

ENGINE LOG



ENGINE LOG

GAI Aircraft Services

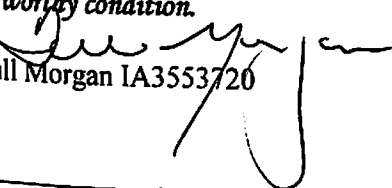
7940 Airpark Rd, Hanger M Gaithersburg, MD 20879 240-477-6617

Log Entry: N3080W Engine Lycoming O-540 E4B5 S/N L-9917-40

Date: 05/13/2017 Tach: 149.9 SMOH: 989.2 STOH: 66.3

Serviced the engine with 12 quarts of Phillips 20W50XL and CH48110-1 filter. Performed compression check: #1-78/80, #2- 78/80, #3- 76/80, #4- 72/80, #5-76/80 & #6- 78/80. Cleaned gapped and rotated six spark plugs and installed six new RHM38Es. Installed a PHT PA32-260 engine hose kit. Checked AD listing through 2017-11. CW AD 95-26-13 by replacement of the oil cooler hoses, inspection due again in 100 hours TIS. AD 99-04-04 due upon 250 hours TIS (6170 TT) (1070.4 SMOH). AD 2012-19-01 is NA the crankshaft was installed before Jan 1, 1997, AD 2012 is NA the carburetor is a die cast model. Test ran the engine all ops were normal no leaks detected.

I certify that this ENGINE has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.


Tull Morgan IA3553720

Total To Carry Forward				
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and Remarks	Signature	Certificate No.
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GAI Aircraft Services

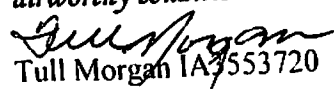
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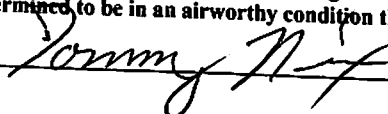
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
July 15 ²⁰⁰⁴	Brought Forward →			oil change w/ Aero Shell 100 9 qts Hobbs time 637.3 Tach time 27.4
				Total time 5966.5 TSMOH 866.7

**Nix Flying Service
16 Wood Drive**

Belmont, Ms. 38827

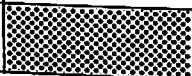
November 1, 2004. Tach Time: 57.4. TSMOH:896.7. Completed an annual inspection this date. Checked all AD's through this date. Check compression, all above 80. Changed oil(10 qts Aeroshell W100) and filter(p/n#48110). AD04-10-14, complied with 10-24-01, no more AD. See AD Summary I certify that this engine has been inspected in accordance with an annual inspection per current FAR's, and determined to be in an airworthy condition this date. — END—

Tommy H Nix




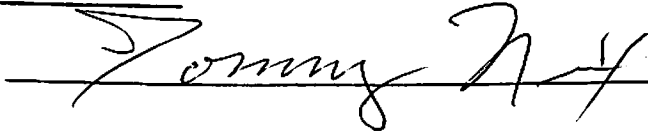
A&P4166884491A

Total To Carry Forward



ENGINE LOG

Engine Time	Recorder	Maintenance
	Nix Flying Service 20 Airport Road Belmont, Ms. 38827	
<p>September 20, 2002. Tach Time: 248.5 Hobbs Time: 590.7. Total Time: 5920.7. TSMOH: 820.9 Completed an annual inspection this date. Compressions all 70 or above. Changed oil and filter, serviced with 10 qts of Aeroshell W100. Clean, gapped, and testes plugs. Washed engine, checked time. Checked all AD's through this date. I certify that this engine has been inspected in accordance with an annual inspection per current FAR's, and determined to be in an airworthy condition this date.</p>		
<p align="center">END</p>		
Tommy H. Nix		A&P4166884491A
Total To Carry Forward		

and Remarks	Signature	Certificate No.
	Nix Flying Service 20 Airport Road Belmont, Ms. 38827	
<p>October 1, 2003. Hobbs Time: 609.1 Tach: 0 Total Time: 5939.1 TSMOH: 839.3 Completed an annual inspection this date. Compressions #1-73; #2-72; #3-71; #4-76; #5-70; #6-69. Changed oil and filter, serviced with 10 qts of Aeroshell W100. Clean, gapped, and testes plugs. Washed engine, checked time. ELT due at Jan. 04. Removed starter and replaced with new starter PN#MZ-6222; SN#D081107. Installed new tach with 0 hours PN#2801-0035; SN#33701(old tach at 248.5). Checked all AD's through this date. I certify that this engine has been inspected in accordance with an annual inspection per current FAR's, and determined to be in an airworthy condition this date.</p>		
<p align="center">END</p>		
Tommy H. Nix		A&P4166884491A

ENGINE LOG

Nix Flying Service
20 airport road
Belmont, MS 38827

January 14, 2002 Hobbs: 560.7 Tach time: 248. 1 Remove and replace both Bendix magnetos with Slick Magnetos right model number 6355 and serial number 02010254 left model number 6350 and serial number 02010235. Install new plug wire harness and new plugs check plug gap and set time. Install New air filter part # 638873. Air filter due again at the hobbs time: of 1060.7 (500 hours)

TEST RUN AND RETURNED TO SERVICE THIS DATE. _____
Tommy H. Nix *Tommy Nix* A&P416688449IA

FAA-PMA Approved

This magneto was manufactured from all new components in accordance with FAR 21.303h under authority of MMF3226 and is airworthy. This magneto is FAA-PMA Approved for applications listed in Unison Industries' Forms L-1058 and F-1100. For LASAR[®] Magnetos, see L-1500.

Enter magneto model, serial number and date of installation and attach this tag to engine logbook.

Magneto Model No. 6350

Magneto Serial No. 02010235

Date of Installation 1-14-02

L-1231-B

Carry Forward

and Remarks	Signature	Certificate No.
SEPT. 06-02 HOBBS TIME 589.0 TACK TIME 24805 Changed oil and filter, PN#48110. Serviced with 10 quarts of Aeroshell W100. Run up, leak check. O.K. ----- END -----	Tommy H. Nix _____	A&P 416688449IA

ENGINE LOG

Nix Flying Service
20 Airport Road
Belmont, Ms. 38827

April 10, 2001. Tach Time: 256.8. Hobbs Time: 516.7. Total Time: 5846.7. TSMOH: 746.9
Completed an annual inspection this date. Compressions all 79 or above. Changed oil and filter, serviced with 10 qts of Aeroshell W100. Clean, gapped, and testes plugs. Washed engine, checked time. Checked all AD's through 99-05-09. Complied with AD99-04-04, impulse coupling. I certify that this engine has been inspected in accordance with an annual inspection per current FAR's, and determined to be in an airworthy condition this date. ----- END -----

Tommy H. Nix

Tommy Nix

A&P416688449IA

Total To
Carry Forward



and Remarks

Signature

Certificate No.

Nix Flying Service
20 Airport Road
Belmont, Ms. 38827

SB554 NA

October 24, 2001 Hobbs time: 552.8 Total Time: 5882.8 removed rear accessory cover. Repair threads in crankshaft, install new dowel pin in crankshaft. Install new bolt part number STD 2209 on crankshaft drive gear. Install new retaining bolt and lock in crankshaft. Reassemble, test run and check for leaks.(no leaks found) Return aircraft to service this date.

Tommy H. Nix

Tommy Nix

A&P 416688449IA

October 24, 2001: Hobbs Time: 552.8 Tach Time: 5882.8. Changed oil and filter, PN#48110. Serviced with 10 quarts of Aeroshell W100. Run up, leak check. O.K. ----- END -----

292.9 tach

Tommy H. Nix

Tommy Nix

A&P 416688449IA

ENGINE LOG

Nix Flying Service
20 Airport Rd.
Belmont, Ms. 38827

November 8, 1999. Tach Time: 80.1. Changed oil and filter P/N#48110. Serviced engine with 10 quarts of Aeroshell W100. Run up, leak check. O.K. -----END-----

Tommy H. Nix Tommy H. Nix A&P 416688449IA

Nix Flying Service
20 Airport Road
Belmont, Ms. 38827

April 20, 2000. Tach Time: 159.8. Hobbs Time: 417.7. Total Time: 5747.7. TSMOH: 647.9
Completed a 100 hour inspection this date. Compressions all 79 or above. Changed oil and filter, serviced with 10 qts of Aeroshell W100. Clean, gapped, and testes plugs. Washed engine, checked time. Checked all AD's through 99-05-09. Impulse coupling AD99-04-04 not due at this time. **I certify that this engine has been inspected in accordance with an annual inspection per current FAR's, and determined to be in an airworthy condition this date.** -----END-----

Tommy H. Nix Tommy Nix A&P416688449IA

and Remarks	Signature	Certificate No.
<p>August 18, 2000. Tach Time: 465.2 Replaced starter with Magnafite, MZ6222, starter. Return to service. Weight and balance updated at this time. -----END-----</p>	<p>Nix Flying Service 20 Airport Road Belmont, Ms. 38827</p> <p><u>Tommy Nix</u></p>	<p>A&P 416688449IA</p>
<p>September 1, 2000. Hobbs Time: 468.8. Tach Time: 214.6. Changed oil and filter, PN#48110. Serviced with 10 quarts of Aeroshell W100. Run up, leak check. O.K. -----END-----</p>	<p>Nix Flying Service 20 Airport Road Belmont, Ms. 38827</p> <p><u>Tommy Nix</u></p>	<p>A&P 416688449IA</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

Nix Flying Service
20 Airport Rd.
Belmont, Ms. 38827

January 18, 1999. Tach Time: 410.7. Changed oil and filter P/N#48110. Serviced engine with 10 quarts of Aeroshell 15/50. Run up, leak check. O.K. -----END-----

Tommy H. Nix Tommy H. Nix A&P 416688449

Nix Flying Service
20 Airport Rd.
Belmont, Ms. 38827

June 2, 1999. Hobbs Time: 253.8 (tach not working). Tach 413.0. Changed oil and filter P/N#48110. Serviced engine with 10 quarts of Aeroshell W100. Run up, leak check. O.K. -----END-----

Tommy H. Nix Tommy Nix A&P 4166884491A

**Nix Flying Service
20 Airport Rd.
Belmont, Ms. 38827**

June 28, 1999. Tach Time: 431.4. Total Time: 5587.9. TSMO: 488.1. Completed a 100 Hour Inspection this date. Compressions all 70 or above. Replaced sparks plugs, PN# REM38E. Changed oil and filter, PN#48110. Serviced engine with 10 qts. of Aeroshell W100. Run-up leak check. O.K. Replaced air filter. Complied with all AD's thru 99-05-09. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION PER CURRENT FAR'S, AND DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE. -----END-----

Tommy H. Nix Tommy H. Nix A&P 4166884491A

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
<p>Nix Flying Service, 20 Airport Road, Belmont, MS 38827 JULY 10, 1998. TACH TIME: 281.1 Changed oil and ^{filter, PN#48110} cleaned screen. Serviced engine with 10 qts. of Aeroshell W100. Run-up leak check, OK.</p>				
Tommy H. Nix	<i>Tommy Nix</i>		A & P 416688449.	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p align="center">Nix Flying Service 20 Airport Rd. Belmont, Ms. 38827</p> <p>October 22, 1998. Tach Time: 354.5. Total Time: 2549.20. TSMO: 411.2. Completed a 100 Hour Inspection this date. Compressions all 70 or above. Cleaned, gapped, and tested plugs. Changed oil and filter, PN#48110. Serviced engine with 10 qts. of Aeroshell W100. Run-up leak check. O.K. Changed air filter. Complied with all AD's thru 98-17-11. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION PER CURRENT FAR'S, AND DETERMENED TO BE IN AN AIRWORTHY CONDITION THIS DATE.-----END-----</p>	<p><i>Tommy H. Nix</i></p>	<p>A&P 416688449</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-19-92	Brought Forward →	Tain 233.2	SMOIT 296.2	
		100hr Insp	1/4W Manual Change	
		Oil 12 qts 50W Aeroshell	Change filter	
		CH48110 3'6" 2 1/2"	Duct to Heater Clean +	
		Gap Plug Ch A.D.	Normal Routine Prev.	
		→ 7/19 + Performed Comp	1 7/80 3 7/80 5 7/80	
		smoit	2 7/80 4 7/80 6 7/80	
DATE 8-19-92	T.T. IN SERVICE 296.2	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
SIGNED: [Signature]	NUMBER: 417465300	DATE 8-19-92	T.T. IN SERVICE 296.2	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
SIGNED: [Signature]	NUMBER: [Signature]			
Total To Carry Forward				

NIX FLYING SERVICE
20 AIRPORT ROAD
BELMONT, MS. 38827

June 3, 1998. TACH TIME: 248.3 TOTAL TIME: 2443.0 TSMO: 305.0 Completed a 100 Hour Inspection this date. Compressions all 70 or above. Cleaned, gapped, and tested plugs. Changed oil and filter. Changed air filter. Complied with all AD's thru 97-15-11. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION PER CURRENT FAR'S, AND DETERMINED TO BE IN AN AIRWORTHY CONDIDTION THIS DATE.-----END-----

Tommy H. Nix [Signature] A&P 416688449.

June 3, 1998. TACH TIME: 248.3. TOTAL TIME: 5704.8. TSMO: 305.0 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION PER CURRENT FAR'S, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE.-----END-----

Randy H. Avery [Signature] A&P 421860225 IA.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
6-15-91	TACH 155.2, TAT 5618, TSMOH 155.2			
	1. ⁶⁵ / ₈₀₂ , ⁷³ / ₈₀₃ , ⁶⁵ / ₈₀₄ , ⁷⁰ / ₈₀₅ , ⁶⁵ / ₈₀₆ , ⁷⁸ / ₈₀			
CHANGED OIL & FILTER, CUT FILTER, OIL, NO METAL				
NOTES. REPLACED 10 SPARK PLUGS, RUN OK, OK,				
I CERTIFY THAT THIS ENG WAS INSPECTED IN ACCORDANCE				
WITH AN ANNUAL MSP & WAS DETERMINED TO BE IN ALL				
AN AIRWORTHY CONDITION. THE OWNER HAS BEEN PROVIDED				
WITH A LIST OF DISCREPANCIES.				
Total To Carry Forward				

J. Lull
1A213485J

and Remarks	Signature	Certificate No.
7-19-91 TACH 163.5 TAT 5626.3 TSMOH 163.5		
REMOVED HT. MAG FOR O/H MAG P/N 10-51365-57, S/N 903774,		
WAS REINSTALLED WITH A NEW IMPULSE COUPLING TO C/W		
AD 78-09-07 IC3, IMPULSE COUPLING MSP, DUE IN 500 HRS.		
YELLOW TAG IN REAR OF BOOK. INSTALLED NEW BRACE SEALS AS		
REQUIRED. THIS COMPLETES LIST OF DISCREPANCIES ^{ENGINE} GIVEN TO		
OWNER THIS ENGINE IS NOW AIRWORTHY I/A/W AN ANNUAL		
MSP.		
	<i>J. Lull</i>	
	1A213485J	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10-18-89				Engine WASHED DOWN, CLEANED & GRAPED SPARK PLUGS, CHANGED OIL & FILTER. REMOVED # 2 CYLINDER TO REPAIR STUCK VALVE REPLACED EXHAUST VALVE & GUIDE TACK 112 SMOK 175
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
Total To Carry Forward				Royal Lawton FA 2235400

and Remarks	Signature	Certificate No.
10-10-90	153 hrs tack	
Engine work as listed below		
New Ex Studs 1-3-2-4 Cyls		
installed. New muffler & Heat Shield		
Installed New Ex Cluster #1-3-5 cyl		
Installed Ex System to Engine Cyls using All New -		
Gaskets, Nuts, washers, Shakeproofs,		
Delcoid Clean & gap Bottom spark Plugs		
	Gordon T. Cackhuff	
	NIP 288204553	W/O # 5485

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	128	65	ACFT TT5528
01-15-85	ENGINE WASHED DOWN, ALL SYSTEMS CHECKED AND SERVICED. CHANGED OIL AND FILTER, CLEANED & GAPPED SPARK PLUGS. INSTALLED NEW BUSHINGS IN CARB HOPE VALVE. INSTALLED O/H PROF GOVERNOR. CK'D ADIS TRM 84-25			
	I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
Total To Carry Forward				Roger Lawson JA 2235400

and Remarks	Signature	Certificate No.
1-27-86 Engine washed down ALL Systems CK'D and SERVICED.		
<p>DATE <u>1-27-86</u> T.T. IN SERVICE <u>5630</u> AD'S CHECKED THRU: <u>86-1</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>Roger Lawson</u> NUMBER: <u>JA 2235400</u></p>		

ENGINE OVERHAUL

REMARKS

TYPE		TIME	
Major . . . <input checked="" type="checkbox"/>	Engine Serial No. <u>L-9917-40</u>	Since Last Major	<u>2138</u>
Top . . . <input type="checkbox"/>	Date Completed <u>05-23-83</u>	Total	<u>2138</u>

NEW PARTS

ALL PARTS REQUIRED BY S/B 240K.

BOTH OIL PUMP GEARS AND SHAFT

OIL PUMP HOUSING, ALL VALVE LIFTER BODYS.

ALL VALVE GUIDES, ALL PISTONS & PISTON PINS,

ALL INTAKE VALVES.

CRANKSHAFT GROUND AND RE-NITRIDED, AND
 COUNTERWEIGHTS RE-BUSHED. CAMSHAFT RE-GROUND.

ALL WORK DONE IN ACCORDANCE WITH LYCOMING
 OVERHAUL MANUAL AND APPLICABLE FAR.S. ENGINE
 SERVICED WITH GRADE 100 AEROSHELL MINERAL OIL.

I certify that this overhaul was accomplished in accordance with FAA Regulations and Directives using approved material and parts.

Signature

Royce P. Luman

Certificate No.

AF 2235400

Address