



LEFT


ENGINE DATA

1. Make LYCOMING
2. Model T0-360-E1A6D
3. Specification _____
4. Manufacturer's Serial Number L-107-73
5. Date of Manufacture _____



Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD 							
3-30-19	TACH		3233.7				compression #1-74 #2-75 #3-76 #4-77 cleaned gapped rotated plugs. Changed oil filter AA48103-2 and c/w AD80-04-03 by using aeroshell 15w50 oil. Inspected exhaust and intake system. Eldon Holtz ATP 3617647
<p>Date <u>3-30-19</u> Aircraft <u>3233.7</u> I Certify That This <u>POWER PLANT</u> Has Been Inspected In Accordance With An <u>ANNEX</u> Inspection And Been Determined To Be In Airworthy Condition. <u>Eldon Holtz</u> <u>IA 3617647</u> Signature Certificate No.</p>							
6-22-19	TACH		3274.1				changed oil and filter with AA48103-2 oil filter and c/w AD80-04-03 by using aeroshell 15w50 oil. Eldon Holtz ATP 3617647
9-02-19	TACH		3274.5				Removed engine for overhaul Eldon Holtz ATP 3617647
4-20-20	TACH		3274.5				Overhauled engine per overhaul manual 60294-9 Engine case overhauled by service invoice Crankshaft camshaft repaired by aircraft specialists Services #10 #256531 and 258892, all steel parts done by aircraft specialists see all yellow tags. Installed new crankshaft bearing new rod bearing Installed new lockplate and crankshaft bolt AN8-10 bolt. Replaced camshaft lockplates and new bolts #TD-708. Replaced oil pump lockplate
THIS PAGE TOTALS 							
PREVIOUS TOTALS							
TOTALS SINCE NEW							

CARRY FORWARD to Top of Next Page 

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Replaced oil pump key \$FD 2057. Installed new key \$FD-96
prop gov gear. Installed all LW-14890 overhauled cylinders.
Installed overhauled HA-6 S/N DO-2-171 carb. Installed
new impulse coupling and points in mag 10-385124-129
S/N 34747. Installed all new hyd lifters P/N LW-14812
Replaced all bolts and nuts on connecting rods.

Eldon Holtz APP 3617647

4-21-20 TACH 3274.5 Tsmo 0.0

Installed engine back on aircraft N258PM Installed
new engine lard mounts and new nuts. Installed all
new engine hoses. Installed ~~prop~~ overhauled prop gov.
E3-5 S/N 3372-\$I. Runup checked good.

Eldon Holtz APP 3617647

Date 4-26-20 Aircraft Total Time 3275.1
I Certify That This POWERPLANT Has
Been Inspected In Accordance With An
AVNVAH Inspection And Been
Determined To Be In Airworthy Condition.
Eldon Holtz EA3617647
Signature Certificate No.

3-28-21 TACH 3320.1

Changed oil and filter with a CH48103-2 filter
C/w AD 80-24-03R² by using AeroShell 15W50 oil

Eldon Holtz APP 3617647

8-25-2021 TACH 3377.7

Change oil and filter with a A48103-2 filter
C/w AD 80-24-03R² by using AeroShell 15W-50
oil and hand AIP 3395077

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
4-20-21	TACH	3327.5	TSO	52.9			
	compression #1-79 #2-78 #3-78 #4-79. cleaned gapped rotated plugs changed oil and filter with 6 qts avroshell 15w50. c/w AD 80-04-03R ² by using 15w50 oil Eldon Holtz APP 3617647						
<p>Date <u>4-20-21</u> Aircraft Total Time <u>3327.5</u> I Certify That This <u>POWER PHANT</u> Has Been Inspected In Accordance With An <u>ANNUAL</u> Inspection And Been Determined To Be In Airworthy Condition. <u>Eldon Holtz</u> <u>APP 3617647</u> Signature Certificate No.</p>							
8-25-21	TACH	3354.2	changed oil and filter. c/w AD 80-04-03R ² by using avroshell 15w50 oil				Eldon Holtz APP 3617647
12-19-21	TACH	3417.2	compression #1-76 #2-78 #3-78 #4-78 changed oil and filter. c/w AD 80-04-03R ² by using avroshell 15w50 oil. Inspected exhaust and intake system Eldon Holtz APP 3617647				
<p>Date <u>12-19-21</u> Aircraft Total Time <u>3417.2</u> I Certify That This <u>POWER PHANT</u> Has Been Inspected In Accordance With An <u>100HR</u> Inspection And Been Determined To Be In Airworthy Condition. <u>Eldon Holtz</u> <u>APP 3617647</u> Signature Certificate No.</p>							
3-26-22	TACH	3474.3	changed oil and filter. c/w AD 80-04-03R ² by using avroshell 15w50 oil Eldon Holtz APP 3617647				
<p>THIS PAGE TOTALS</p> <p>PREVIOUS TOTALS</p> <p>TOTALS SINCE NEW</p>							

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5-10-22 TACH 3504.8 SMO 230.3

Compression #1-73 #2-76 #3-79 #4-80. Cleaned gapped
rotated plugs. Installed new starter 149N1 S/N H-V101490
Replaced intake tubes #3 & #4. Changed oil filter
c/w AD 80-04-03R by using aeroshell 15W50 oil.
Eldon Holt APP 3617647

Date 5-10-22 Aircraft Total Time 3504.8
I Certify That This POWER PLANT Has
Been Inspected In Accordance With An
ANNUAL Inspection And Been
Determined To Be In Airworthy Condition.
Eldon Holt APP 3617647
Signature Certificate No.

8-26-22 TACH 3557.9 changed oil & complied with AD 80-04-03R
by using aeroshell 15W50 oil. ~~APP 4459607~~ APP 4459607

10-02-22 TACH 3600.2 Compression #1-60 #2-74 #3-78 #4-78
cleaned gapped, rotated plugs. Changed oil filter c/w AD 80-04-03R
by using aeroshell 15W50 oil. Replaced air filter.
Eldon Holt APP 3617647

Date 10-02-22 Aircraft Total Time 3600.2
I Certify That This POWER PLANT Has
Been Inspected In Accordance With An
100HR Inspection And Been
Determined To Be In Airworthy Condition.
Eldon Holt APP 3617647
Signature Certificate No.

9150E

Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
12-19-22	TACH	3644.8					Installed Repaired/overhauled mag D4RN-3000 S/N A299409. Replaced HA-4 carb S/N DO-2-171. Runup OK. good Eldon Hutz APP 3617647
12-19-22	TACH	3644.8					changed oil filter and oil. C/W AD80-04-03 by using alcoshell 15W50 oil. Eldon Hutz APP 3617647
5-15-23	TACH	3656.0					all cylinders in the 70/80 inspected exhaust intake system. No oil change do at this time. Eldon Hutz APP 3617647
Date <u>5-15-23</u> Aircraft Total Time <u>3656.0</u> I Certify That This <u>POWER PLANT</u> Has Been Inspected In Accordance With An <u>ANNUAL</u> Inspection And Been Determined To Be In Airworthy Condition. Signature <u>Eldon Hutz</u> Certificate No. <u>IA3617647</u>							
6-13-23	TACH	3658.0					C/W AD 2023-09-09 exhaust pipe V band visual no defects found Eldon Hutz APP 3617647
THIS PAGE TOTALS PREVIOUS TOTALS TOTALS SINCE NEW							

CARRY FORWARD to Top of Next Page

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

8/15/02 HrMt. 287.2 ACTT: 2910.9
These logs have been brought forward from previous
logs. Jeff Umell 526475413 A&P

ENGINE

September 13, 2002

N8154H PA44-180T S/N-44-8107001 HRMT: 326.2 ACTT: 2950.2 SMOH: 805.5 L
Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus
oil, AD 80-04-03R2 C/W, ground run ops and leak inspection good.

Signed

Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

L/H Engine

September 27, 2002

N8154H PA 44-180T S/N-44-8107001 HrMt: 368.4 ACTT: 2992.4 SMOH: 847.7L/R
PSMOH: 436.8 L/R

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter
inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W1100 Plus
oil with additive, cleaned and gapped spark plugs, Comp. Test #1 76/80 #2 72/80 #3
75/80 #4 75/80, inspected mag timing, I CERTIFY THAT THIS ENGINE WAS
INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed

Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

THIS DOCUMENT IS A PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT
AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**LEFT ENGINE**

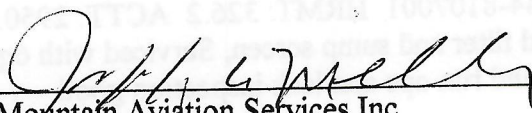
October 18, 2002

N8154H PA44-180T S/N-44-8107001 HRMT: 417.8 ACTT: 3014.8 SMOH: 897.1

L/R, PSMOH: 486.2

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, ground run ops and leak inspection good.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

L/H Engine

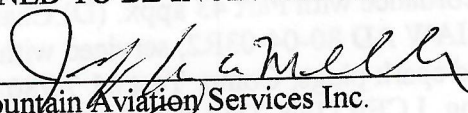
November 6, 2002

N8154H PA 44-180T S/N-44-8107001 HrMt: 462.8 ACTT: 3086.8 SMOH: 942.1L/R

PSMOH: 531.2 L/R

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 78/80 #2 76/80 #3 76/80 #4 75/80, inspected mag timing, I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

LEFT ENGINE

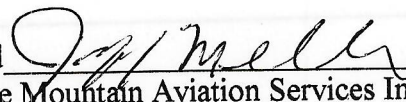
November 18, 2002

N8154H PA44-180T S/N-44-8107001 HRMT: 503.3 ACTT: 3127.3 SMOH: 982.6

L/R, PSMOH: 571.7

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, AD 96-12-07 Bendix Impulse C/W IAW MSB 645, reinstalled mag timed to engine. Ground run ops and leak inspection good.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

THIS DOCUMENT IS A PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

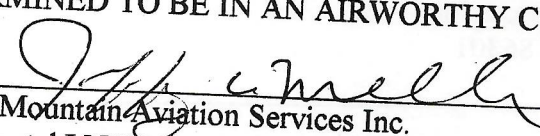
ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**L/H Engine**

December 20, 2002

N8154H PA 44-180T S/N-44-8107001 HrMt: 543.5 ACTT: 3167.5 SMOH: 1022.8L/R
PSMOH: 611.9 L/R

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 77/80 #2 76/80 #3 76/80 #4 76/80, inspected mag timing, I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA


~~Left~~
~~RIGHT~~ ENGINE

January 17, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 590.0 ACTT: 3214.0 SMOH: 1069.3
PSMOH: 658.4

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW16702 additive, AD 80-04-03R2 C/W, AD 96-12-07 Bendix Impulse C/W IAW MSB 645, Ground run ops and leak inspection good.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

2664275 A&P


L/H Engine

February 5, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 646.7 ACTT: 3270.7 SMOH: 1126.0L/R
PSMOH: 715.1 L/R

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 74/80 #2 74/80 #3 66/80 #4 76/80, inspected mag timing, I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

RCRAFT

ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDSLEFT ENGINE

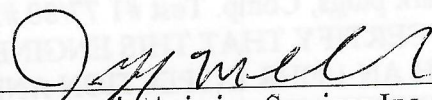
February 21, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 690.6 ACTT: 3314.6 SMOH: 1169.9

PSMOH: 759.0

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed



2664275 A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

MONTGOMERY AVIATION REPAIR STATION #EA4R147M

N8154H
24 FEB 03PIPER PA 44-180T
T699.1S/N 44-8107001
W/O M13730LEFT-HAND ENGINE LOG BOOK ENTRY

INSTALLED MAGNETO - PROVIDED BY OWNER - PN 10-382555-16
SN# 30504 WITH NEW GASKET PN 10-400613. TIMED MAGNETO TO
ENGINE IN ACCORDANCE WITH ENGINE PLACARD. DRAINED OIL,
SERVICED WITH 5 QUARTS AEROSHELL 100 W. REMOVED AND
REPLACED OIL SCREEN PLUG GASKET STD1045, AND SAFETIED.
LEAK AND OPS CHECK COMPLIED WITH. NO DEFECTS
NOTED.END.

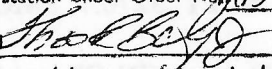
The aircraft, airframe, aircraft engine, propeller,
or appliance identified above was repaired and in-
spected in accordance with current Regulations of
the Federal Aviation Agency and is approved for re-
turn to service.

(signature of authorized representative)
Montgomery Aviation Corporation #EA4R147M

"Pertinent details of the repair are on file at this
repair station under Order No. M13730 Date 28 Feb 03 P. O. Box 92, Montgomery, Alabama."

certificate no.

Signed



for

THIS DOCUMENT IS A PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT
AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**L/H Engine**

March 17, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 741.7 ACTT: 3365.7 SMOH:1221.0L/R
PSMOH: 810.1 L/R

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 76/80 #2 76/80 #3 73/80 #4 74/80, inspected mag timing, I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed *J. J. Amell* 526475413 IA
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

LEFT ENGINE

April 4, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 789.0 ACTT: 3413.0 SMOH: 1268.3
PSMOH: 806.3

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed *J. J. Amell* 526475413 A&P
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

L/H Engine

April 25, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 841.0 ACTT: 3465.0 L/R SMOH:1320.3
Left PSMOH: 909.4 Right PSMOH: 0.0

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 74/80 #2 70/80 #3 70/80 #4 72/80, inspected mag timing, replaced intake gaskets, and lower couplings P/N-LW-18101. Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed *J. J. Amell* 526475413 IA
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

AIRCRAFT

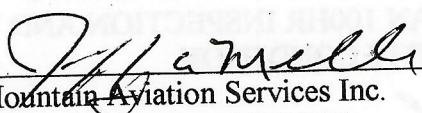
ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**LEFT ENGINE**

May 22, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 889.1 ACTT: 3513.1 SMOH: 1368.4
PSMOH: 906.4

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P


L/H Engine

June 11, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 924.3 ACTT: 3548.3 L/R SMOH: 1403.6
Left PSMOH: 992.7 Right PSMOH: 83.3

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 76/80 #2 72/80 #3 73/80 #4 74/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

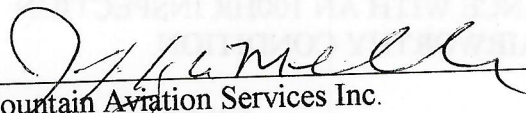
LEFT ENGINE

June 30, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 974.4 ACTT: 3598.4 SMOH: 1453.7
PSMOH: 1024.8 R/PSMOH: 133.4

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed


Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

THE AIRCRAFT

--- REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

L/H Engine

July 24, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt:1019.6 ACTT:3643.6 L/R SMOH:1498.9
Left PSMOH: 1088.0 Right PSMOH: 178.6

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 74/80 #2 70/80 #3 72/80 #4 66/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed

[Signature]
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

LEFT ENGINE

August 12, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1070.4 ACTT: 3694.0 SMOH: 1549.3
PSMOH: 1075.2 R/PSMOH: 183.8

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed

[Signature]
Granite Mountain Aviation Services Inc.

526475413 A&P

L/H Engine

September 9, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt:1120.0 ACTT:3746.0 L/R SMOH:1601.3
Left PSMOH: 1190.0 Right PSMOH: 280.6

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 73/80 #2 75/80 #3 71/80 #4 70/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed

[Signature]
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOK.

AIRCRAFT

ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDS

LEFT ENGINE

September 30, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1169.9 ACTT: 3793.9 SMOH: 1649.2
PSMOH: 1175.2 R/PSMOH: 283.8Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus
oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection
good.Signed *Jeff A. Melly*
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

L/H Engine

October 17, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt:1217.1 ACTT:3841.1 L/R SMOH:1696.4
Left PSMOH: 1287.1 Right PSMOH: 377.7Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter
inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus
oil with additive, cleaned and gapped spark plugs, Comp. Test #1 72/80 #2 74/80 #3
74/80 #4 74/80, inspected mag timing, Ground run ops and leak inspection performed. I
CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A
100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION.Signed *Jeff A. Melly*
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ. 86301

526475413 IA

LEFT ENGINE

October 30, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1267.1 ACTT: 3891.1 SMOH: 1764.4
PSMOH: 1272.4 R/PSMOH: 381.0Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus
oil with LW 16702 additive, AD 80-04-03R2 C/W, Replaced Engine crank seal Ground
run ops and leak inspection good.Signed *Jeff A. Melly*
Granite Mountain Aviation Services Inc.
6543 Crystal LN Prescott AZ 86301

526475413 A&P

THE AIRCRAFT

AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**L/H Engine**

November 14, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt:1306.3 ACTT:3930.3 L/R SMOH:1785.6

Left PSMOH: 1376.0 Right PSMOH: 466.7

Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 68/80 #2 64/80 #3 69/80 #4 71/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Signed *J. J. Lmell* 526475413 IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

LEFT ENGINE

November 26, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1350.1 ACTT: 3974.1 SMOH: 1829.4

PSMOH: 1419.8 R/PSMOH: 510.5

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed *R. J. Lmell* 2664275 A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

1-7-04 HrMT: 1395.3 ActT: 4019.3 SMOH: 1874.6ENGINE TT: 4019.3Removed This Engine To-360 B1AG15 SIN-L-102-73
From PA44-180T N8154H SIN-44-8107001*J. J. Lmell*526475413 A&P

THIS DOCUMENT IS A PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT
AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDS

Left engine

February 26, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2032.6 ACTT: 5050.9 SMOH: 1289.5

Completed 50 hour inspection. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW

paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal. Replaced screw on # 3cylinder valve cover.

Signed: William D. Broome

A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

THIS DOCUMENT IS A PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

Aircraft Engine Repair & Overhaul
2171 Cochise Street
Chino Valley, Arizona 86323
928-533-1771 602-430-4397



Logbook Entry

Lycoming TO-360-E1A6D S/N L-102-73

This engine was overhauled iaw Textron Lycoming 76 Series Overhaul Manual part # 60294-9.

Crankcase repaired per MPP9600 and certified by Engine Components Inc. CRS# AG2R689K. Crankshaft ground, (rod and main journals M003) repaired, overhauled, and certified by Engine Components Inc. CRS# AG2R689K. Counterweight assemblies repaired iaw MPP-9402 and certified by Engine Components Inc. CRS# AG2R689K. Connecting rods inspected, rebushed, overhauled and certified by One Stop Aviation, Inc. CRS# XR3R981L. Camshaft repaired per RAPS-1 and certified by Rock Aviation, Inc. CRS #RA7R115J. All internal steel gears etc. inspected, magnafluxed and certified by One Stop Aviation, Inc. CRS# XR3R981L. All 4 cylinder assemblies fresh Cermi-nil bore overhauled and certified by One Stop Aviation, Inc. CRS# XR3R981L. All yellow tags and FAA 8130-3 forms etc. included with maintenance records.

This engine was assembled using the following new parts:
Main bearings, Counterweight rollers, retaining plates and snap rings, Connecting rod bearings, Connecting rod bolts, Connecting rod bolt nuts, Crankshaft gear bolt, Hydraulic lifters, Oil pressure relief ball, Oil pressure relief spring, Piston pins, Piston rings, Pistons, Intake and exhaust valves, Valve springs, Valve keepers, Valve lash caps, Rocker arms, Intake hoses, Rocker box drain hoses, Overhaul gasket set and all consumable parts woodruff keys, cotter pins, circlips, magneto drive cushions, seals, gaskets etc. not specifically listed above.

Magneto was disassembled, cleaned, inspected and reassembled replacing parts as needed to return to overhauled condition.

Complied with recurring A.D.s, # 2002-12-07 iaw par (e) and Textron Lycoming MSB 543A and # 2005-12-06 by inspection iaw par (i) and TCM MSB645. All other engine and engine accessory A.D.s n/a or pcw.

This engine delivered to Granite Mountain Aviation Services, Inc. Prescott, Arizona for installation of all accessories, exhaust system components, installation into airframe, ground run in, test flight and return to service.

Aircraft Engine Repair & Overhaul
Thomas L. Town 526964634IA

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: JBR00212	
4. Organization Name and Address: KELLY AEROSPACE POWER SYSTEMS, AIRPORT COMPLEX, FORT DEPOSIT, AL. 36032							
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	5. Work Order/Contract/Invoice Number: W/O: M125590
1	TURBOCHARGER	465398-9002	N/A	1	JBR00212	REBUILT	
13. Remarks: <p>COPY OF WORK ORDER AVAILABLE ON REQUEST FROM KELLY AEROSPACE POWER SYSTEMS CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA APPROVAL CERTIFICATE NUMBER EASA.145.4418 AND BY THE FAA AIR AGENCY CERTIFICATE NUMBER UT2R226L. APPROVED FOR EXPORT</p> <p style="text-align: right;">CFSCODE: 465398-9002</p>							
14. Certifies the items identified above were manufactured in conformity to:		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service		<input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No:	
				<i>Opal E. McGinty</i> OPAL E. MCGINTY		PQ1034CE-D	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				OPAL E. MCGINTY		FEB 28 2006	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

*Installer must cross-check eligibility with applicable technical data.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Left Engine

January 5, 2007

N258RM PA44-180T S/N-44-8107029 Tach: 743.1 ACTT: 3761.4

Engine TO-360 E1A6D S/N-I-102-73, Engine TT: 4019.00 SMOH: 0.0

Installed this engine TO-360E1A6D on the left position of N258RM, S/N-44-8107029, see log entry dated 12-22-06, Aircraft Engine Repair & Overhaul for overhaul details,

Serviced with 6qts AS 100 50wt oil, ground run and break in procedures C/W IAW Lycoming Service Publications, SI 1427B, leak inspected. I CERTIFY THAT THIS ENGINE WAS INSPECTED AND OR

REPIARED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS RETURNED TO SERVICE FOR THE WORK PERFORMED.

Signed _____

526475413A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

Left engine

February 14, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0

Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc.

Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed.

Signed _____

526475413 A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

Left Engine

March 13, 2007

N258RM PA44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1

Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter

inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80

#3 76/80 #4 78/80. Ground run ops and leak inspection performed. I CERTIFY THAT

THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIR WORTHY CONDITION

Signed _____

526475413IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Left engine

April 4, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 873.00 ACTT: 3891.30 SMOH: 129.90
Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc.
Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive,
ground run ops and leak inspection performed.

Signed: Thomas L. Town

526964634IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

Left Engine

April 20, 2007

N258RM PA44-180T S/N-44-8107029 Hobbs: 914.7 ACTT: 3933.0 SMOH: 171.6
Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter
inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite
with LW16702 additive, cleaned and gapped spark plugs, inspected mag timing, Comp.
Test #1 76/80 #2 78/80 #3 76/80 #4 78/80. Ground run ops and leak inspection performed.
I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A
100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION

Signed

526475413IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

Left engine

May 8, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90
Completed 50 hour inspection in accordance with inspection guide. AD 80-04-03R2
Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with
LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town

526964634IA

Granite Mountain Aviation
6543 Crystal LN Prescott AZ. 86301
928-443-8509

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Left Engine

May 30, 2007

N258RM PA44-180T S/N-44-8107029 ~~Hours~~ ^{TACH}: 1015.70 ACTT: 4034.00 SMOH: 272.60

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Replaced all spark plugs. Inspected magneto timing. Compression test results #1 70/80 #2 75/80 #3 76/80 #4 72/80. Complied with ground run and leak inspection, all functions normal. Removed #2 cylinder primer line and nozzle. Tightened loose intake hose clamps on #1 cylinder.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed Thomas L. Town 526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ 86301

928-443-8509

Left engine

June 18, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 1074.80 ACTT: 4093.10 SMOH: 331.70

Completed 50 hour inspection in accordance with inspection guide. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town Thomas L. Town 526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

July 18, 2007

N258RM PA44-180T S/N-44-8107029 ~~Hours~~ ^{TACH}: 1111.80 ACTT: 44130.10 SMOH: 368.70

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 72/80 #3 75/80 #4 70/80. Removed part # 486-483 fuel pressure sending unit S/N 37477 and installed new part # 486-483 sending unit S/N 37475. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed Thomas L. Town 526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ 86301

928-443-8509

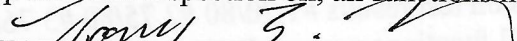
ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**Left engine**

August 16, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 1155.50 ACTT: 4173.80 SMOH: 412.40

Completed 50 hour inspection in accordance with inspection guide. AD 80-04-03R2

Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

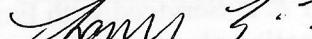
October 2, 2007

N258RM PA44-180T S/N-44-8107029 ^{TACH}~~Hours~~: 1208.80 ACTT: 4227.10 SMOH: 465.70

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter.

Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found.

Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 77/80 #3 74/80 #4 77/80. Reseated #1 cylinder intake hose. Replaced part # 548-729 oil pressure sending unit. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR
INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITIONSigned: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

Left engine

November 6, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 1262.70 ACTT: 4281.00 SMOH: 519.60

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

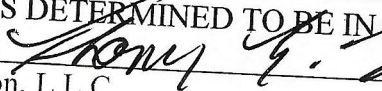
Left Engine

December 10, 2007

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hobbs~~: 1305.90 ACTT: 4324.20 SMOH: 562.80

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 60/80 #2 74/80 #3 74/80 #4 72/80. Cleaned and gapped all spark plugs. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

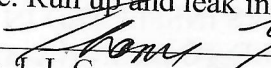
Signed: Thomas L. Town 
Granite Mountain Aviation, L.L.C.
6543 Crystal Lane Prescott, AZ. 86301
928-443-8509

526964634IA

Left engine

January 14, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1355.60 ACTT: 4373.90 SMOH: 612.50
Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town 
Granite Mountain Aviation, L.L.C.
6543 Crystal LN Prescott AZ. 86301
928-443-8509

526964634IA

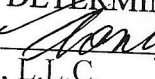
Left Engine

February 13, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hobbs~~: 1401.40 ACTT: 4419.70 SMOH: 658.30

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 62/80 #2 70/80 #3 74/80 #4 72/80. Cleaned and gapped all spark plugs. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: Thomas L. Town 
Granite Mountain Aviation, L.L.C.
6543 Crystal Lane Prescott, AZ. 86301
928-443-8509

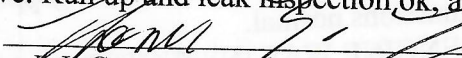
526964634IA

ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDS

Left engine

March 10, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1459.90 ACTT: 4478.20 SMOH: 716.80
Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

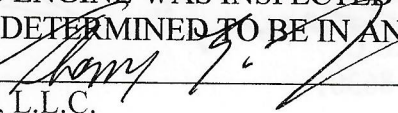
Left Engine

April 1, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH}~~Hobbs~~: 1495.50 ACTT: 4513.80 SMOH: 752.40

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 66/80 #2 74/80 #3 75/80 #4 72/80. Cleaned and gapped all spark plugs. Removed model HA-6 carburetor part # 10-5256 s/n P010838 and installed serviceable model HA-6 carburetor part # 10-5256-1 s/n 002202. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301


928-443-8509

Left engine

April 15, 2008

N258RM PA 44-180T S/N-44-8107029 ^{TACH}~~Tach~~: 1548.40 ACTT: 4566.70 SMOH: 805.30

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

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Left Engine

May 15, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hobbs~~: 1596.70 ACTT: 4615.00 SMOH: 853.60

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 66/80 #2 68/80 #3 73/80 #4 77/80. Cleaned and gapped all spark plugs. Replaced #4 cylinder induction tube gasket. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: Thomas L. Town

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

526964634IA

Left engine

June 18, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1641.40 ACTT: 4659.70 SMOH: 898.30

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

526964634IA

Left Engine

July 17, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hobbs~~: 1689.10 ACTT: 4707.40 SMOH: 946.00

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 66/80 #2 72/80 #3 74/80 #4 76/80. Replaced all spark plugs with new. Replaced #4 cylinder induction tube gasket. Repositioned #1 cylinder intake tube connecting hose and secured. Replaced all rocker cover gaskets. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: Thomas L. Town

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

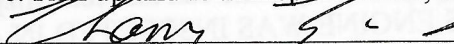
526964634IA

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**Left engine**

August 25, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1741.60 ACTT: 4759.90 SMOH: 998.50

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town  526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

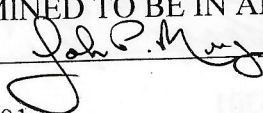
Left Engine

October 10, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hours~~: 1784.30 ACTT: 4802.60 SMOH: 1041.20

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 72/80 #3 73/80 #4 75/80. Cleaned and gapped all spark plugs. Replaced #2 and #4 cylinder rocker cover gaskets. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: John P. Morgan  246920618IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

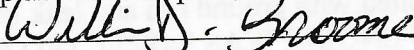
928-443-8509

Left engine

November 4, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1838.40 ACTT: 4856.70 SMOH: 1095.30

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: William D. Broome  A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

AND WILL REMAIN WITH THE PERMANENT SUPPLEMENTAL RECORD FOR THE AIRCRAFT
AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Left Engine

November 18, 2008

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hours~~: 1883.0 ACTT: 4901.30 SMOH: 1139.90

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 69/80 #3 62/80 #4 65/80. Cleaned and gapped all spark plugs. Replaced #2 and #4 cylinder rocker cover gaskets. Removed #1 cylinder and replaced with serviceable cylinder assembly. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: John P. Morgan

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

246920618IA

Left engine

December 9, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1931.90 ACTT: 4949.40 SMOH: 1188.00

Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Tightened exhaust flange nuts on #2 cylinder

Signed: William D. Broome

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

A&P400922484

Left Engine

February 6, 2009

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Hours~~: 1978.6 ACTT: 4996.9 SMOH: 1235.5

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 75/80 #2 65/80 #3 62/80 #4 73/80. Cleaned and gapped all spark plugs. Replaced #2 #3 and #4 cylinder rocker cover gaskets. Replaced #4 cylinder induction tube gasket. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: William D. Broome

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

A&P400922484

THIS DOCUMENT IS A PERMANENT SUPPLEMENT RECORD FOR THE AIRCRAFT AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

PAGE _____

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Left engine

February 26, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2032.6 ACTT: 5050.9 SMOH: 1289.5

Completed 50 hour inspection. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal. Replaced screw on # 3cylinder valve cover.

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

March 30, 2009

N258RM PA44-180T S/N-44-8107029 ^{TACH} ~~Holls~~: 2074.90 ACTT: 5093.20 SMOH: 1331.80

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 64/80 #3 72/80 #4 66/80. Cleaned and gapped all spark plugs. Replaced #2 and #4 rocker cover gaskets. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

Aircraft

April 30, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2128.50 ACTT: 5146.80

Completed 50 hour inspection.

Checked operation of all lights, pitot heat and stall warning. Serviced hydraulic fluid and battery. Dressed and painted propeller blades. Replaced both landing lights with new. Replaced right fuel pressure sender with serviceable unit. Operational check ok.

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

THIS DOCUMENT IS A PERMANENT SUPPLEMENT RECORD FOR THE AIRCRAFT AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE – INSPECTION – REPAIR - REPLACEMENT RECORDS**Left engine**

April 30, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2128.50 ACTT: 5143.80 SMOH: 1385.4

Completed 50 hour inspection. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

May 20, 2009

N258RM PA44-180T S/N-44-8107029 ^{TACH}~~Hours~~: 2170.9 ACTT: 5189.2 SMOH: 1427.8

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 77/80 #2 75/80 #3 76/80 #4 76/80. Cleaned and gapped all spark plugs. Removed left vacuum pump part # 215cc s/n 49237 and installed left vacuum pump part # 215cc s/n 64225 overhauled by Aero Accessories, Inc. CRS # YV4R688M. See FAA form 8130-3 for details. Replaced left fuel pressure sender. Replaced screw on #4 cylinder rocker cover. Run up and leak check inspection ok, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

Left engine

June 30, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2220.40 ACTT: 5238.70 SMOH: 1477.3

Completed 50 hour inspection. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: William D. Broome William D. Broome A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

THIS DOCUMENT IS A PERMANENT SUPPLEMENT RECORD FOR THE AIRCRAFT AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

September 23, 2009
 N258RM PA44-180T S/N-44-8107029 ^{WAB}Left Engine ^{TACH}

Hobbs: 2268.9 ACTT: 5287.2 SMOH: 1525.8

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 78/80 #2 78/80 #3 73/80 #4 76/80. Cleaned and gapped all spark plugs. Replaced fuel pump drain hose, replaced broken heat shield clamps, replaced grommets on #2 and #4 cylinder baffles, replaced rocker cover gaskets on #1 #2 and #4 cylinders, and replaced #2 cylinder primer line and replaced turbocharger with exchange unit part # 465398-9002 s/n VD-L0102 overhauled by Main Turbo Systems, Inc. CRS # MAMR190K see FAA form 8130-3 for details. Complied with ground run and leak inspection, all functions normal.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Signed: William D. Broome

William D. Broome

A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

SEPT 24, 2009, TACH: 2268.9

REPAIRED LOWER SPARK PLUG LEAD ON #2 CYLINDER

William D. Broome 400922484 A&P

Left engine

November 10, 2009

N258RM PA 44-180T S/N-44-8107029 Tach: 2319.80 ACTT: 5338.10 SMOH: 1576.70

Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: William D. Broome

William D. Broome

A&P400922484

Granite Mountain Aviation, L.L.C.

Left Engine

December 10, 2009

N258RM PA44-180T S/N-44-8107029 Hobbs: 2366.0 ACTT: 5384.3 SMOH: 1622.9

Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. All other engine and engine accessory A.D.s through 2009-24 n/a or pcw. See A.D. Compliance record for details. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Magneto timing within limits. Compression test results #1 74/80 #2 76/80 #3 72/80 #4 74/80. Cleaned and gapped all spark plugs. Replaced induction tube gaskets on #2 and #4 cylinder. Replaced #1, #2 and #4 cylinder rocker cover gaskets. Replaced exhaust heat shield clamp on #4 cylinder. Repaired left magneto P lead.

I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Signed: Thomas L. Town

Thomas L. Town

526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**Left engine**

January 6, 2010

N258RM PA 44-180T S/N-44-8107029 Tach: 2407.0 ACTT: 5425.3 SMOH: 1663.9

Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: William D. Broome

William D. Broome

A&P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

2-18-2010 Tach 2444.4 Replaced magneto drive gear bushing with P50 bushing IAW S.I. #1386A. Replaced magnetos with Serviceable mag. P.N. 10-682554-16, SN. A299409 GR (customer supplied). Replaced engine driven fuel pump with O/H pump P.N. LW 16947, S.N. AA25750. Run up and leak check good. W.O. 20168 John Attwood A&P 3287177

6-29-10 Tach 2451.4 Replaced overhauled with serviceable magnetos. Removed carb for repair and reinstalled carb. (see Arizona Air-Craftman's Maintenance Release dated 6-18-2010 for repair details.) Run up and leak check good. W.O. 20406 John Attwood A&P 3287177

ENGINE: LH, S/N L-203-74

03-06-2011

N258RM, PA-44-180T, S/N-44-8107029

HOBBS: 1958.9

Tach: 2465.6

SMOH: 1722.5

Perform Annual inspection IAW FAR 43 Appendix D. Check AD's. AD compliance listed in compliance record. Clean and gap spark plugs, check magneto timing. AD 80-04-03R2 c/w by use of Exxon Elite 20/50, Oil filter cut and inspected. Compression tests : #1 77/80, #2 76/80, #3 76/80, #4 78/80. #3 cylinder removed due to crack found, and replaced with serviceable chrome bore cylinder, and new ring set installed. Ground run and ops check. All functions normal, no leaks found. I certify that this Engine has been inspected IAW an Annual Inspection and is determined to be in an airworthy condition at this time.

F. M. [Signature]

A&P 30077587A

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

PAGE

03-11-11 Hobbs: 1990.7 Tach: 2485.5 SMOH: 1742.4
 Removed carburetor S/N: and installed O/H Carburetor S/N DO-2-171
 See Arizona Air Creditman new order #19696. Check for leaks and operation. Ground
 run and set idle and idle mixture, and check for leaks. All operation check
 normal, aircraft test flown and ops check normal.
 R. N. A+P 3007758

12-10-11 Hobbs: 2016.9 Tach: 2506.7 SMOH: 1763.6
 Changed Engine oil and oil filter. Inspected oil filter + oil sump screen
 FAW AD 80-04-03 R2, and no contamination found. Serviced with 6 quarts
 Exxon Elite 20150 oil to comply w/ AD 80-04-03 R2. Engine ground run
 and no leaks detected, all ops normal.
 R. N. A+P 3007758

12-17-2012
 SMOH: 1797.7
 Hobbs: 2058.6 Hrs.
 Tach: 2540.8 Hrs

Left Engine Logbook Entry
 TO-360-E1A6D

N258RM
 S/N: L-203-74

Perform Annual Inspection in accordance with FAR 43 Appendix D and as outlined in Manufactures
 Maintenance Manual. AD's and SB's checked. AD 2010-07-08 N/A by S/N and rebuild date. AD 2011-13-03 N/A
 by S/N, rebuild date, & TIS. AD 2012-03-07 N/A - die cast body used. Clean engine air filter, check magneto
 timing. Compression checks: #1 78/80, #3 80/80, #2 80/80, #4 77/80. Removed spark plugs for inspection;
 cleaned, re-gapped, tested, and reinstalled. Oil drained and replenished, and AD 80-04-03 R2 complied with by
 use of Exxon Elite 20/50 aviation oil. Inspect oil filter and oil sump screen for contaminants. Installed new
 Champion oil filter. Controls checked and lubed as required. Engine ground ran and checked for leaks and
 normal operations, all checks OK.
 R. N. A+P 3007758-FA

THIS DOCUMENT IS A PERMANENT SUPPLEMENT RECORD FOR THE AIRCRAFT AND
 WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

CWO# 10-185

COMPONENT WORK ORDER

DATE June 17, 2010

Component Carburetor
Manufacturer Precision
Part Number 10-5256-1
Serial # DO2202

Customer Name J&J Leasing
Customer PO# _____
Model HA-6
Time on Unit _____

WORK NEEDED: OVERHAUL _____ REPAIR X TEST ONLY _____ TEST & NOTIFY _____

WORK PERFORMED:

TOTAL LABOR HOURS 1.0

Dissassembled. Cleaned. Inspected. Replaced parts listed below.
Tested. Returned unit to service per Precision service manual
FSM-044.

FUNCTION TEST:

Test Name					Notes
<u>float level</u>				<u>Pass</u>	

ADS AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
<u>SB-11.</u>	<u>C/w.</u>		
<u>SB-10.</u>	<u>C/w.</u>		
<u>SB-6.</u>	<u>P/C/w.</u>		
<u>SB-5.</u>	<u>C/w.</u>		
<u>SB-3.</u>	<u>N/A to P/w.</u>		
<u>SB-2.</u>	<u>C/w.</u>		

PARTS LIST:

Qty.	P/N	Qty.	P/N	Qty.	P/N
<u>1</u>	<u>666-1001 Float kit</u>				
<u>1</u>	<u>AV16-A108 Gasket</u>				
<u>1</u>	<u>16-B302 Gasket</u>				
<u>1</u>	<u>16-B322 Gasket</u>				
<u>2</u>	<u>AV28-A111 washers</u>				
<u>1</u>	<u>78-A299 washer</u>				
<u>1</u>	<u>82-14 Pin</u>				
<u>1</u>	<u>44-221 O-ring</u>				

NOTE: Additional information may be found on the back of this document.

Robert L. Jam June 17, 2010
MECHANIC DATE

Jaya King June 18, 2010
INSPECTOR DATE
AT P3443683

AC Assigned W/O# 20406
Form107.component work order.wpd

REV. 08/00

10-185

Maintenance Release

Description: Magneto
Model: HA-6
Serial No.: D02202

Manufacturer: Precision
Part No.: 10-5256-1
Total Time: _____

DATE June 17, 2010

J & J Leasing

HA-6

TEST & NOTIFY _____

TOTAL LABOR HOURS 1.0

parts listed below.
service manual

Description of Work Performed:

Performed a repair. Dissassembled. Cleaned.
Inspected. Replaced parts listed on component
work order number 10-185. Set float level.
clw SB's and AD's. Tested. Returned unit to
service per Precision service manual FSM-044.

Additional details of work performed on the attached Work Order No. 20406
The above article is approved for return to service, to the extent of the work performed.

Jaya Kerg
Signature

ATP3443683 June 18, 2010
Certificate No. Date

Arizona Air-Craftsman, 2020 Clubhouse Drive Prescott, AZ 86301 928-717-1680

Notes

ADS AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
SB-11.	clw.		
SB-10.	clw.		
SB-6.	Plc/clw.		
SB-5.	clw.		
SB-3.	N/A to P/N.		
SB-2.	clw.		

PARTS LIST:

Qty.	P/N	Qty.	P/N	Qty.	P/N
1	666-1001 Float Kit				
1	AV16-A108 Gasket				
1	16-B302 Gasket				
1	16-B322 Gasket				
2	AV28-A111 washers				
1	78-A299 washer				
1	82-14 Pin				
1	44-221 O-ring				

NOTE: Additional information may be found on the back of this document.

Robert L. Jan June 17, 2010
MECHANIC DATE

Jaya Kerg June 18, 2010
INSPECTOR DATE
ATP3443683

AC Assigned W/O# 20406
Form107.component work order.wpd

REV 08:00

10-185

COMPONENT WORK ORDER

W/O# 09-236

DATE 6-25-09

Component Carburetor
 Manufacturer Precision
 Part Number 10-5256
 Serial # DO-2-171

Customer Name Northaire
 Customer PO# _____
 Model HA-6
 Time on Unit _____

WORK NEEDED: OVERHAUL ☒ REPAIR _____ TEST ONLY _____ TEST & NOTIFY _____

WORK PERFORMED:

Dissassembled. Cleaned. Inspected. Replaced parts listed below.
Tested. Returned unit to service per Precision Service manual
FSM-084

TOTAL LABOR HOURS 2.5

FUNCTION TEST:

Test Name					Notes
float level.				Pass	

ADS AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
MSA-13. c/w		SBA1-79. N/A to P/W.	
AD 94-25-04 MSA-6. N/A to P/W.		SBA2-78. N/A to P/W.	
MSA-321. c/w.		SBA1-78. N/A to P/W.	
SBA1-82. not at this time.		SBA1-71. N/A to P/W.	
SBA1-81 N/A to S/W.		Sil MS-14. c/w.	
SBA2-79. N/A to P/W.			

PARTS LIST:

Qty.	P/N	Qty.	P/N	Qty.	P/N
2	44-220 - O-Ring	1	16-762 Gasket kit		
1	44-221 O-Ring	1	233-699 Valve		
1	44-224 O-Ring				
2	AV55-255 Retainer				
2	AU60-A160 Bushing				
2	AU78-A111 washer				
2	82-14 Pin				
1	666-1001 Float kit				

NOTE: Additional information may be found on the back of this document.

Rolando L. Jimenez 7-10-09
 MECHANIC DATE

Jayce Keiger 7-10-09
 INSPECTOR DATE
 #A1526683965

AC Assigned W/O# 19696

Form107.component work order.wpd

REV. 08/00

09-236

Maintenance Release

Description: Carburetor Manufacturer: Precision
 Model: HA-6 Part No.: 10-5256
 Serial No.: PO-2-171 Total Time: _____

DATE 6-25-09

Description of Work Performed:

Performed an overhaul. Dissassembled.
Cleaned. Inspected. Replaced parts listed
on component work order number 09-236.
Set float level. clw SB's and AD's.
Tested. Returned unit to service per
Precision service manual FSM-044.

NorthaireHA-6

ONLY _____ TEST & NOTIFY _____

Additional details of work performed on the attached Work Order No. 19696
 The above article is approved for return to service, to the extent of the work performed.

TOTAL LABOR HOURS 2.5
ed parts listed below.
recision service manual

Jaya Kerg
 Signature

ATP526683969 7-10-09
 Certificate No. Date

Arizona Air-Craftsman, Inc. 2020 Clubhouse Drive Prescott, AZ 86301 928-717-1680

Notes

float level.				Pass	
--------------	--	--	--	------	--

ADS AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
MSA-13. clw		SB A1-79. N/A to P/W.	
AD 94-25-04 MSA-6. N/A to P/W.		SBA2-78. N/A to P/W.	
MSA-3 RI. clw.		SBA1-70. N/A to P/W.	
SB A1-82. not at this time.		SBA1-71. N/A to P/W.	
SBA-1-81 N/A to S/W.		Sil MS-14. clw.	
SBA2-79. N/A to P/W.			

PARTS LIST:

Qty	P/N	Qty	P/N	Qty	P/N
2	44-220 - O-Ring	1	16-762 Gasket kit		
1	44-221 O-Ring	1	233-699 Valve		
1	44-224 O-Ring				
2	AV55-255 Retainer				
2	AU60-A160 Bushing				
2	AU78-A111 washer				
2	82-14 Pin				
1	666-1001 Float kit				

NOTE: Additional information may be found on the back of this document.

Robert L. Jones 7-10-09
 MECHANIC DATE

Jaya Kerg 7-10-09
 INSPECTOR DATE
ATP526683969


AC Assigned W/O# 19696
 Form 107 component work order.wpd

REV. 08/00

09-236

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

Make: Lycoming
 Model: TO-360-E1A6D
 S/N: L-102-73
 Reg. Number: N258RM

Date: 02/25/2013
 Tach: 2590.83 
 Hobbs: 2138.6

JETSTREAM
 AVIATION

3653 Rickenbacker Street, Suite 212
 Boise, ID 83705
 208-345-3730

LH Engine log

Drained oil and replaced filter with an AA48103-2 filter. Opened and inspected old filter - no excessive contamination noted. Added 6 qts of Exxon Elite 20W-50. Complied with AD 08-04-03 R2, Oil added contains anti-scutting additive. Engine run-up and leak check satisfactory, no defects noted on work performed. This aircraft and/or component(s) identified above was repaired and/or inspected per current Regulations of the Federal Aviation Administration and found to be airworthy with respect to the work performed, subsequently approved to return to service.

Trevor R.T. Davidson
 A&P 3606080



ENGINE MODEL: TO-360-E1A6D
 ENGINE S/N (L): L-102-73
 REG. NO: N258RM
 WORK ORDER: 0130-10-2013

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
 Boise, ID 83709
 Phone: 208-345-3730

DATE: 11/22/2013
 A/C TSN: 5652.4
 ENG TT (L): 1891
 TSMOH (L): 1891
 TACH: 2634.1

Left Engine Entries

- 14 Installed new rings, honed cylinder. Installed cylinder with new gasket kit. In reference to Lycoming O/H Manual P/N: 60294-9-2
- 16 Replaced oil screen on LH Engine in reference to Lycoming O/H Manual P/N: 60294-9-2
- 37 Performed a 100Hr/Annual Inspection using a checklist meeting the requirements of FAR 43 appendix D. Replaced filter with a AA 48103-2 filter. Opened and inspected filter - no excessive contamination noted. Cleaned and gapped spark plugs. Checked compressions as follows: #1-74/80 #2-77/80 #3-0/80 #4-75/80. Serviced with Exxon Elite 20W50 oil. Ground run leak check satisfactory. No defect noted on work performed. All applicable ADs in effect on this date. I certify that this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/22/2013

SIGNED: 

Work Order: 0130-10-2013

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ENGINE MODEL:
 LTO-360-E1A6D
 ENGINE S/N (R): L-102-74
 REG. NO: N258RM
 WORK ORDER:
 0191-03-2014

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
 Boise, ID 83705
 Phone: 208-345-3730

DATE: 3/6/2014
 A/C TSN: 5687.8
 ENG TT (R): 5945.4
 TSMOH (R): 1926.4
 TACH: 2683.6

Right Engine Entries

- (1) Drained oil and replaced filter with an AA48103-2 filter. Opened and inspected old filter - no excessive contamination noted. Added 6 qts of Exxon Elite 20W-50. Complied with AD 08-04-03 R2, Oil added contains anti-scutting additive. Engine run-up and leak check satisfactory, no defects noted on work performed.

Maintenance Release

The engine and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 3/6/2014

SIGNED: 

Work Order: 0191-03-2014

Paul Connell, A&P: 3356482

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ENGINE MODEL: TO-360-E1A6D
 ENGINE S/N (L): L-102-73
 REG. NO: N258RM
 WORK ORDER: 0216-04-2014

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
 Boise, ID 83705
 Phone: 208-345-3730

DATE: 5/20/2014
 A/C TSN: 5751.2
 ENG TT (L): 6008.8
 TSMOH (L): 1989.8
 TACH: 2732.9

Left Engine Entries

Performed a 100Hr/Annual Inspection using a checklist meeting the requirements of FAR 43 appendix D. Replaced filter with a AA 48103-2 filter. Opened and inspected filter - no excessive contamination noted. Cleaned and gapped spark plugs. Checked compressions as follows: #1-74/80 #2-76/80 #3-72/80 #4-75/80. Serviced with Exxon Elite 20W50 oil. Complied with AD 08-04-03 R2, Oil added contains anti-scutting additive due in 50Hrs. All applicable ADs in effect on this date. Ground run leak check satisfactory. No defect noted on work performed. I certify that this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/20/2014

SIGNED: 

Brian J. Glenn, A&P: A&P3403551A

Work Order: 0216-04-2014

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ENGINE MODEL:
TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER:
0249-07-2014

JETSTREAM Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 8/6/2014
A/C TSN: 5789.7
ENG TT (L): 6047.3
TSMOH (L): 2028.3
TACH: 2771.4

Left Engine Entries

Replaced LH Mag harness with overhauled Harness P/N: A6610BS, and replaced bottom spark plugs with P/N: URHM38S. Work done Referencing Overhaul Manual P/N: 60294-7, Section 4.... Replaced cylinder assembly P/N: ST-CL-420, referencing Overhaul Manual P/N: 60294-7, Section 6 and Section 10.... Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Phillips 20W-50 X/C.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 8/6/2014

SIGNED: 

Work Order: 0249-07-2014

Trevor R.T. Davidson, A&P: 3606080

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ENGINE MODEL:
TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER:
0275-08-2014

JETSTREAM Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 8/15/2014
A/C TSN: 5800.4
ENG TT (L): 6058
TSMOH (L): 2039
TACH: 2782.1

Left Engine Entries

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Aero Shell W100+.... Replaced filter P/N: AA48103-2. cut and inspected old oil filter no contaminants noted

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 8/15/2014

SIGNED: 

Work Order: 0275-08-2014

Trevor R.T. Davidson, A&P: 3606080

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER:
0282-09-2014

JETSTREAM Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 9/3/2014
A/C TSN: 5828.8
ENG TT (L): 6086.4
TSMOH (L): 2067.4
TACH: 2810.5

Left Engine Entries

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Exxon elite 20W-50 plug. oil complies with AD 08-04-03 R2. Run up and leak check satisfactory, no defects noted

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/3/2014

SIGNED: 

Work Order: 0282-09-2014

Trevor R.T. Davidson, A&P: 3606080

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MAKE: Piper
MODEL: Pa-44-180T
S/N: 44-8107029
REG. NO: N258RM
WORK ORDER:
0294-09-2014

JETSTREAM Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

SIMOH 2088.9

DATE: 10/22/2014
A/C TSN: 5846.5
TACH: 2820.2

2832.0

Airframe Entries Left Engine

Performed a 100 hour inspection using a checklist that exceeds the standard set forth in AC43.13 appendix D. Drained oil from LH engine and replaced with 6 quarts of 20W50 Elite. Removed, opened and inspected filter. No excessive contaminants noted. Replaced oil filter with AA48103-2. All applicable ADs have been complied with at this time.... Re wire-tied wiring harnesses on LH engine.... Re-Connected the noise filter on LH starter.... Re-connected LH primer ground wire.... Replaced intake seal on LH engine #4 cylinder.... Re-torqued LH engine sump referencing the Lycoming Torques and Limits SSP-1776.... Replaced Brackett air filter element BA-3505 on Left engine.

Performed operational and leak checks as applicable on the components and/or engine identified above installed on N258RM and no defects were noted.

Maintenance Release

The engine and/or component(s) on N258RM was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and was found Airworthy for return to service.

DATE: 10/22/2014

SIGNED: 

Work Order: 0294-09-2014

Paul Cornell, A&P: 3356482

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ENGINE MODEL: TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER: 0389-03-2015

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 3/12/2015
A/C TSN: 5899.1
ENG TT (L): 6156.7
TSMOH (L): 2137.7
TACH: 2880.8

Left Engine Entries

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Exxon elite 20W-50 plug. oil complies with AD 08-04-03 R2. Run up and leak check satisfactory, no defects noted

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 3/12/2015

SIGNED:

Brian J. Glenn, A&P: A&P34035351A

Work Order: 0389-03-2015

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ENGINE MODEL: TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER: 0434-05-2015

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 6/24/2015
A/C TSN: 5910.7
ENG TT (L): 6168.3
TSMOH (L): 2149.3
TACH: 2892.4

Left Engine Entries

Performed a 100Hr/Annual Inspection using a checklist meeting the requirements of FAR 43 appendix D Replaced filter with a AA 48103-2 filter. Opened and inspected filter - no excessive contamination noted. Cleaned and gapped spark plugs, Checked compressions as follows: #1. 70/80 #2. 78/80 #3. 78/80 #4. 70/80. All applicable ADs in effect on this date. Ground run leak check satisfactory, No defect noted on work performed. I certify that this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 6/24/2015

SIGNED:

Brian J. Glenn, A&P: A&P34035351A

Work Order: 0434-05-2015

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ENGINE MODEL:
TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER:
0446-06-2015

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 6/27/2015
A/C TSN: 5910.7
ENG TT (L): 6168.3
TSMOH (L): 2149.3
TACH: 2897.8

Left Engine Entries

Replaced engine oil with Aeroshell W100 Plus. Referencing SI 1014M. Oil complies with AD 80-04-03 R2.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 6/27/2015

SIGNED:

Trevor R.T. Davidson, A&P: 3606080

Work Order: 0446-06-2015

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ENGINE MODEL: TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER: 0483-09-2015

JETSTREAM Jetstream Aviation

3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 9/8/2015
A/C TSN: 5957.5
ENG TT (L): 6215.1
TSMOH (L): 2196.1
TACH: 2939.2

Left Engine Entries

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Aeroshell W100 plus plug. oil complies with AD 08-04-03 R2. Run up and leak check satisfactory, no defects noted

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/8/2015

SIGNED:

Brian J. Glenn, A&P: A&P34035351A

Work Order: 0483-09-2015

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: TO-360-E1A6D
ENGINE S/N (L): L-102-73
REG. NO: N258RM
WORK ORDER: 0517-11-2015

JETSTREAM Jetstream Aviation
3591 Rickenbacker St
Boise, ID 83705
Phone: 208-345-3730

DATE: 12/9/2015
A/C TSN: 6005
ENG TT (L): 6262.6
TSMOH (L): 2243.6
TACH: 2986.7

Left Engine Entries

Performed a 100Hr/Annual inspection using a checklist meeting the requirements of FAR 43 appendix D Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. Serviced with 6 qts of Exxon elite 20W-50 oil complies with AD 08-04-03 R2 due every 50hrs. Cleaned and gapped spark plugs, Checked compressions as follows: #1. 75/80 #2. 76/80 #3 77/80 #4 76/80. All applicable ADs in effect on this date. Ground run leak check satisfactory. No defect noted on work performed.

Removed left exhaust system and sent out to Knisely for repair installed Exhaust after repair in reference to Lycoming OM P/N: 60294-7 and SSP-1776. I certify that this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Release

The aircraft and/or component(s) on N258RM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 12/9/2015

SIGNED:

Brian J. Glenn, A&P: A&P34015351A

Work Order: 0517-11-2015

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4-20-17 TACH 3005.8 Compression #1-74 #2-64 #3-78 #4-72
Installed all new RHB 37E spark plugs. Oil and
filter not changed due to only 3.4 hrs since oil change
Inspected exhaust and intake systems. Inspected
engine controls. Eldon Holtz APP 3617647

Date 4-20-17 Aircraft TACH Total Time 3005.8
I Certify That This POWER PLANT Has
Been Inspected In Accordance With An
ANNUAL Inspection And Been
Determined To Be In Airworthy Condition.
Eldon Holtz IA 3617647
Signature Certificate No.

7-10-17 Changed oil and filter
TACH 3066.3 Eldon Holtz APP 3617647

5-13-18 TACH 3148.5 Compression #1-72 #2-68 #3-76 #4-72
cleaned gapped rotated plugs. changed oil and filter
Inspected exhaust and intake system.
Eldon Holtz APP 3617647

Date 5-13-18 Aircraft TACH Total Time 3148.5
I Certify That This POWER PLANT Has
Been Inspected In Accordance With An
ANNUAL Inspection And Been
Determined To Be In Airworthy Condition.
Eldon Holtz IA 3617647
Signature Certificate No.

2-11-19 TACH 3197.2
changed oil and filter c/w AD80-04-03R2
Eldon Holtz APP 3617647

CLOSED
3-30-19