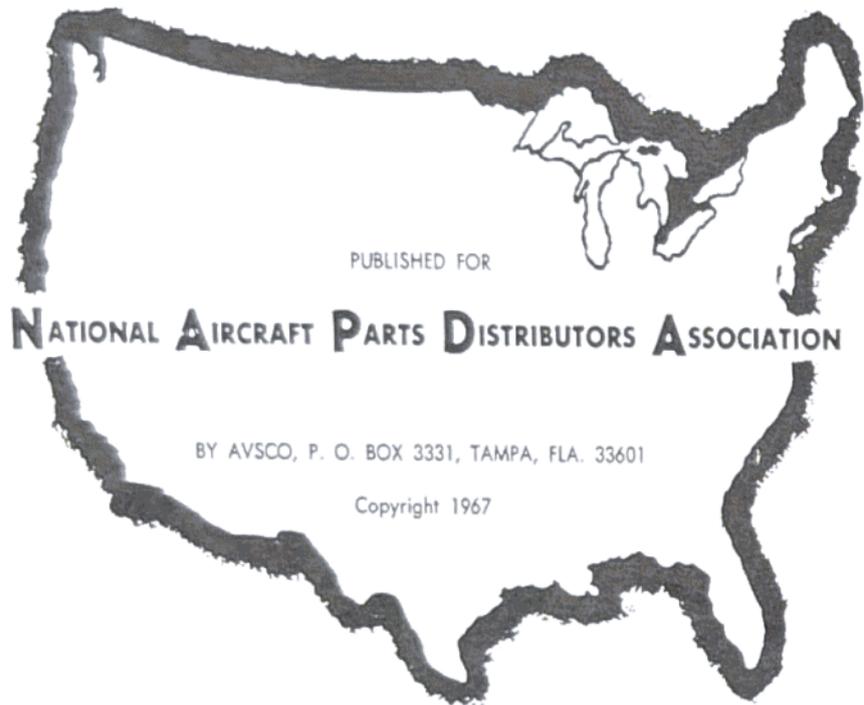


1979 - 1995

*The Standard*



ENGINE LOG



ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Continental MODEL T510-360-GBI

SERIAL 309128 TYPE CERTIFICATE E9CE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT MAOK; Sr 25-0120; N231AZ

MINIMUM OCTANE FUEL \_\_\_\_\_ OIL GRADE SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_

MAGNETO TIME \_\_\_\_\_ POINT SETTING \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

MFG. RECOMMENDED OVERHAUL AT \_\_\_\_\_ HOURS.

The Standard



ENGINE LOG



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-18-80		THR	204.9	CLEAN + GAP SPARK PLUGS, REPLACE #2 & 4 CYLINDER PUSH ROD SEALS.
<p><b>ANNUAL</b></p> <p>I certify that this aircraft has been inspected in accordance with the requirements of FAR Part 43.151, and is in Airworthy condition.</p> <p>Date: <u>2-18-80</u> Total time of Aircraft: <u>204.9</u></p> <p><i>[Signature]</i> IA 1635318</p> <p><b>Richard A. [Signature]</b></p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	9-22-80	TRC	329.79	Replaced spark plugs. Cleaned dist. blocks in both mags. Replaced points in right mag. Dressed prop blades.
<p>I certify that this engine has been inspected in accordance with a <u>Annual</u> inspection, and was determined to be in Airworthy condition.</p> <p>Date: <u>9-22-80</u> Total Time: <u>329.79</u></p> <p><i>[Signature]</i> IA 1635512</p> <p><b>Hudson Aircraft Service, Tallahassee, Fla.</b></p>				

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	4-23-81		H.M. 420.75	Cleaned spark plugs. Dressed prop blades. Replaced alti
				I certify that this <u>engine</u> has been inspected in accordance with a <u>Annual</u> inspection, and determined to be in <u>airworthy</u> condition.
				Date <u>4-23-81</u> Total Time <u>420.75</u>
				<u>Charles Wagner</u> IA 1635518
				Hudson Aircraft Service, Tallahassee, Fla.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	9/24/81		H.M. 457.2	Changed oil + <del>filter</del> replaced oil filter. Cleaned air filter.
				Charles Wagner Farmer ATP 1954299

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-12-82	H.M.		520.5	Cleaned sparkplugs. Installed Kit # EQ 6565 IAW 5I M20-58 - pres. lines to magna C/W AD 26-13-10 R1 on oil pump - OK. Installed Kit # EQM 6564 - oil lines to turbo charger. IAW COAT 58 862)
				I certify that this <u>engine</u> has been inspected in accordance with a <u>major</u> inspection, and was determined to be in airworthy condition.
				2-12-82 Total Time <u>520.5</u> <u>[Signature]</u> IA1635518
				Hudson Aircraft Service, Tallahassee, Fla.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6/23/82	H.M.		560.31	CHANGED OIL AND OIL FILTER. CLEANED AIR FILTER
				J. Lee McHugh AIP 247661917

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-25-83	H.M.	608.9		Replace All intake rubbers. Replace crank shaft nose seal. Replaced spark plugs. Dressed prop blades. TurboCharger overhauled + AD 82-27-03 <sup>C/W</sup> at same time C/W SB M20-60 by installing new stainless steel tube PIN 646114. C/W AD 28-09-07 by inspecting mag impulse couplings - OK
				I certify that this <u>engine</u> has been inspected in accordance with a <u>visual</u> inspection, and was determined to be in <u>airworthy</u> condition.
				Date <u>2-25-83</u> Total Time <u>608.9</u> <u>H.H. Hudson</u> # IA-124362
				Hudson Aircraft Service, Tallahassee, Fla.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-10-83	H.M.	649.04		INSTALL NEW CAT PROB. <u>[Signature]</u> AIP 635518
7-26-83	H.M.	655.4		Changed oil & filter used 80ts of AE10 W100 & CH 48108 filter. Cleaned & Gapped all plugs. Washed eng down Run-up ok - No leaks. C.P. Nicora AIP 394640465
11-17-83	H.M.	670.3		Changed oil & filter used 80ts of acorshell W 100 and CH 48108 filter. Wash eng down, ops ok, No leaks C.P. Nicora AIP 394640465







DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1985				
May 30, 1985				total time 936.9 changed oil and filter. Serviced with 8 qts Phillips 20W50. Ground check ok. David Kaye ATP 377485220
July 16, 1985				total time 968.5 changed oil and filter. Serviced with 8 qt Phillips 20W50. Ground check ok. David Kaye ATP 377485220

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1985				
July 26, 1985				total time 984.1 cleaned and gapped spark plugs. cleaned and inspected fuel nozzles. checked mags and mag trimming. cleaned Air Filter. ALL work done I/A/W service manual ground check ok. ALL AD's check to date.
				Total Time <u>984.1</u>
				Tachometer _____ I certify that this (aircraft) (engine) has been inspected in accordance with a (100) (100 hour) inspection and was determined to be in airworthy condition.
				Dated <u>July 26, 1985</u> W.O. No. _____
				Signed <u>David Kaye ATP 377485220</u>

CYLINDER NO					
1	2	3	4	5	6
79	76	76	78	78	79
80	80	80	80	80	80
COMPRESSION CHECK					

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
HOBBS 9-3-85	TIME		15.8	Changed oil & oil filter, serviced with PH. 20W50. Checked run ok. o.k. <u>Am/CB</u> A&P 407741374 WO# 1040

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
Oct 1985	4	1985	Total Time <sup>16.75</sup> <del>5.20</del>	changed oil and filter serviced with philips 20W50 18pts cleared fuel injection nozzle cleaned and gaped spark plugs checked Mag tuning. Ground run ok No Leaks.

CYLINDER NO.					
1	2	3	4	5	6
76/80	78/80	78/80	78/80	75/80	78/80

Total Time 62.0  
Tachometer 62.0 Hobbs I certify that  
this (engine) has been inspected in accord-  
ance with a (annual) (100 hour) inspection and was  
determined to be in airworthy condition.  
Date 10-4-85  
Signed David Lajo A&P 377405720



DATE 1986 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

March 5, 1986 Hobbs 216.1 changed oil and filter serviced with 8qt 20W50 Ground Run OK David Kaye ADP 377415220  
End

4-17-86 Hobbs 249.8 Total time 1262.8 changed oil and filter serviced with Phillips 20W50 cleaned and gaped spark plugs. Replaced prop Governor P/N C290D3-F/T 120 Mecanley S/N 794806 Ground opps CK OK 2700 RPM AT 40" manifold pressure. ALL work done I/NW Service Manual. No Leaks.

Cylinder No		1		2		3		4		5		6	
76	72	74	72	74	76	80	80	80	80	80	80	80	80

See yellow tag SANTA MONICA Prop. Total Time 1262.8  
 I certify that this ( ) (engine) has been inspected in accordance with a ( ) (100 hour) inspection and was determined to be in airworthy condition.  
 Signed David Kaye ADP 377415220

DATE 1986 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

June 7, 1986 Hobbs 304.7 TT 1317.7 changed oil and filter serviced with 8qt Phillips 20W50 and champion CH 48108 Filter Washed engine and cool. Ground Run ok no leaks David Kaye ADP 377415220

W.D. No 1157  
 Signed David Kaye ADP 377415220

DATE 1986 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

Sept. 8, 1986 Hobbs 354.3 TT 1367.3 Changed oil and Filter serviced with phillips dowso. cleaned All fuel nozzles, cleaned spark plugs. Removed oil cooler to be repaired and installed oil cooler, see yellow tag south west cooler service. Replaced Air Filter All work done IAW service Manual. David Kay ADP 377485220

Total Time 1367.3

Tachometer Hobbs 3543  
 this (engine) has been inspected in accordance with a (annual) ( ) determined to be in airworthy condition.  
 Dated 9-8-86 W.O. No. 1233  
 Signed [Signature]

CRUISE NO.					
1	2	3	4	5	6
78	72	78	74	78	74
80	80	80	80	80	80
COMMISSIONER'S CHECK					

DATE 1986 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

10-29-86 Hobbs 405.8 Changed oil and Filter serviced with Sgt Dowso Phillips. Removed Right Side muffler and repaired Bracket on muffler. Installed muffler ON Engine. Ground Run OK ALL work done IAW service Manual David Kay ADP 377485220

end



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	TACH & TOTAL	TOTAL	TIME	538.5, 1551.5, 4-14-87
				CHANGED OIL & OIL FILTER, SERVICED WITH PH 20W50. REPLACED CK VALVE PN 642211 IN OIL LINE FROM CRANKCASE TO TURBOCHARGER GROUND RUN & CK. LEAKS NONE NOTED.
				<i>A.C. Blankenship</i> A&P 407741374

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)																														
	TACH & TOTAL	TOTAL	TIME	574.8/1587.1 CHANGED OIL & OIL FILTER, SERVICED WITH PH. 20W50. CLEANED & ROTATED SPARK PLUGS TIGHTENED PROP. CONTROL ROD END. TOOK OIL SAMPLE.																														
				Total Time <u>1587.1</u> Tachometer <u>574.8</u> I certify that this (aircraft) (engine) has been inspected in accord- ance with a (annual) (100 hour) inspection and was determined to be in airworthy condition. Dated <u>5-21-87</u> W.O. No. <u>1369</u> Signed <i>A.C. Blankenship</i> ARNOLD C. BLANKENSHIP A&P 407741374 IA																														
				<table border="1"> <thead> <tr> <th colspan="6">CYLINDER NO.</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>76</td> <td>66</td> <td>70</td> <td>74</td> <td>66</td> <td>76</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> <tr> <td colspan="6">COMPRESSION CHECK</td> </tr> </tbody> </table>	CYLINDER NO.						1	2	3	4	5	6	76	66	70	74	66	76	80	80	80	80	80	80	COMPRESSION CHECK					
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1	2	3	4	5	6																													
76	66	70	74	66	76																													
80	80	80	80	80	80																													
COMPRESSION CHECK																																		

881.60

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-15-87	TACH	617.4	TOTAL TIME 1629.1	REMOVED ENGINE FOR MAJOR OVERHAUL. DISASSEMBLED ENGINE, CLEANED INSPECTED DIM, DYE PENN. MAG. PORTICAL. CYLINDERS WERE CHROMED. INSTALLED NEW SEATS & GUIDES. ASSEMBLED I/A/W TCM OVERHAUL MANUAL. EXCHANGED TURBOCHARGER, FUEL SYSTEM, RIGHT MAG. NEW PLUGS HARNESS, BENCH CK. START MOTOR, ALTA MOTOR NEW BRUSHES IN STARTER & ALT. A LIST OF NEW PARTS INSTALLED ARE WITH YELLOW TAGS. INSTALLED ENGINE. GROUND RUN & TEST FLIGHT PRR TCM. INSTALLED NEW SPARK PLUGS

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Maintenance Release  Make <u>TS10-360-GB1</u> Serial Number <u>309128</u> Part <u>ENGINE</u> Model <u>TCM</u> The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under WIO Number <u>1387</u> Date <u>8-15-87</u> Signed <u>[Signature]</u> FAA Approved Repair Station No. 763-205 Arch - Air Aviation, Inc. Dickson, Tennessee 37055

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-20-87	TACH		632	CHANGED OIL & OIL FILTER SERVICED WITH SHELL MINNRRAL.
5-11-88			HOBBS 697.4	CHANGED OIL & OIL FILTER, SERVICED WITH SHELL 20W50.

CYLINDER NO					
1	2	3	4	5	6
74	76	74	72	79	76
80	80	80	80	80	80

HOBBS, Total Time 1699.1  
 Tachometer 697.4 I certify that  
 this (engine) has been inspected in accord-  
 ance with a (annual) (100 hour) inspection and was  
 determined to be in airworthy condition.  
 Dated 5-11-88 W.O. No. 1652  
 Signed [Signature]  
 AEP 40774B74 IA

DATE 1987	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				5/24/88 Prestolite alternator installed P/N ALX 9425B at Hobbs 702.9.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1988	5-24-88			replaced alternator SIN 8031016 test ump OK
				Amy Dion IA453801582
	10-10-88			changed oil & filter serviced with also set oil new filter washed engine ump OK
				Amy Dion IA453801582

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1989	Hobbs 771.1	153.75		SMOH changed oil & filter with mobil AVL-20W-50W. filter #48108 A+P 1847346 Lee Waldrop
1-13-89	Hobbs 776.15	158.75		SMOH (USED 4 QTS SINCE LAST OIL CHANGE) Change oil with AeroShell 40W, washed engine & checked for oil leaks. None found. A+P 1847346 Lee Waldrop
5-6-89	Hobbs 795.5			Removed, cleaned, Regapped, Tested ALL SPARK PLUGS. A+P 1847346 Lee Waldrop

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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5-26-89 Hobbs 799.9 182.5 smott

Uncoiled Engine & Inspected all Exhaust & intake Systems  
 Checked Fuel Screens & injectors. Cleaned, gapped, tested all Spark  
 Plugs. Changed oil with AeroShell 40W 80ts & #48108 oil filter  
 Took oil Sample. Compression Check #1-79/80, #2-77/80, #3-78/80  
 #4-77/80, #5-77/80, #6-73/80



I certify that this ~~aircraft~~ <sup>ENGINE</sup> has been inspected in accordance with a 100hr. inspection and was determined to be in airworthy condition.

A & P No. 1847346 Lee Waldrop  
 LEE WALDROP

ENG. Total Hours 182.5 Tach Reading 799.9

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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TACH READING 799.9  
 ENGINE # 500H 182.5

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. C.D. Hyline FA 1323161

MAY 27 1989

6/3/89 801.0

Changed oil with AeroShell 100 50W 80TS.

A+P 1847346 Lee Waldrop

7-8-89 Tach 832.52

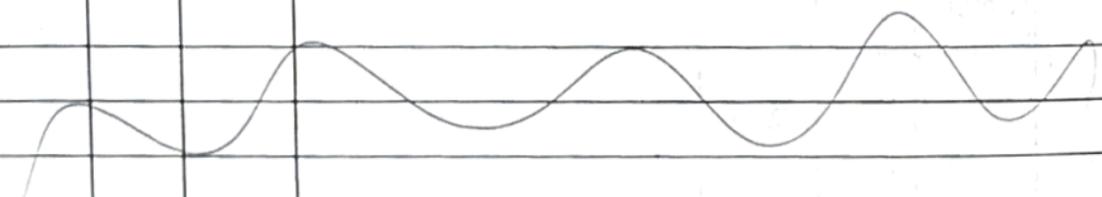
Removed NH Exhaust system & welded a 2" crack in #6 exhaust pipe. & Reinstalled System with New Bands.

A+P 1847346 Lee Waldrop



ONS  
MBER OF  
ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
19 <u>92</u>				ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7-3	927.4			Checked Engine complete, INTAKE HOSES, FUEL INJECTION SYSTEM Change air intake filter, Replaced all spark baskets R/H SIDE of Engine Changed oil & filter with 8qt's mobile 1 #H48/08 FILTER, checked Compression #1-76/80, #2-77/80, #3-73/80, #4-72/80, #5-43/80 #6-70/80  I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION. <u>APP 1847346</u> <u>Lee Waldrop 7/3/92</u>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
JUL 03 1992				
	TACH READING 927.4			
	TIME SINCE LAST 100 HR 5.98			
	TIME SINCE MAJOR 315.98			
	ALL ADS CHECKED THROUGH 92-12-10L			
	I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN			
	INSPECTED IN ACCORDANCE WITH A <u>100 HR</u>			
	INSPECTION AND WAS DETERMINED TO BE IN AIR-			
	WORTHY CONDITION. <u>C. D. Hobbs IA 132-3161</u>			
				

DATE	RECORDING	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
Date: 07/24/92		Hobbs Time: 929.3	Total Time SMOH: 317.9
			1) Removed oil cooler due to damaged cooling tubes. Installed overhauled oil cooler supplied by Southwest Cooler Service using new gasket, p/n 632372. Overhauled oil cooler p/n 632886, s/n 565.
			2) Removed all fuel injectors due to severe leakage. Cleaned and installed new o-ring seals, p/n 630979-9. Installed injectors and torqued per Continental service manual. Cleaned injector pressurization shrouds and installed with new rubber washer seals, p/n 640612.
			3) Replaced left and right fuel line support brackets with serviceable units. Left bracket p/n 641107. Right bracket p/n 641109. Installed 6 serviceable line clamps, p/n 626577-2.
			4) Installed serviceable oil cooler bracket shoe and carriage bolt in #2 cylinder rocker cover box. Rocker cover box installed with new gasket, p/n 632310.
			5) Replaced left cylinder drain tube assembly with serviceable unit, p/n 642580. Cleaned drain check valve and reinstalled
			(Continued on next page)

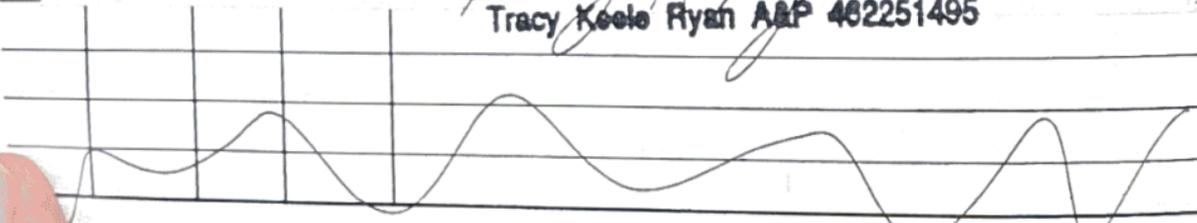
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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(Continued from previous page)

- 6) Removed all spark plugs. Cleaned and re-gapped. Installed using all new copper gaskets. Torqued to 35 lb/ft.
- 7) Installed all new red silicon engine baffle seal.
- 8) Replaced severely worn fuel controller rod end, p/n HF-3M.
- 9) Repaired broken p-lead shield at both mag connectors.

Engine ground and flight checked good. No oil leaks detected.

*Tracy Keele Ryan*  
**Tracy Keele Ryan A&P 462251495**



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/29/93	1045.25			CHANGED OIL & FILTER Mobil IOIL. 1. $\frac{74}{80}$ 2. $\frac{74}{80}$ 3. $\frac{72}{80}$ 4. $\frac{73}{80}$ 5. $\frac{76}{80}$ 6. $\frac{72}{80}$ - REMOVE HEATER MUFFLER FOR REPAIR BY AIRCRAFT WELDING, REINSTALL. CLEAN FUEL INJECTOR NOZZLES. WASH ENGINE RUN. CHECK FOR LEAKS. NONE NOTED. ADS. THROUGH 93-08517
				I certify that the aircraft/engine identified above has been inspected in accordance with current F.A.A. Regulations for 100 hr. annual inspection, and is approved for return to service. S.O.H.
				Hourmeter <u>1095.23</u> Total Time <u>433.83</u>
				Partinent details of the job are given in this Report Station under Work Order # <u>2345</u>
				<i>Jerry M. Tan</i> 7/29/93 (Signature of Authorized Representative) (Date) Reedbird Airmotive, Inc., Reedbird Airport - Lock Box 43 Dallas, Texas 75237 Certified Repair Station No. UN112826X

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1955				
2/16	1152.0		540.6	Drained oil and replaced w/ 8qt Acosshell. Sout oil; installed new CH48108 filter. serviced fuel injector nozzles + leak checked. serviced plugs; clw AD 78-09-07 injector inspection replaced left cam w/ new 8/10-102052, <del>etc</del> part inspection due at tach. 1652.0; clw AD 94-01-03 R1 by insp. of engine no further action required. AD 24-26-02 ind. filter replace by tach. 1457.4, checked engine + run up OK no new AD's to date
I certify that this engine has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition DANIEL MARTINEZ A&P 467351911A				Congencom #1 74/70 #4 78/80 - end - #2 78/70 #5 77/80 #3 78/70 #6 77/80

DATE	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS	ENGINE NUMBER OF ENTRIES
1956				
N 231A2	7/29/96	Tach 1303.8 Total time 2316.8 T.S.T.O.H 0 TSMOH 692.4	Drained oil and replaced w/ 8qt Acosshell. Sout mineral oil; installed new CH48108 filter. Removed and installed all new AD 653450 A9 w/ kits; serviced fuel injectors and fuel screens checked mag. + leads installed all new spark plugs Bendix AD 78-09-07 R3 due at 1652.0, IAFAD due 84-26-02 at 1477.0; no new AD's to date worked mag. + run up. no leaks noted at this time.	
I certify that this engine has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition DANIEL MARTINEZ A&P 467351911A				

DATE  
19\_\_

TOTAL  
TIME IN  
SERVICE



# Howell's Aircraft Service

3122 Great Southwest Parkway  
Grand Prairie Texas 75052

972-988-8609 Email Maint@howellsaircraft.com



N231AZ

Date 8/02/98 Tach 1555.0 Total Time 2568.0 Total time SMOH 943.6 Complied with a 100 hour inspection in accordance with Howell's Aircraft inspection form. Compression check #1 72/80 #2 74/80 #3 72/80 #4 76/80 #5 76/80 #6 74/80 Drained oil and filled with 8 quarts Aeroshell 50W100 installed CH48108 oil filter. Cleaned and replaced spark plugs. C/W AD84-26-02 by replacement of induction air filter PN.AM108365FP Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Mark Howell A&P244255955IA

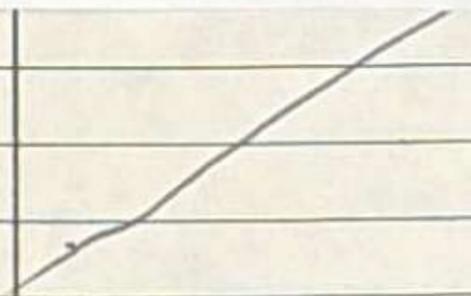
DATE  
19\_\_

REMOVED PRESTOLITE ALTERNATOR P/n ALX-9425B  
S/N 5110299 REPAIRED BY FORD AIRCRAFT SALES  
W.O.# 9522 INSTALLED NEW VOLTAGE REGULATOR  
MCONEY PART NO.800270-99505 RESTALLED  
ALTERNATOR RUNUP OPS AND LEAK CHECKED GOOD  
SEE YELLOW TAG. AIRCRAFT RETURNED TO SERVICE

-----END-----

*Russell Jones*  
A+P 450419223

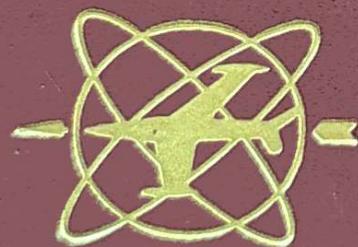
HOBBS 1259.5  
12-12-1995





ASA 995  
SE 2

1999



*The Standard*

# ENGINE LOG

ASA-SE-2

The Standard Engine Log  
SE-2

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ASA-SE-2

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Printed in Canada



P N R A S A - S E - 2



9 781560 270515

## Engine Record General Information

Manufacturer Continental Model TSIO-360-GB1

Serial 309128 Type Certificate E9CE

This engine is currently installed in aircraft: M20K ; S/N 25-0120 ; N231A2

Minimum Octane Fuel \_\_\_\_\_ Oil Grade Summer \_\_\_\_\_ Winter \_\_\_\_\_

Magneto Time \_\_\_\_\_ Point Setting \_\_\_\_\_ Firing Order \_\_\_\_\_

Spark Plug Gap \_\_\_\_\_

Manufacturer's Recommended Overhaul at \_\_\_\_\_ hours

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
------	---------------------	---------------	---------------	--

19 99



### Howell's Aircraft Service

3122 Great Southwest Parkway  
Grand Prairie Texas 75052

972-988-8609 Email Maint@howellsaircraft.com



N231AZ

Date 9/03/99 Tach 1654.5 Total Time 2667.5 Total time SMOH 1043.1 Complied with a 100 hour inspection in accordance with Howell's Aircraft inspection form. Compression check #1 73/80 #2 74/80 #3 72/80 #4 74/80 #5 72/80 #6 74/80. Drained oil and filled with 8 quarts Aeroshell 50W100 installed CH48108 oil filter. AD97-26-17 Crankshaft fatigue cracks inspection due at O/H or when crankshaft is removed. Cleaned and replaced spark plugs. Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

Mark Howell A&P244255955IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
------	---------------------	---------------	-----------------------	--

19 99

12-13

1703.8

Drained oil, serviced engine with 10qts Aeroshell 80 40w. Replaced oil filter part #CH48108. washed eng. performed engine run-up. no leaks detected. — END —

*John B. Bell*  
A&P467085248



Howell's Aircraft Service  
3122 Great Southwest Parkway  
Grand Prairie Texas 75052  
972-988-8609 Email Maint@howellsaircraft.com



N231AZ

Date 6/22/2000 Hobbs Time 1737.5 Drained oil and filled with 10 quarts of Aeroshell 100w50 and installed CH48108 oil filter. Washed engine and ran to check for leaks, none noted.

*John Bell*  
John Bell A&P467085248

DATE	RECORDING TACH TIME	TODAYS 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.)
19				



Howell's Aircraft Service  
3122 Great Southwest Parkway  
Grand Prairie Texas 75052  
972-988-8609 Email [Hasparts@juno.com](mailto:Hasparts@juno.com)



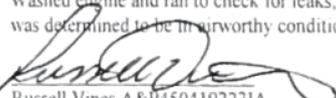
Registration: N231AZ Date 10/2/2000 ~~Tach~~ <sup>hobbs</sup> 1761.1 Total Time 2774.1 Total time SMOH 1149.7

Complied with an annual inspection in accordance with Howell's Aircraft inspection form

- Compression check #1 75/80 #2 78/80 #3 76/80 #4 78/80 #5 74/80 #6 72/80
- Drained oil and filled with 10 quarts of Aeroshell 100w-50 and installed CH48108 oil filter.
- Cleaned and gapped spark plugs
- Checked magneto timing.
- Complied with AD96-12-07, by inspection of impulse coupling

Next due at total time 3274.1

Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition

  
Russell Vines A&P4504192231A

DATE	RECORDING TACH TIME	TODAYS 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.)
19				



Howell's Aircraft Service  
3122 Great Southwest Parkway  
Grand Prairie Texas 75052  
972-988-8609 Email [Hasparts@juno.com](mailto:Hasparts@juno.com)



Registration: N231AZ Date: 02/22/2002 Tach: 1843.7 Total time SMOH: 1232.3

Complied with an 100hr inspection in accordance with Howell's Aircraft inspection form.

- Compression check #1 77/80 #2 76/80 #3 74/80 #4 76/80 #5 75/80 #6 75/80.
- Complied with visual inspection of exhaust system
- Inspected and cleaned fuel screens.
- Cleaned and gapped spark plugs.
- Checked magneto timing.
- Inspected exhaust system.

Washed engine and ran to check for leaks, none noted. I certify that this engine has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition.

  
Russell Vines A&P4504192231A





DATE 19__	RECORDING TACH TIME Hobbs	TODAYS 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.)
06-03-15 TSMOH	1980.4 1363.0	—	2992.1	<p>C/W ANNUAL INSPECTION of eng. Checked compression, #1. 75/60 #2. 65/60 #3. 74/60 #4. 73/60 #5. 72/60 #6. 75/60. Checked mag. Timing to eng. Cleared and gapped all spark plugs. Installed missing crankshaft seal hold down plates P/N 641361. Replaced turbo gasket P/N 643932. Row up eng. per. Mooney S+M MAINT. manual for M20K. Inspected over all condition of eng. and accessories. Eng. found to be in airworthy condition for return to service.</p> <p>DATE <u>Time 03-2015</u> T. IN SERVICE <u>2992.1</u> AD'S CHECKED THRU <u>15-10</u> I CERTIFY THAT THIS <u>ENG.</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED <u>David Behren</u> NUMBER <u>A&amp;P 2804926 J &amp; R</u></p>

DATE 19__	RECORDING TACH TIME Hobbs	TODAYS 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.)
11/19/15 TSMOH	1988.9 1371.5	✓	3000.6	<p>Drained oil, removed &amp; cut filter. Some debris found in filter. Sent out AOA kit &amp; will trend oil samples to detect wear. Installed new tempstat AA 48108-2 filter &amp; filled engine w/ 8qts phillips X/C 20w50. Removed injector lines, injectors &amp; air ref. lines. Replaced all orings &amp; gaskets to noted items removed. Cleaned injectors &amp; pressure checked all lines to injector system. Post ran engine &amp; found no leaks, ops ✓ normal on ground. <u>Silber 3101571 AP/PA</u>.</p>
11/19/15 TSMOH	1988.9 1371.5	✓	3000.6	<p>Replaced Alternator p/n off ALX-9525BZ S/N off A052935 w/ over hauled unit p/n on ALX-9525BZ, S/N on H- P091780. ops &amp; leak ✓ good on ground. <u>Silber 3101571 AP/PA</u>.</p>

2039.4/1422.0

DATE 19____	RECORDING TACH TIME	TODAYS 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.)
2/9/16	1999.7 TSMOH 1382.3	✓	✓ 3041.4	Drained oil, took oil sample, cut filter. * Filled engine w/ 8qts X/C 20W50 & installed new filter p/N: AA48108-2. ops/leak ✓ good on post run. Bill 3101571AP/IA.



ENGINE ENTRY N231AZ  
HOBBS:2039.4 7/1/2016  
TSMOH:1422.0

INSPECTED THIS ENGINE IAW A 100HR/ANNUAL INSPECTION PER FAR 43 APPENDIX D AND CONTINENTAL SERVICE MANUAL. CHECKED AD'S THROUGH 7/2016. CYLINDER COMPRESSIONS WERE AS FOLLOWS: 1-74, 2-73, 3-74, 4-72, 5-75, 6-74. DRAINED OIL, REMOVED OIL FILTER, CLEANED ENGINE SCREENS. INSTALLED NEW AA48108-2 FILTER, ADDED 8QTS PHILLIPS X/C 20W50 OIL. CUT OLD FILTER AND FOUND LIGHT DEBRIS. SENT AN AQA SAMPLE KIT OUT AND LAST 3 FILTERS FOR EXAMINATION. RESOLDERED MAG POINTS, RETORQUED ALL ROCKER COVERS, STOP DRILLED SMALL CRACK IN LT HEAT MUFF, RE SEALED AFT BAFFLE USING HIGH TEMP RED RTV, RETIMED MAGS TO ENGINE, REPLACED ENGINE INLET FILTER W/NEW AM108365FP PER CONTINENTAL SERVICE MANUAL. POST RAN ENGINE W/ NO DISCREPANCIES TO NOTE. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. Bill 3101571AP/IA.

DATE 19____	RECORDING TACH TIME	TODAYS 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.)
4/7/17	2077.3	✓	✓	<p>REMOVED A/K generator p/N: ALX-9525BR S/N: H-P091780 \$ Installed an overhauled unit p/N: ALX-9525BR S/N: H-R011664-73 \$ ops/led. <u>Bill</u> 3101571AP/IA</p> <p>              PROP ENTRY N231AZ            HOBBS:2039.4 7/1/2016            INSPECTED THIS PROPELLER IAW A 100 HR/ANNUAL INSPECTION PER FAR 43 APPENDIX D AND MC CAULEY SM. CHECKED FOR AD'S THROUGH 7/2016. FILED SMALL NICKS FROM PROP BLADES AND REPAINTED FACE OF PROPELLER. LUBED PER MC CAULEY SM. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. <u>Bill</u> 3101571AP/IA.         </p>

DATE	RECORDING TACH TIME	TODAYS 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.)
19 ____				

TSMOHT  
1479.4



401 DOUGLAS DRIVE PH:817-909-8945  
ROANOKE, TX. 76262 PH:817-909-6496

HOURS OF OPERATION: M-SAT/8AM-5PM

ENGINE ENTRY: N231AZ DATE: 08/08/2017

HOBBS TIME: 2096.8 S/N: 309128

COMPLIED WITH A 100HR/ANNUAL INSPECTION IAW 14 CFR PART 43 APPENDIX D AND CONTINENTAL S.M. CHECKED FOR AD'S THROUGH 08/2017. CYLINDER COMPRESSIONS WERE AS FOLLOWS: 1-72, 2-69, 3-71, 4-72, 5-68, 6-74. REPLACED ENGINE OIL FILLER NECK P/N: 642625 W/NEW, CLEANED CAP AND RE-PRIMED. REPLACED CAP GASKET P/N: 642892. RESEALED CRANKCASE VENT TUBE, CLEANED ALL 6 INJECTORS AND HOUSINGS, BLEW OUT OIL PRESSURE LINES TO TRANSDUCER, REPLACED OIL LEVEL DIPSTICK W/NEW P/N: 632062, DRAINED OIL, REMOVED AND CUT FILTER, NO CONTAMINANTS FOUND. TOOK AN AOA OIL SAMPLE. CLEANED OIL SCREEN. INSTALLED A NEW AA48108-2 FILTER AND SERVICED ENGINE WITH 8QTS OF PHILLIPS X/C 20W50. CLEANED ENGINE, LUBED CONTROLS AND POST RAN WITH NO OTHER DISCREPANCIES TO NOTE. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

DATE	RECORDING TACH TIME	TODAYS 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.)
19 ____				



401 DOUGLAS DRIVE PH:817-909-8945  
ROANOKE, TX. 76262 PH:817-909-6496

HOURS OF OPERATION: M-SAT/8AM-5PM

PROPELLER ENTRY: N231AZ DATE: 08/08/2017

HOBBS TIME: 2096.8

INSPECTED THIS PROPELLER IAW A 100HR/ANNUAL INSPECTION IAW 14CFR PART 43 APPENDIX D. REMOVED SPINNER AND INSPECTED PROP FOR DAMAGE, SECURITY AND LEAKS. FILED MINOR ROCK NICKS FROM PROP BLADES. REINSTALLED SPINNER. NO AD'S FOUND AS OF 08/2017. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.

*Bill Miller* 3101571AP/IA.







110 BOEING WAY PH:817-909-8945  
ROANOKE, TX. 76262 PH:817-909-6496

HOURS OF OPERATION: M-SAT/8AM-5PM

RY: N231AZ  
E: 2233.1

DATE: 03/10/2021

S/N: 25-0120

COMPLIED WITH A 100HR/ANNUAL INSPECTION IAW 14 CFR PART 43  
X D AND THE CONTINENTAL SERVICE MANUAL. CHECKED FOR  
ROUGH 03/2021. DRAINED OIL, REMOVED AND CUT FILTER, NO  
FOUND, CLEANED OIL SCREEN, INSTALLED A NEW AA48108-2  
AND SERVICED ENGINE WITH 8QTS OF PHILLIPS X/C 20W50.  
OIL SAMPLE AND HAD SIMILAR RESULTS FROM LAST 2 ON  
CYLINDER COMPRESSIONS WERE AS FOLLOWS: 1-60, 2-62, 3-  
62, 5-60, 6-60. MOST AIR LOSS WAS BLOW BY AND SOOT ON  
VES. REPLACED ROCKER COVER GASKETS, REPLACED PUSHROD TUBE  
LS, REPLACED DRAIN LINE ASSEMBLY TO #2, 4&6 CYLINDERS,  
CLEANED CORROSION ON OIL CAP AND INSTALLED NEW CAP SEAL,  
CHECKED MAG TIMING, CLEANED AND GAPPED PLUGS, ULTRASONIC  
CLEANED INJECTORS AND REPLACED ALL INJECTOR SEALS AND O-  
RINGS. INSTALLED NEW INTAKE AND EXHAUST GASKETS AFTER ENGINE  
MOUNT REPAIR WAS COMPLETED. CLEANED ENGINE AND LUBED  
CONTROLS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW AN  
ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY  
CONDITION. *[Signature]* 3101571A&P/IA.

**Inspections, Tests, Repairs and Alterations**

End with Name, Rating and Certificate Number of  
Facility:

110 BOEING WAY PH:817-909-8945  
ROANOKE, TX. 76262 PH:817-909-6496



HOURS OF OPERATION: M-SAT/8AM-5PM

DATE: 03/10/2021

S/N: 25-0120

PROPELLER ENTRY: N231AZ

HOBBS TIME: 2233.1

COMPLIED WITH A 100HR/ANNUAL INSPECTION IAW 14 CFR PART 43  
APPENDIX D. CHECKED FOR AD'S THROUGH 03/2021. REMOVED  
SPINNER AND INSPECTED PROP FOR DAMAGE, SECURITY AND LEAKS.  
REINSTALLED SPINNER. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED  
IAW AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN  
AIRWORTHY CONDITION. *[Signature]* 3101571A&P/IA.

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

ENGINE DATE: 8-1-2022

**AEROCARE**

N231AZ TACH: 2241.4

ENGT: 3253.1 TSMOH: 1624.0

- COMPLIED WITH AN ANNUAL/100HR INSPECTION PER FAR 43(D).
- TOOK OIL SAMPLE (AOA) OIL CHANGE NEXT DUE @ TACH 2283.3
- CLEANED ENG AND COWLINGS
- CLEANED SPARK PLUGS AND ROTATED
- COMP CHECKS 65-65-58-68-62-65
- REPLACED WORN FUEL LINE GROMMETS
- REPLACED CRANKSHAFT SEAL (530917 AND SPRING 654070)
- REPLACED LH TRUSS MT RUBBER COWL CHAFE BUMPER (J7444-14)
- AD 2022-04-04 OIL FILTER ADAPTER FOUND TO BE N/A
- AD 84-26-02 IND FILTER NEXT INSP DUE @ ANNUAL/TACH 2314.4 REPLACE @ TACH 2714.4
- AD 05-12-06 INSPECTED IMPULSE COUPLING NEXT DUE @ OH/TACH 2714.4

CERTIFY THIS ENGINE HAS BEEN INSPECTED AS PER AN ANNUAL/100HR INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION\*

SIGN: *[Signature]* IA 456535670

