil screen. 3. Engine not in compliance with AD 80-04-03. 4. Internal muffler baffles broken out. PM - OK per Cessna Service rep.		
<p>The aircraft identified above was inspected IAW the instructions and procedures for..... an annual inspection and a signed and dated list of the defects, if any, found during the inspection was given to the owner or operator of the airplane. Signature: <u>Robert J. Mitchell</u> Date: <u>5/24/88</u> Total time, or hobbs: <u>2399.3</u> Repair station or Mechanic certificate number: <u>JA160012C</u></p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				ENGINE COMPLETELY DISASSEMBLED, CLEANED AND INSPECTED. ALL INTERNAL STEEL PARTS MAGNAFLUXED. ALL MAJOR COMPONENT NON FERROUS PARTS ZYGLOED. CRANKSHAFT POLISHED. CYLINDERS HONED TO RING FINISH. GUIDES, SEATS AND STUDS REPLACED AS NEEDED. EXHAUST PARTS MILLED. VALVES AND SEATS GROUND AND LAPPED TO SEAL. #3 CYLINDER REPAIRED BY A.E.R.D. AVIATION, SEE TAG. ENGINE ASSEMBLED USING ALL NEW PISTONS AND RINGS. ALL NEW EXHAUST AND RECONDITIONED INTAKE VALVES. ALL NEW VALVE KEEPERS. ALL NEW MAIN AND ROD BEARINGS. ALL NEW IGNITION HARNESS. NEW GROUND CAM SHAFT, SEE TAG. ALL NEW VALVE LIFTERS. ALL NEW PISTON PINS AND PLUGS. NEW CAPICATORS, POINTS, BEARING, BRUSHES AND SEALS IN MAGNETO. POLISHED COMUTATOR AND LUBRICATED GEARS AND BEARINGS IN STARTER. NEW BRUSHES AND BEARINGS IN ALTERNATOR. NEW NEEDLE VALVE AND HEAT ASSEMBLY. NEW THROTTLE VALVE SHAFT AND STOR		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 June 13 1986	1.00			1. Total + Lock 2276.0 1. Compression Check Cyls #1- 77/80 #2- 77/80 #3- 77/80 #4- 78/80 2. Replaced oil Phillips 20/50 Replaced oil filter 3. AD 80-04-03 Insp + Replaced filter LW16702 oil additive 4. Replaced #3 Valve Cover gasket		
Date: June 13, 1986 Time in Service 2276.0 I certify that this aircraft and/or engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.				James L. Dodge		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 13Apr 87	1.00			2339.9 hrs TT; 811 hrs hobs; Completed Annual inspection. all AD's checked thru this date. C/W AD 80-04-03 ^{R1} B by insp. of filter and use of LW16702 additive. C/W AD 78-09-07 ^{R3} by replacement of magnets impulse. AD 80-17-14 found NA by "D" stamp + tint. C/W AD 84-26-02 by replacement of induction air filter. Replaced both points in mag. + re set timing - to 25°. Replaced all rocker cover gaskets. checked rockers for condition. Replaced carb. heat duct. Replaced corroded exhaust hardware at stack flanges. Compression check all cylinders read 75/80 or better. Changed oil and filter. using Phillips xc oil and LW16702 additive. Plugs cleaned gapped + tested. ignition system checked. Fuel bowl + screen cleaned + checked. Muffler and exhaust system checked. Engine cleaned + serviced + inspected. Ground operations checked. Satisfactory.		
Date: 13Apr 87 Time in Service 2339.9 I certify that this aircraft and/or engine has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.				James L. Dodge		
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. ANNAPOLIS AERO SERVICE AUTHORIZED INSPECTOR				Robert S. Mitchell		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
Sept 3, 1985				Total & dock 2014.5		
				1. Compression Check Cyls #1. 78/80 #2. 78/80 #3. 76/80 #4. 76/80		
				2. Drained & re-serviced oil Installed new CH48104 filter		
				3. AD 80-04-03 C/W Dump filter & added LW 16702 oil additive.		
				Date <u>Sept 3, 1985</u> Time In Service <u>2014.5</u>		
				I certify that this aircraft engine has been inspected in		
				once with a <u>100 hour</u> inspection and was determined		
				to be in <u>airworthy</u> condition.		
				<u>James L. Hodges</u>		
				<u>James L. Hodges, IA AP 170</u>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
March 12, 1986				Total & dock 2174.1		
				1. Compression Check Cyls #1. 78/80 #2. 76/80 #3. 78/80 #4. 75/80		
				2. Drained & re-serviced oil, Installed new CH48104 oil filter		
				3. AD 80-04-03 C/W Dump filter & added LW 16702 oil additive		
				4. Installed 8 RHM 38E spark plugs		
				5. Replaced 3 Eng Cool Block mounts		
				Date <u>March 12, 1986</u> Time In Service <u>2174.1</u>		
				I certify that this aircraft engine has been inspected in		
				once with a <u>ANNUAL</u> inspection and was determined		
				to be in <u>airworthy</u> condition.		
				<u>James L. Hodges</u>		
				<u>James L. Hodges, IA AP 170</u>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1984				Engine run-up and leak check satisfactory and returned to service		
				I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY TOTAL TIME <u>1732</u> SIGNATURE <u>James B. Manito</u> DATE <u>8/7/84</u> A & P <u>223721005</u>		
10/3/84	Tach 1746			Removed 2000 series mag installed new distributor block P/N 10-382970, installed 2 new gear kits P/N 10-682014 installed 2 new capacitors P/N 10-382807, installed 2 new contact sets P/N 10-382585. Parts were replaced due excessive carbon on mag inside mag. Installed magnets and timing to Engine 25° BT. Engine run-up and leak check satisfactory. Returned to service.		
				James B. Manito A & P 223721005		

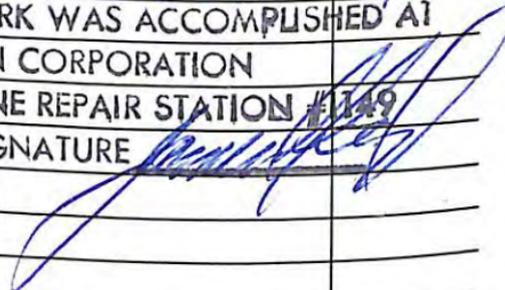
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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1985				May 23, 1985 total + Tach 1917.0		
				1. Compression Check Cyl #1 - 78/80 #2 - 76/80 #3 - 76/80 #4 - 78/80 2. Drained & re serviced oil Aero Shell W100, Replaced filter AD 80-04-03 9w mag filter & oil additive LW 16702 3. Muffler removed, Cracked End welded, re-installed + New Exhaust Gaskets 4. Replaced Cracked front Eng baffling 5. Altered mag prop nuts & re painted face		
				Date <u>May 23, 1985</u> Time in Service <u>1917.0</u> I certify that this aircraft and engine has been inspected in accordance with a <u>Annual</u> inspection and was found to be in airworthy condition. James J. Hodze James J. Hodze, IA AP 1700		

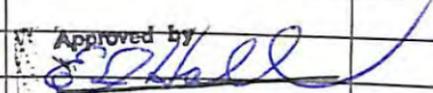
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ENGINE LOG

DATE 19 83	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-31-83	TACH 1656.3			Replaced starter with MHB 4010R SN 3070734 W/O # 8304		
				THE ABOVE WORK WAS ACCOMPLISHED AT MAINE AVIATION CORPORATION PORTLAND, MAINE REPAIR STATION #1149		
				AUTHORIZED SIGNATURE 		

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ENGINE LOG

DATE 19 84	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3-1		1714.2		DRAIN oil replace filter fill with AERO shell 50W. And hyc 16702 Additive. ops. check OK.	Approved by 	
				Inspector for Piedmont Aviation, Inc. Norfolk, Va. FAA Repair Station 1282		
8/7/84	Tach 1732			ENSTT 1732 ① 100hr inspection completed this date for annual. ② Comp. Reqs. ① 71/8 ② 71/80 ③ 72/80 ④ 70/80 ③ Changed oil and air filter, insp. filter check OK. serviced with 7 qts Aero shell 50W and hyc LW 16702 oil additive. ④ C/W AD 80-01-03 oil contamination caused LW 16702 ⑤ C/W AD 78-09-07 Bendix impulse coupling IAW SB 599B clearance & initial run play within limits & no action required, installed mag & Tuned to 25° BTC. ⑥ cleaned fuel screens & oil suction screen & air filter. ⑦ cleaned, gapped, & tested & rotated spark plugs & tested leads.		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOTHS			
19 82 11-25-82	Tach			Time 1580.04. Changed oil and filter using 6qts AeroShell 80W oil Ch 48104 filter C/W AD 80-04-03 Para. B 1+2 using BHLW 016702 oil. Additive operational leak check OK. Found no contamination in old filter. Return to Service this Date. 11-29-82 Jeffery A. Buchwald 93484006 RP End		
5-19-83	Tach			Time 1623. Changed oil and filter. Inspected filter no contamination found. Used CH 48104 filter. Serviced with 6 Qts AeroShell 100W. C/W AD 80-04-03 Para B 1+2 using LW 16702 oil additive. Removed D-2000 Wax replaced distributor block Bendix PIN 10-687010. Internally timing was clean & gapped contact set, reinstalled wax and timed to 25° BTC. Engine run-up & leak check OK and is returned to service. James B. Monte A&P 223721005. - END -		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOTHS			
19 7-13-83	Tach			Time 1643.6 ① 100hr inspection for annual completed this date. ② Comp Results: ① 75/80 ② 73/80 ③ 74/80 ④ 74/80 ③ Changed oil & filter using CH 48104 filter inspected filter ok. Serviced with AD 80-04-03 ④ Installed 8 new RHM-38E spark plugs. ⑤ Repaired muffler and muffer. Re-welded analyzed and replaced exhaust stack with foil on the clamps due to leakage and installed all new bolts & nuts & new exhaust gaskets. ⑥ C/W AD 80-04-03 oil contamination Para B 1+2 using LW 16702 oil additive. ⑦ Replaced carburetor air duct PIN 52282-2 ⑧ Engine Run-up and leak check OK. Approved for Return to service. Note: See Detailed Inspection Report in Mount Records.		

I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY

TOTAL TIME 1643.6 SIGNATURE James B. Monte
DATE 7/13/83 A & P 223721005

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
9-1-82	Tech	1531	8	Removed #2 cyl. sent to Aerodyne where guides were Reamed and Exhaust valve was cleaned, ground, and Reseated. (Reason: stuck Valve). Cyl. was then Reinstalled with new cyl. Base O-Ring, Push-Rod, Push-Rod shroud + Seals. Also Reamed all other Exhaust Valve guides to Remove Carbon. Installed new Valve cover gaskets, Exhaust gaskets + The Intake gasket on #2 cyl. - End Jeffrey A. Buchwald 93484006 A+P			
9-1-82	Tech	1531	8	A/C operational check OK. A/C A/C approved for Return to service. - Jeffrey A. Buchwald 93484006 A+P End			

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
9/15/82	Tech	1547	2	Changed oil and filter. ^{#48703 filter} C/W AD80-04-03 Para B 102. packed replaced becoming additive C/W 16702. Inspected filter, no contamination found. Sourced 1 qt of 6 Qts AS100W. Engine run up and leak check OK. Engine returned to service. James B. Mante ACP-223-721005-END			
10/29/82	Tech	1568		Complied with AD82-11-05 AMST 39-4389 PARA A Bendix 8-2000 mag. TAW Bendix SB617 no brass contamination was found. Installed new seal with Bendix P/N 10-682014. Installed mag and timed to 25° BTC. Engine run-up & mag check OK. Approval for return to service. James B. Mante ACP-223721005-END NOTE: Repetitive inspection no longer required			

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5-19-82	Tach 1348			Engine & Serviced 6 QTS AS 100 w oil. Replaced filter and 1 can of Additive		
6-11-82	Tach 1399			<ol style="list-style-type: none"> 100hr inspection completed this date C/W AD 80-01-03 Para B, 1+2 Changed oil and filter, inspected filter, OK. Sprayed with 6 QTS AS 100W and additive clean gapped tested & rotated spark plugs clean fuel screen & head & air filter Comp results ① 75/80 ② 76/80 ③ 75/80 ④ 76/80 Tightened oil chain tube clamps on #1 & #3 cyl. 		
I CERTIFY THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY.						
TOTAL TIME		1399		SIGNATURE <u>James B. Mante</u> END -		
DATE		228 22 1005		A & P		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
7-20-82	Tach 1454			Changed oil & filter using Aras shell 100w and Ch 48104 Filter. C/W AD AD 80-4-3 by own using Additive LW 16702 & inspection as per par. B 1 and 2.		
I CERTIFY THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY.						
TOTAL TIME				SIGNATURE <u>Jeffrey A. Buchwald</u> 93484006		
DATE				A & P		
I CERTIFY THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY.						
TOTAL TIME				SIGNATURE <u>Jeffrey A. Buchwald</u> 93484006		
DATE				A & P		

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DATE 8/5/82 A & P 93484006 - End -

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE <u>Comp. CR #174/80 #275/80 #375/80 #475/80. (C/W AD 80-04-03R1</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Amnt 39-3977 para B 1+2 found satisfactory part 1 Due</u> 100 HR. INSPECTION AND HAS BEEN <u>again tach 1156 part 2 due again tach 1203. Replaced</u> FOUND AIRWORTHY <u>intake pipe hose connector cyl #3. Changed oil +</u> TOTAL TIME <u>1106</u> SIGNATURE <u>M. J. Morgan</u> DATE <u>10-24-81</u> A & P <u>57666630</u> <u>filter serviced 6 qts AS W/1000 one can additive.</u> <u>LW 16702. Run-up leak ck'd OK. M. J. Morgan APT 57666630</u> <u>~~~~~</u> I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE <u>% with A.D. 80-04-03R; Amnt 39-3692 Due</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Again at 1248 A.D. 81-18-04 R1 Amnt 39-4199</u> 100 HR. INSPECTION AND HAS BEEN <u>Does NOT affected this engine. Changed oil to</u> FOUND AIRWORTHY <u>League</u> SIGNATURE <u>League</u> TOTAL TIME <u>1198</u> A & P <u>415783113</u> DATE <u>01-15-82</u> <u>Filter find knob metal, serviced with 7 qt Permed</u> <u>80 # Dale 6 oz bottle LW-16702. Clean Rest Rotor</u> <u>SPARK PLUGS Removed + Replaced NO#3 cylinder Baffle, change all Exhaust Gasket</u> <u>RUN ON LEAK Check Satisfactory. Return this engine to Service Henry W. Logg</u> <u>APT 415783113 01-15-82 END OF Entry.</u></p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
<p>03/1/82 Tach 1254 Drawn - Serviced 6 Qts 875 80W oil Changed filter and "Duc" Additive. - End -</p>						
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE <u>4/8/82 Compression 75/80 73/80 76/80 74/80 Changed oil</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>and filter, inspected filter for contamination ch. ck.</u> 100 HR. INSPECTION AND HAS BEEN <u>Complied with AD 80-04-03 para B, 182 Due again at</u> FOUND AIRWORTHY <u>Tach 1348 hr. Complied with AD 78-09-07 Bendix</u> TOTAL TIME <u>1298</u> SIGNATURE <u>James B. Mente</u> DATE <u>4/8/82</u> A & P <u>223721005</u> <u>impulse coupling Para C, inspected in accordance with</u> <u>Bendix SB 599A, due again at Tach 1798 hr. Cleaned gages</u> <u>tested and rotated spark plugs, checked plug leads + mag timing</u> <u>Repaired leaflet at #3 cyl, cleaned fuel screen. Serviced with</u> <u>7 qts AS 100. Engine Run-up + lead check satisfactory.</u> - End - James B. Mente APT 223721005</p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p> <p>Comp CK #1 ⁷⁵/₈₀ #2 ⁷⁵/₈₀ #3 ⁷⁵/₈₀ #4 ⁷⁵/₈₀. Jw AD. 80-04-03 Pmtt.</p> <p>39-3977 PARA B, 1+2 found satisfactory. Serviced 6 qts AS w 80, and 1 can LW 16702 Additive. Run-up leak checked OK.</p> <p>SIGNATURE <u>M.A. Marziani</u> Michael A. Marziani AP 57666630 AI</p> <p>DATE <u>4-3-81</u> A & P <u>57666630 AI</u></p>						
<p>5/11/81 Tach 560 <u>Overhaul? Serviced 5 qts 100w oil and 1 can of Additive.</u></p>						
<p>6-12-81 Tach Reads 906 TTE 906 Engine oil drained. Filter & screen inspected. Jw AD 80-04-03 Ammd. 39-3977 EFF. Date PARA B 1+2 Results Negative. Engine serviced with new filter. 6 qts Aeroshell 1 w 100 (50wt. AD) and 1 can LW 16702 Additive. Compression Results 173/80 2 75/80 3 75/80 4 75/80 Timing checked. Plugs cleaned gapped rotated tested & reinstalled. Fuel shaver cleaned, Air Filter cleaned. Controls lubed AS Regl. J.T. Blumling AP 360528828 IA</p> <p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p> <p>TOTAL TIME <u>906</u> SIGNATURE <u>J.T. Blumling</u></p> <p>DATE <u>6-12-81</u> A & P <u>360528828 IA</u></p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1981						
<p>July 14 1981 Tach 957. Changed oil & filter. Serviced 6 qts AS w 100 + one can additive LW 16702. Run-up leak checked OK. Michael A. Marziani AP 57666630 AI</p> <p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p> <p>Comp CK #1 ⁷⁵/₈₀ #2 ⁷⁵/₈₀ #3 ⁷⁵/₈₀ #4 ⁷⁵/₈₀. Jw AD. 80-04-03 Pmtt. 39-3977 para B, 1+2. No ferrous metal found. Due again @ Tach 1103. P.D. 78-9-7 RZ Clw @ Tach 971 Due again @ Tach 1471, see A/C log for entry.</p> <p>SIGNATURE <u>M.A. Marziani</u> Michael A. Marziani AP 57666630</p> <p>DATE <u>8-13-81</u> A & P <u>57666630</u></p> <p>Changed oil, serviced 7 qts AS w 100 + 1 can additive. Replaced all spark plugs. Run-up leak checked OK.</p> <p>end - Michael A. Marziani AP 57666630</p>						
<p>9/22/81 Tach 1056 <u>Overhaul? Serviced 6 qt 100w oil filter changed & 6 oz. of additive</u></p>						
<p>11/30/81 Tach 1105 <u>Drained & Serviced 7 qts 80w oil, changed filter: 1 can of additive</u></p>						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p> <p>TOTAL TIME <u>698</u> SIGNATURE <u>Thomas W. Sears</u></p> <p>DATE <u>12/2/80</u> A & P <u>2018624</u></p> <p>Compression 75% all cylinders. Changed oil & filter. Cleaned screens. Serviced 6 qts AS 40 W & one can C/W 16702 additive.</p> <p>Replace mag breaker assembly & check again at 1108 tach. Retimed mag to engine. Adjust idle mixture. Serv AD 80-4-3 amdt 39-3977 11/24/80 para B. Due again at 658 tach. Pump & leak checked OK.</p> <p><u>Thomas W. Sears</u> <u>A/P 2018624</u></p>						
<u>12/31/80</u>	<u>Tach 659</u>	<p>Drains. Service 6 qts AS 40 W, 1 CAN C/W 16702 Add. TUE. C/W AD 80-04-03 and found Satisfactory. Amdt 39-3977 DATED 11/24/80.</p>				

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
<p>PARA B. Due again at Tach 708. Pump & leak checked OK.</p> <p><u>Thomas W. Sears</u> <u>A/P 2018624</u></p> <p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p> <p>TOTAL TIME <u>709</u> SIGNATURE <u>MA Margiani</u></p> <p>DATE <u>1-27-81</u> A & P <u>76666630</u></p> <p>Comp. CK #1 75% #2 75% #3 75% #4 75%. Retimed mag to 25° BTC. Changed oil & filter. Serviced with 6 qts AS W80 & can additive. Serv AD 80-04-03 para B Amdt. 39-3977-11/24/80 screens o.c. Run-up leak OK. Michael J. Margiani A/P 576666630</p>						
<u>1-25-81</u>	<u>Tach 759</u>	<p>Drains & Serviced 5 qts AS 40 oil and 1 CAN C/W 16702 additive.</p>				

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOTHS			
I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY						
TOTAL TIME	307			Compression @ 1-77/80, 2-75/80, 3-76/80, 4-75/80. Serviced 7qt ASSOW + 1 can of LW 16702 additive. Runup & leak checked OK. 4WAD	Thomas Wilson	
DATE	5/16/80	A & P	2018624			
	80-4-3 amdt 39-3692, 2/8/80 para B - no metal.			Thomas Wilson		
	6/13/80 TACH 361			Drained & Service 6 QTs AS50W and 1 Can of Additive.		
I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY						
TOTAL TIME	495			Compression @ 1-73/80, 2-75/80, 3-75/80, 4-76/80. Serviced 6qt AS50W + one can LW16702 additive. c/w AD 80-4-3 amdt 39-3692 2/8/80 para B. - due again at tach 505 Runup & leak checked OK.	Thomas Wilson	
DATE	7/25/80	A & P	2018624 FA.			

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOTHS			
I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY						
TOTAL TIME	456			Drained & Serviced 6 QTs AS 50W oil. And 1 Additive		
DATE	8/25/80	A & P	57666630			
I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY						
TOTAL TIME	505			Comp. ck. #172/80 #275/80 #375/80 #475/80. c/w AD 80-4-3 reverse OK. Changed oil, serviced with 7qt AS W100 and one can additive LW-16702. Replaced all spark plugs. AD 80-4-3 amdt 39-3692 2-8-80 para. B due again at tach 605. Run-up leak ck'd OK. Michael A. Marziani A&P 57666630	Michael A. Marziani	
DATE	9-23-80	A & P	57666630			
I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY						
TOTAL TIME	555			Drained & Serviced 6 QTs AS 40W oil and 1 Can of Additive.		
DATE	11/6/80	A & P	57666630			

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1980						
2-2-80	TACH 148			Changed oil + filter serviced with 6 qts AS40W + one can of L16702 additive. Removed all four rocker box covers (LW 16475). Reinstalled rocker box covers using new gaskets. Michael A. Marjani A & P 57666630. Run-up leak checked OK.		
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY.</p> <p>Compression: 1 - 24/80, 2 - 25/80, 3 - 25/80, 4 - 26/80. Serviced 6 qts AS40W + one can LW16702, 9/16 AD 80-4-3 annelt, 39-3692, 2/8/80 para b - no metal contamination. - para # a done in 50 hours - parts on order. Run-up + leak checked OK.</p> <p>Signature: <i>Thomas W. Brown</i> A & P 2018624</p>						
4-5-80	Tach 237			Replaced spark plug Cyl. #4 Bottom. War. Firing. Intermittent.	Michael A. Marjani A & P 57666630	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4/14/80	Tach 254			Changed oil + filter, cleaned bottom plugs, serviced 7 qts AS50W, 9/16 AD 80-4-3 annelt 39-3692 2/8/80 para A by installing Tycoming tappet kit # LW165816 and para B by checking for metal. Part # LW-16586 lifters were removed + inspected + rejected because of a wavy appearance on lifter face. Cam checked OK. New LW16586 lifters were installed. Run-up Dry tappet clearance checked. Run-up + leak checked OK.	<i>Thomas W. Brown</i> A & P 2018624	

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ENGINE DESCRIPTION

Mfgr.	LYCOMING		Place	Date
Type	H-OPPOSED		Model	0-320-H2AD
Rated H. P.	160	Maximum H. P.	160	Serial No.
Rated R. P. M.	2700	Maximum R. P. M.	2700	L-6978-76
Bore		Stroke		Weight (Dry)
Compression Ratio		Supercharger Ratio		Oil Pressure
Propeller	McCAULEY	Hub Design	1C160/DTM	Displacement
Blade Design		Blade Serial		Cu. In.
Maximum Hub H. P.		Blade Serial		Gear Ratio
Pitch	57°	Diameter	75"	Hub Serial No.
Owner's Name				
Address	City		State	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19-29						
8-8	10	10			William E. McCoy	
10/30/29				Leak 55. Changed oil & filter. Serviced 6978 aeroshell 50wt washers. Runup & leak checked OK.	Thomas W. Gannon AIP 2018624	
<p>I CERTIFY THAT THIS AIRCRAFT AND - OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND HAS BEEN FOUND AIRWORTHY</p>						
TOTAL TIME	97	SIGNATURE		Thomas W. Gannon	Compression? 75/80 all cylo. Secure rocker cover screws. Adjust alternator belt tension. Service 7978 4540w. Runup & leak checked OK.	
DATE	12/19/29	A & P		2018624	Thomas W. Gannon AIP 2018624	

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