

### ENGINE DATA

1. Make LYCOMING
2. Model HTO-360-EI4D
3. Specification
4. Manufacturer's Serial Number L-203-74
5. Date of Manufacture



# Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL

DESCRIPTION OF WORK PERFORMED:  
(INSPECTION, REPAIRS, REPLACEMENT)

3-30-19 TACH 3233.7 Compression #1-75 (#2-30) #3-76 #4-76  
Removed #2 cylinder and had repaired by  
ACE Inc. Reinstalled cylinder. Changed oil  
filter AA48103-2 and C/W AD80-04-03R<sup>2</sup> by  
using aeroshell 15W50 oil. Inspected  
exhaust and intake system.  
Eldon Holtz APP 361764

Date 3-30-19 Aircraft Total Time 3233.7  
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 APP 3617647  
Signature Certificate No.

6-22-19 TACH 3274.1 Changed oil and filter with a  
AA48103-2 oil filter and C/W AD80-04-03R<sup>2</sup>  
SMO 2531.0 by using aeroshell 15W50 oil.  
Eldon Holtz APP 361764

4-26-20 TACH 3275.1 Compression #1-70 #2-72 #3-74 #4-78  
clean gapped, rotated plugs, changed oil filter  
and oil C/W AD80-04-03R<sup>2</sup> by using 15W50  
aeroshell oil. Eldon Holtz APP 3617647

Date 4-26-20 Aircraft Total Time 3275.1  
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 APP 3617647  
Signature Certificate No.

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TOTALS

PREVIOUS  
TOTALS

TOTALS  
SINCE NEW

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NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

3-28-21 TACH 3320.1

changed oil & filter with a 48/03-2 filter, and  
c/w AD80-04-03R<sup>2</sup> by using aeroshell 15w50 oil  
Eldon Holtz ATP 3617647

4-20-21 TACH 3327.5

compression #1-78 #2-78 #3-78 #4-79 cleaned, gapped and  
rotated plugs, changed oil and filter, c/w AD80-04-03R<sup>2</sup>  
by using aeroshell 15w50 oil, inspected intake, exhaust  
and engine controls. Eldon Holtz ATP 3617647Date 4-20-21 Aircraft ~~Total~~ Time 3327.5I Certify That This POWER PLANT Has  
Been Inspected In Accordance With AnANNUAL Inspection And Been  
Determined To Be In Airworthy Condition.Eldon Holtz  
SignatureATP 3617647  
Certificate No.

8-25-2021

Changed oil and filter with  
A AA48/03-2 filter and c/w  
AD 80-04-03R<sup>2</sup> by using Aero-  
Shell 15w-50 oil.

Todd Jend ATP 3395077

12-19-21 TACH 3417.2 compression #1-78 #2-78 #3-78 #4-78 Inspected  
exhaust and exhaust system, c/w AD 80-04-03R<sup>2</sup> by using aeroshell  
15w50 oil  
Eldon Holtz ATP 3617647Date 12-19-21 Aircraft ~~Total~~ Time 3417.2I Certify That This POWER PLANT Has  
Been Inspected In Accordance With An100HR Inspection And Been  
Determined To Be In Airworthy Condition.Eldon Holtz  
SignatureATP 3617647  
Certificate No.



# 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	
3-26-22	TACH		3474.3				changed oil and filter. C/w AD 80-04-2 by using aeroshell 15W 50 oil. Eldon Holt APP 361764
5-10-22	TACH		3504.8				compression #1-66 #2-72 #3-72 #4-78 cleaned gapped rotated plugs. Inspected exhaust intake engine controls. changed oil filter C/w AD 80-04 by using aeroshell 15W 50 oil. Eldon Holt APP 361764
Date <u>5-10-22</u> Aircraft Total Time <u>3504.8</u> I Certify That This <u>POWERPLANT</u> Has Been Inspected In Accordance With An <u>ANNUAL</u> Inspection And Been Determined To Be In Airworthy Condition. <u>Eldon Holt</u> Signature <u>143617647</u> Certificate No.							
8-26-22	TACH		3557.5				changed oil and complied with AD 80-04-03 R2 by using aeroshell 15W-50 oil. Eric Rinderson APP 4469607
10-02-22	TACH		3600.2				compression #1-68 #2-78 #3-68 #4-78 cleaned gapped rotated plugs. Changed oil filter and C/w AD 80-04-03 R2 by using aeroshell 15W oil changed air filter Eldon Holt APP 3617647
Date <u>10-02-22</u> Aircraft Total Time <u>3600.2</u> I Certify That This <u>POWERPLANT</u> Has Been Inspected In Accordance With An <u>100HR</u> Inspection And Been Determined To Be In Airworthy Condition. <u>Eldon Holt</u> Signature <u>APP 3617647</u> Certificate No.							
THIS PAGE TOTALS							
PREVIOUS TOTALS							
TOTALS SINCE NEW							

CARRY FORWARD to Top of Next Page



NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

12-19-22 TACH 3644.8

Installed repaired/overhauled turbo L/W 46264  
S/N H-WHH00179. Runup adjusted.

Eldon Hotz APP 3617647

12-19-22 TACH 3644.8

Changed oil filter and oil. C/W AD 80-04-03R<sup>2</sup> by  
using crosswell 15W50 oil

Eldon Hotz APP 3617647

2-20-23 TACH 3655.7

Replaced mag with overhauled mag.  
P/N 10-682555-13 S/N H149810 CR. Ops checked good.

Eldon Hotz APP 3617647

5-15-23

TACH 3656.0 compression upper 60 and lower 70's. Inspected  
exhaust & intake systems. No oil change due at this  
time

Eldon Hotz APP 3617647

Date 5-15-23 Aircraft Total Time 3656.0

I Certify That This POWER PLANT Has

Been Inspected In Accordance With An

ANNUAL

Inspection And Been

Determined To Be In Airworthy Condition.

Eldon Hotz

LA3617647

Signature

Certificate No.

6-18-23 TACH 3658.0

C/W AD 8023-09-09 Exhaust pipe V Band  
by visual. no defects found.

Eldon Hotz APP 3617647

## ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

8/15/02 HRMT: 287.2 ACTT: 2910.9  
 These logs have been brought up from  
 previous logs. J. J. Umell 526475413 A

8/28/02 Tach: 288.3 SMOH: 767.1  
 Removed CARB PIN- 10-5256 SIN- D05274  
 AND INSTALLED NEWLY OIL UNIT PIN 10-5256-1  
 SIN- D02202, Ground Run ops AND LEAK INSPECTION  
 Good. WO#302 J. J. Umell 526475413 A

## 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

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

526475413 A&P

9/25/02 HRMT: 366.2  
 Installed TIT Pre-B PIN- 86113, Ground  
 Run ops V Good. J. J. Umell  
 526475413 A

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 AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.



8/15/02 HRMT: 287.2 ACT: 290.9  
These logs have been brought up from  
Previous logs. J. J. Amell 526475413 AOK

8/28/02 Tach: 288.3 SMTH: 767.1  
REMOVED CARB PIN- 10-5256 SIN- D05274  
AND INSTALLED NEWBY OIL UNIT PIN 10-5256-1  
SIN- D02202, GROUND RUN OPS AND LEAK INSPECTION  
Good. WO#302 J. J. Amell 526475413A.

## ENGINE

September 13, 2002

N8154H PA44-180T S/N-44-8107001 HRMT:

Changed oil and filter inspected filter and sump  
oil, AD 80-04-03R2 C/W, ground run ops and

Signed

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

9/25/02 HRMT: 30  
Installed TIT PA  
Run ops ✓

THIS DOCUMENT IS A PERMANENT  
AND WILL REMAIN WITH THE

<p>Notes that unless otherwise specified in block 13, the work identified in Block 12 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 release to service.</p>	
<p>Authorized Signature:</p> <p><i>[Signature]</i></p>	<p>21. Approval/Certificate No.</p> <p>PO0111NM</p>
<p>Name (Typed or Printed)</p> <p>J. J. Amell</p>	<p>23. Date: (M/D/Y)</p> <p>08-27-02</p>
<p>Installer must cross check eligibility with applicable technical data</p>	
<p>Other Responsibilities</p>	
<p>Constitute authority to install the part/component/assembly, authority different that the Airworthiness Authority of the country specified in block 13/components/assemblies from the Airworthiness Authority of the country specified</p>	
<p>Maintenance records must contain an installation certification issued in accordance</p>	

NSN:0052-00-012-9005

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**R/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 73/80 #3 71/80 #4 72/80, 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.

526475413 IA

**RIGHT ENGINE**

October 18, 2002

N8154H PA44-180T S/N-44-8107001 HRMT: 417.8 ACTT: 3014.8 SMOH: L/R  
897.1 PSMOH: 486.2

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, ground run ops and leak inspection good.

Signed

  
Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

526475413 A&amp;P

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AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.



## R/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 74/80 #2 76/80 #3 77/80 #4 77/80, 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

526475413 IA

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

## RIGHT ENGINE

November 18, 2002

N8154H PA44-180T S/N-44-8107001 HRMT: 503.3 ACTT: 3127.3 SMOH: L/R  
982.6 PSMOH: 571.7

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 , reinstalled mag timed to engine. Ground run ops and leak inspection good.

**Signed**

526475413 A&amp;P

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

12-3-07 removed right engine magnetos, C/W 500HR magnetin  
of mag, C/W A.D. 96-2-07 per MSB 645, reinstalled mag.  
runup and leak checks good. W.O. 13834 Jatter 2MSB029M

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS


## R/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 76/80 #2 60/80 #3 74/80 #4 68/80, 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

Right

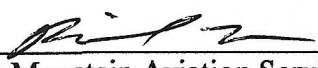
~~LEFT~~ ENGINE

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 LW 16702 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&amp;P

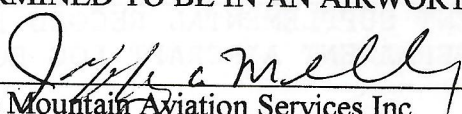
## R/H ENGINE

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 76/80 #2 72/80 #3 72/80 #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

IRCRAFT



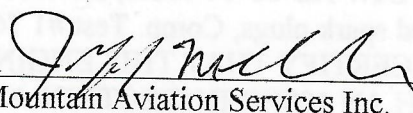
ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDS

**RIGHT ENGINE**

January 17, 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 LW16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

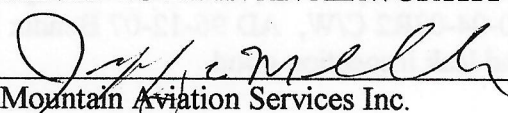
Signed  2664275 A&P  
Granite Mountain Aviation Services Inc.  
6543 Crystal LN Prescott AZ 86301

**R/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 72/80 #3 72/80 #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.

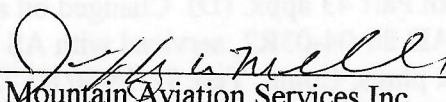
Signed  526475413 IA  
Granite Mountain Aviation Services Inc.  
6543 Crystal LN Prescott AZ. 86301

**RIGHT 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 LW16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

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

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**R/H ENGINE**

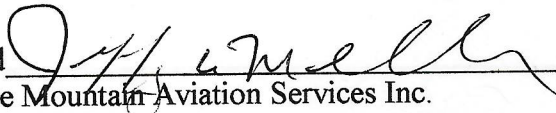
April 25, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 841.0 ACTT 3465.0 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 76/80 #2 72/80 #3 72/80 #4 75/80, inspected mag timing, Replaced all intake gaskets and lower intake 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

  
Granite Mountain Aviation Services Inc.

526475413 IA

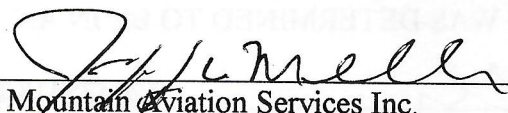
**RIGHT ENGINE**

May 21, 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 LW16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed

  
Granite Mountain Aviation Services Inc.

526475413 A&amp;P

6543 Crystal LN Prescott AZ 86301

**R/H ENGINE**

June 11, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 942.3 ACTT 3548.3 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 78/80 #2 72/80 #3 73/80 #4 74/80, inspected mag timing, Replaced lower turbo gasket P/N-LW18038 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.

526475413 IA

6543 Crystal LN Prescott AZ. 86301

AIRCRAFT



RIGHT ENGINE

June 30, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 974.4 ACTT: 3598.4 SMOH: 1453  
PSMOH: 1024.8 R/PSMOH: 133.4

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, Ground run ops and leak inspection  
good.

Signed

526475413 A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

R/H ENGINE

July 24, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 1019.6 ACTT:3643.6 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 78/80 #2 72/80 #3  
76/80 #4 74/80, inspected mag timing, Removed Turbo P/N-LW-16264 S/N-HS0107 and  
installed O/H Turbo P/N-LW 16264 S/N-XKL06668, 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

526475413 IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

It is important to unde  
here the user/install  
staller ensures that  
stallation certificac

FORM 8130-3 (I

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AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

## ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

## RIGHT 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: 133.4Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus  
oil with LW16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection  
good.

Signed

526475413 A&amp;P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

July 24, 2003

N8154H PA 44-180

Left PSMOH: 1088

Completed 100HR

filter inspected oil

Plus oil with additiv

76/80 #4 74/80, ins

installed O/H Turb

performed. I CERT

WITH AN 100HR

AIRWORTHY CC

Signed

Granite Mountain

6543 Crystal LN

ALTERNATE APPROVED PART NUMBER: LW16264

FULL DETAILS HELD ON WORK ORDER 23964

OVERHAULED IN ACCORDANCE WITH: TP20-0129

13. Remarks:

6. Item:	1	GARRETT TURBOCHARGER	LW16264	N/A	
7. Description:	8.	Part Number:	9.	Eligible	
4. Organization Name and Address:	1545 E. Acequia Visalia, CA 93292 USA USA Approved Turbo Components, Inc.	FAA Approved (800)523-4747			
1. Approving National Aviation Authority/Country	2.	FAA/United States			

FAA Form 8130-3, AIRWORTHINESS

AUTHORIZED RELEASE

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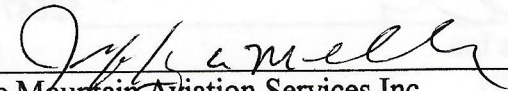
ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT RECORDS**RIGHT ENGINE**

August 12, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1070.4 ACTT: 3694.0 SMOH: 1599.3  
PSMOH: 1075.2 R/PSMOH: 183.8

Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW16702 additive, AD 80-04-03R2 C/W, Removed turbo P/N-LW16264, S/N-XKL-06668, and installed turbo, P/N-465398-9002, S/N-FDR02354 Ground run ops and leak inspection good.

Signed

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

526475413 A&amp;P


**R/H ENGINE**

September 9, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 1120.0 ACTT:3746.0 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 74/80 #2 76/80 #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 A 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

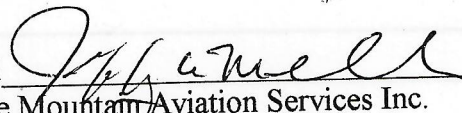
**RIGHT ENGINE**

September 30, 2003

N8154H PA44-180T S/N-44-8107001 HRMT: 1169.9 ACTT: 3793.9 SMOH: 1649.2  
PSMOH: 1175.2 R/PSMOH: 283.8

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, Ground run ops and leak inspection good.

Signed

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

526475413 A&amp;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**R/H ENGINE**

October 17, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 1217.1 ACTT:3841.1 SMOH:1696.4

Left PSMOH: 1287.1 Right PSMOH: 377.7

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 7280 #2 71/80 #3 72/80 #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  526475413 IA

Granite Mountain Aviation Services Inc.

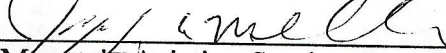
6543 Crystal LN Prescott AZ. 86301

**RIGHT 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: 381.0

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, Ground run ops and leak inspection good.

Signed  526475413 A&P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

**R/H ENGINE**

October 17, 2003

N8154H PA 44-180T S/N-44-8107001 HrMt: 1217.1 ACTT:3841.1 SMOH:1696.4

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 7280 #2 71/80 #3 70/80 #4 73/80, 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  526475413 IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

AIRCRAFT



## ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

## RIGHT 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 LW16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.

Signed

2664275 A&amp;P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

1-7-04 HRMT: 1395.3 ACTT: 4019.3 SMOH: 1874.6  
Engine TT: 4019.3Removed This Engine LTO-360-E1A6D S/N-L-203-74  
From PA44-180T N8154H S/N-44-8107001.J. H. M. Allen  
526475413 A&PENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
REG. NO: N258RM  
WORK ORDER:  
0275-08-2014**JETSTREAM**

Jetstream Aviation

3591 Rickenbacker St  
Boise, ID 83705  
Phone: 208-345-3730DATE: 8/15/2014  
A/C TSM: 5800.4  
ENG TT (R): 6058  
TSMOH (R): 2039  
TACH: 2782.1

## Right 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+. oil complies with AD 08-04-03 R2... adjusted oil pressure regulator Referencing overhaul Manual P/N:60294-7, Section 9

## 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

Paul Cornell, A&amp;P: 3356482

Work Order: 0275-08-2014

Printed by EBis 3 (datamedia.com)

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

2005-12-22-06  
Engine Total Time 14092.00  
Engine Time Since MRO 00.00

### Logbook Entry

#### Lycoming LTO-360-E1A6D S/N L-203-74

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 inspected, repaired, overhauled, and certified by One Stop Aviation, Inc. CRS# XR3R981L. 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:

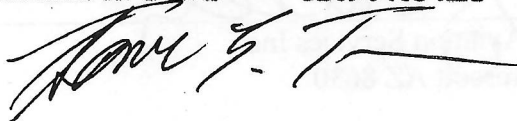
Main bearings, Counterweight rollers, retaining plates and snap rings, Connecting rod bearings, Connecting rod bolts, Connecting rod bolt nuts, Crankshaft gear bolt, Hydraulic lifters, Oil pressure relief ball, Oil pressure relief spring, Piston pins, Piston rings, Pistons, Intake and exhaust valves, 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





## ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

## Right Engine

January 5, 2007

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

Engine LTO-360 E1A6D S/N-L-203-74, Engine TT: 4019.00 SMOH: 0.0

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

Served 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&amp;P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ 86301

## Right 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), Served with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed.

Signed \_\_\_\_\_

526475413 A&amp;P

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

## Right Engine

March 13, 2007

N258RM PA44-180T S/N-44-8107029 <sup>TACH</sup> Tach: 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 74/80 #2 76/80 #3 78/80 #4 76/80. 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 8630

## Right 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), Served with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed.

Signed: Thomas L. Town \_\_\_\_\_

5264964634IA

Granite Mountain Aviation Services Inc.

6543 Crystal LN Prescott AZ. 86301

AFT

April 20, 2007

N258RM PA44-180T S/N-44-8107029 Hours: 717.7, 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 68/80 #2 75/80 #3 78/80 #4 72/80. 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

*[Signature]*  
Granite Mountain Aviation Services Inc.  
6543 Crystal LN Prescott AZ 8630

526475413IA

4-24-07 REMOVED BENDIX 10-682555-13 S/N 30507 <sup>FEET</sup>  
MAGNETO AND INSTALLED SERVICEBINE BENDIX 10-682555-13  
MAGNETO S/N D049501. INSTALLED MAGNETO IN COMPLIANCE  
WITH 500 HR. INSPECTION AND A.D. # 05-12-06.  
TACH TIME 926.60 Hours *[Signature]* 526964634IA

## Right 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

*[Signature]*

526964634IA

Granite Mountain Aviation  
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.



ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS

## Right Engine

May 30, 2007

N258RM PA44-180T S/N-44-8107029 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 78/80 #2 72/80 #3 74/80 #4 76/80. Removed part # 486-483 fuel pressure sending unit S/N 37469 and installed new part # 486-483 sending unit S/N 37476. 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

## Right 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

## Right Engine

July 18, 2007

N258RM PA44-180T S/N-44-8107029 TACH: 1111.80 ACTT: 4130.10 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 76/80 #2 72/80 #3 76/80 #4 77/80. 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

**Right 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  
Granite Mountain Aviation, L.L.C.  
6543 Crystal LN Prescott AZ. 86301  
928-443-8509

526964634IA

**Right Engine**

October 2, 2007

N258RM PA44-180T S/N-44-8107029 Tach: 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 78/80 #2 70/80 #3 77/80 #4 77/80. 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

**Right 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  
Granite Mountain Aviation, L.L.C.  
6543 Crystal LN Prescott AZ. 86301  
928-443-8509

526964634IA

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**Right Engine**

December 10, 2007

N258RM PA44-180T S/N-44-8107029 ~~Hobbs~~ <sup>TACH</sup> 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 76/80 #2 70/80 #3 74/80 #4 74/80. Cleaned and gapped all spark plugs. Removed #2 and replaced with rebuilt unit supplied by Gibson Aviation CRS # AV2R704K. See yellow tag 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

Signed: Thomas L. Town

526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

**Right 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. Replaced #1 cylinder intake tube flange gasket. 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

**Right Engine**

February 13, 2008

N258RM PA44-180T S/N-44-8107029 ~~Hobbs~~ <sup>TACH</sup> 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 74/80 #2 73/80 #3 74/80 #4 74/80. Cleaned and gapped all spark plugs. Removed Lamar part # PM1204 starter s/n 85003319 and installed SkyTec part # 149-NLR starter s/n FNR-510708. Replaced #3 cylinder rocker cover gasket. Replaced #1 cylinder induction tube clamp. 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

526964634L

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

Granite Mountain Aviation, L.L.C.  
6543 Crystal Lane  
Prescott, Arizona 86301  
928-443-8509

Date: 2-13-08  
Tach Time: 1401.40  
Total Time: 4419.70  
Time SMOH: 658.30

Removed part # 486-483 fuel transducer s/n 37476 and installed new part # 486-483 fuel transducer s/n 39544. Run up check ok, all functions normal.

Thomas L. Town  
526964634IA

### Right 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  
Granite Mountain Aviation, L.L.C.  
6543 Crystal LN Prescott AZ. 86301  
928-443-8509

526964634IA

### Right Engine

April 1, 2008

N258RM PA44-180T S/N-44-8107029 Tach: 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 74/80 #2 76/80 #3 74/80 #4 76/80. 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

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ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**Right Engine**

April 15, 2008

N258RM PA 44-180T S/N-44-8107029 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 Thomas L. Town 526964634IA  
 Granite Mountain Aviation, L.L.C.  
 6543 Crystal LN Prescott AZ. 86301  
 928-443-8509

**Right Engine**

May 15, 2008

N258RM PA44-180T S/N-44-8107029 <sup>TACH</sup>Hours: 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 76/80 #2 75/80 #3 76/80 #4 74/80. Cleaned and gapped all spark plugs. Replaced #4 cylinder rocker cover gasket and turbo inlet exhaust 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 Thomas L. Town 526964634IA  
 Granite Mountain Aviation, L.L.C.  
 6543 Crystal Lane Prescott, AZ. 86301  
 928-443-8509

**Right 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 Thomas L. Town 526964634IA  
 Granite Mountain Aviation, L.L.C.  
 6543 Crystal LN Prescott AZ. 86301  
 928-443-8509

AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.

DRAFT

Right Engine

July 17, 2008

N258RM PA44-180T S/N-44-8107029 Tach: 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 71/80 #2 74/80 #3 70/80 #4 72/80. Replaced all spark plugs with new. Replaced #4 cylinder with serviceable assembly due to crack. 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

Right 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.

Torqued #3 cylinder exhaust stud into head.

Signed: Thomas L. Town

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

526964634IA

Right Engine

October 10, 2008

N258RM PA44-180T S/N-44-8107029 Tach: 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 73/80 #2 75/80 #3 74/80 #4 78/80. Cleaned and gapped all spark plugs. Replaced # 3 cylinder with serviceable assembly due to crack. Replaced 4 cylinder intake flange 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: John P. Morgan

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

246920618IA



**ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS****Right 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&amp;P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

**Right Engine**

November 18, 2008

N258RM PA44-180T S/N-44-8107029 <sup>TACH</sup>~~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 77/80 #2 76/80 #3 77/80 #4 79/80. Cleaned and gapped all spark plugs. Replaced 4 cylinder intake flange gasket. Removed magneto, set E gap, reinstalled and timed to engine. 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

**Right 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.

Signed: William D. Broome

A&amp;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****Right Engine**

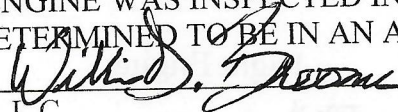
February 6, 2009

N258RM PA44-180T S/N-44-8107029 Hobbs: 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 78/80 #2 73/80 #3 72/80 #4 75/80. Cleaned and gapped all spark plugs. Replaced #1 cylinder intake flange gasket. Replaced #2 cylinder exhaust stud, replaced #2 cylinder baffle screw, replaced missing screw on aft oil cooler heat shield and replaced fuel vent hose. 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



A&amp;P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

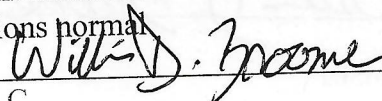
**Right Engine**

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.

Signed: William D. Broome



A&amp;P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

**Right Engine**

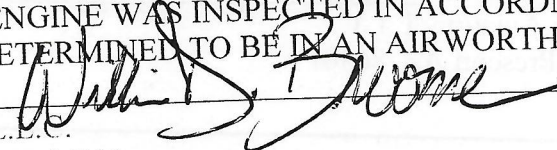
March 30, 2009

N258RM PA44-180T S/N-44-8107029 <sup>TA</sup>Hobbs: 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 78/80 #2 76/80 #3 72/80 #4 76/80. 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: William D. Broome



A&amp;P400922484

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

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PAGE \_\_\_\_\_

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

**Right Engine**

April 30, 2009

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 #1 and #3 cylinder induction tube gaskets. Installed helicoil and replaced exhaust stud and exhaust gasket on #1 cylinder.

Signed: William D. Broome

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

A&P400922484

**Right Engine**

May 20, 2009

N258RM PA44-180T S/N-44-8107029 <sup>TACH</sup> ~~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 71/80 #2 73/80 #3 70/80 #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 AT THIS TIME.

Signed: William D. Broome

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

A&P400922484

**Right 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

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

A&P400922484

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

wrb Right Engine

September 23, 2009

N258RM PA44-180T S/N-44-8107029 Tach: 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 74/80 #2 75/80 #3 76/80 #4 78/80. Replaced fuel drain hose, replaced turbo inlet pipe and flanged slip joint with new, replaced #2 cylinder exhaust flange nut, replaced rocker cover gasket on #2 cylinder, Replaced all spark plugs with new. 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

October 8, 2009, TACH 2288.8

REPLACED INDUCTION TUBE GASKETS OK  
#3 AND #4 CYLINDERS AND TIGHTENED CLAMP  
OK CARB INDUCTION BOOT.

William D. Broome 400922484 A+P

November 4, 2009, TACH: 2319.8

REPLACED RIGHT FUEL SENSOR. Ops + Leak ✓ GOOD  
INSTALLED PL 486-483, S/N 41002

William D. Broome 400922484 A+P

**Right 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.  
6543 Crystal LN Prescott AZ. 86301  
928-443-8509

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PAGE \_\_\_\_\_  
**ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS**

**Right Engine**

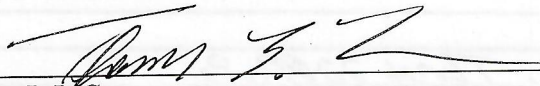
December 10, 2009

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. Inspected magneto timing. Compression test results #1 74/80 #2 75/80 #3 76/80 #4 74/80. Removed #1 cylinder assembly and replaced with serviceable cylinder assembly. Removed Sky Tec starter part # 149-NLR S/N FNR 510708 and replaced with new Sky Tec starter part # 149-NLR S/N FNR-130910. Removed vacuum pump part # 216CW S/N 53586 and installed overhauled vacuum pump part # 216CW S/N 64451 overhauled by AERO ACCESORIES, INC CRS # YV4R688M. See FAA form 8130-3 for details. Replaced #3 cylinder induction tube gasket and replaced #2 cylinder rocker cover gasket.

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



526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

DECEMBER 16, 2009, TACH: 2371.4

REPLACED RIGHT FUEL PRESSURE SENDER WITH  
PN: 486-483, S/N: 33426. OPS + LEAK CHECK GOOD.  
William D. Broome 400922484 A+P

JANUARY 6, 2010, TACH: 2407.0

REPLACED RIGHT FUEL PRESSURE SENDER WITH  
PN 486-483, S/N: 40735. OPS + LEAK CHECK GOOD  
William D. Broome 400922484 A+P

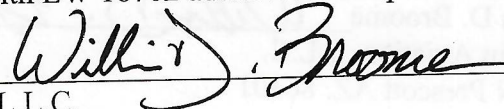
**Right Engine**

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



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**

~~RIGHT ENGINE~~ JAN. 25, 2010, TACH 2428.4  
 REPAIRED BROKEN WIRE TERMINAL ON RIGHT  
 ENGINE FUEL PRESSURE SENDER.  
 Willie D. Brown - 400722984 A+P

6-29-10 Tach 2451.4 removed carb for repair. Reinstalled  
 carb after repair. (see maintenance release dated 6-24-2010 for  
 repair details.) Replaced induction coupling between compressor  
 and carb. Run/stop leak check good. W.O. # 204016  
 John Althoff A+P 3287177

**ENGINE: RH, S/N L-102-73**

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 75/80, #2 73/80, #3 76/80, #4 77/80. #4 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.

 A+P 3007758 JA

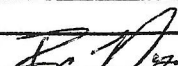
08-11-2011 HOBBS: 1990.7 Tach: 2485.5 SMOH: 1742.4

Removed #2 cylinder from engine for crack, and replaced with serviceable chrome bore cylinder, and installed new ring set. Ground run ops check normal. Aircraft test flown and ops check normal.

 A+P 3007758 JA

12-10-11 HOBBS: 2016.9 TACH: 2506.7 SMOH: 1763.6

Changed Engine oil and oil filter. Inspected oil filter and oil sump screen IAW AD 80-04-03 R2, no contamination found. Serviced w/ 6 quarts Exxon ELITE 20/50 aviation oil to comply w/ AD 80-04-03 R2. Engine ground run, no leaks noted, all ops normal.

 A+P 3007758 JA

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



# Maintenance Release

Description: Carburetor Manufacturer: Precision  
 Model: HA-6 Part No.: 10-5256  
 Serial No.: DO-10-868 Total Time: \_\_\_\_\_

DATE June 17, 2010

J+S Leasing

HA-6

Y \_\_\_\_\_ TEST & NOTIFY \_\_\_\_\_

## Description of Work Performed:

Performed a repair. Dissassembled. Cleaned.  
Inspected. Replaced parts listed on component  
work order number 10-184. Set float level.  
clw SB's and AD's. Returned unit to service  
per Precision service manual FSM-044.

TOTAL LABOR HOURS 1.0

parts listed below.  
on service manual

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.

[Signature]  
 Signature

3021062  
 Certificate No.

6/24/2010  
 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.	P/c/w.		
SB-5.	clw.		
SB-3.	n/a to P/w.		
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	AV78-A111 washer				
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.

[Signature] June 24, 2010  
 MECHANIC DATE

[Signature] 6/24/2010  
 INSPECTOR DATE  
3021062

AC Assigned W/O# 20406

Form107.component work order.wpd

REV. 08.00

CWO# 10-184

## COMPONENT WORK ORDER

DATE June 17, 2010

Component Carburetor  
Manufacturer Precision  
Part Number 10-5256  
Serial # DO-10-868

Customer Name J+S Leasing  
Customer PO# \_\_\_\_\_  
Model HA-6  
Time on Unit \_\_\_\_\_

WORK NEEDED: OVERHAUL \_\_\_\_\_ REPAIR X TEST ONLY \_\_\_\_\_ TEST & NOTIFY \_\_\_\_\_

## WORK PERFORMED:

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

TOTAL LABOR HOURS 1.0

## FUNCTION TEST:

Test Name					Notes
float level				Pass	

## ADs AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
SB-11.	c/w.		
SB-10.	c/w.		
SB-6.	Plc/w.		
SB-5.	c/w.		
SB-3.	n/a to P/w.		
SB-2.	c/w.		

## 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	AV78-A111 washer				
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. Jones June 24, 2010  
MECHANIC DATE

[Signature] 6/24/2010  
INSPECTOR DATE  
304062

AC Assigned W/O# 20406

Form107.component work order.wpd

REV 08/00

10-184



# Maintenance Release

Description: Carburetor Manufacturer: Precision  
 Model: HA-6 Part No.: 10-5256  
 Serial No.: DO-10-868 Total Time: \_\_\_\_\_

DATE June 17, 2010

J+S Leasing

HA-6

TEST & NOTIFY \_\_\_\_\_

## Description of Work Performed:

Performed a repair. Dissassembled. Cleaned.  
Inspected. Replaced parts listed on component  
work order number 10-184. Set float level.  
clw SB's and AD's. 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.

TOTAL LABOR HOURS 1.0  
parts listed below.  
in service manual

[Signature]  
 Signature

3021062  
 Certificate No.

6/24/2010  
 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.	P/c/w.		
SB-5.	clw.		
SB-3.	n/a to P/w.		
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	AV78-A111 washer				
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. [Signature] June 24, 2010  
 MECHANIC DATE

[Signature] 6/24/2010  
 INSPECTOR DATE  
3021062

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

REV 08.00

10-184

WORK PERFORMED: REPAIRED ROCKER SHAFT BOSS  
REPAIRED TOP SPARK BOSS  
REPAIRED BOTTOM SPARK BOSS  
REPAIRED EXH. PORT  
REPAIRED EXH. PORT FAC  
REPAIRED INT. PORT  
REPAIRED INT. SEAT BOSS  
REPAIRED CXH. SEAT BOSS  
REPAIRED INT. GUIDE BOSS  
REPAIRED EXH. GUIDE BOSS  
REPAIRED SURFACE CRACKS

SIGNED [Signature] DATE JUN 03 2013

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

PARTIAL MAINTENANCE RELEASE

**AIRCRAFT CYLINDERS OF AMERICA, INC.**  
1006 EAST INDEPENDENCE ST.  
TULSA, OKLAHOMA 74106-5310  
918/582-1785

FAA APPROVED REPAIR STATION #HT2R884K

CYL. TYPE 2340 W/P  
INV. # 9035 CYL # 213  
CUSTOMER CHROME  
CUST. # 13257

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

1. CHANNEL CHROME ONLY  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
Signed [Signature]  
Date 6-25-13

**MAINTENANCE RELEASE**

ACA FORM 103-3

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: G072313-113	
4. Organization Name and Address: Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K					5. Work Order/Contract/Invoice Number: 103454	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	CYLINDER	16290	1	103454	OVERHAULED	
12. Remarks: Overhauled using FAA approved data See commercial invoice for parts listing Form A003 8130 Tag & 60294-7-14						
13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: <u>Dennie Chaloner</u>		14c. Approval/Certificate No.: AV2R704K
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Dennie Chaloner		14e. Date (dd/mm/yyyy): 09/JAN/2015
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.						
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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						





# MAINTENANCE RELEASE

## LYCOMING

## CYL. ASSY.

MANUFACTURER

NAME

MODEL No.

PART No.

SERIAL No.

THE COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE.

"PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER No. 69949-16

SIGNED

DATE

JUN 03 2013

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

# CAUTION

1. USE CAST IRON RINGS FOR CHANNEL TYPE CHROME AND NU-CHROME CYLINDERS.
2. USE CHROME RINGS FOR STANDARD STEEL AND OVERSIZE STEEL CYLINDERS.
3. DO NOT HONE OR BEAD BLAST THE NU-CHROME CYLINDER BORES.
4. NU-CHROME CYLINDERS ARE CHROMED TO STANDARD AND THE POROSITY IS MECHANICALLY INDUCED.
5. All chromium plated cylinder bores have natural or mechanical porosity. For this reason, all plated cylinder bores must be cleaned after rework, i.e. after reaming, seat grinding, or valve lapping, use solvent followed by detergent and warm water, rinse, and air dry.

# BREAK IN PROCEDURE

1. Fill engine with non-detergent oil.
2. Remove top spark plugs and crank engine at 10 second intervals until oil pressure shows on gauge.
3. Install plugs and start engine. Idle at 12/1400 RPM for 2 minutes, with a 15 minute cooling period, for 3 times.
4. Make mag check using cruise power 20 seconds, correct as necessary, inspect engine.
5. Fly for 30-40 minutes using high cruise power to determine oil consumption.
6. The change to A/D oil may be made any time after oil consumption has stabilized.

NSN: 0052-00-012-9005

FAA FORM 8130-3(02-19)

1. Approving Civil Aviation Authority/Country:		FAA/UNITED STATES	
2. Organization Name and Address:		Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	
3. Remarks:		Overhauled using FAA approved data See commercial invoice for parts listing Form A003 8130 Tag & 60294-7-14	
4. Item:	7. Description:	8. Part Number:	9. Quantity:
1	CYLINDER	16290	1
6. Item:	7. Description:	8. Part Number:	9. Quantity:
OVERHAULED		103454	1
5. Work Order/Contract/Invoice Number:		103454	
4. Organization Name and Address:		Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	
3. Remarks:		Overhauled using FAA approved data See commercial invoice for parts listing Form A003 8130 Tag & 60294-7-14	
2. Organization Name and Address:		Gibson Aviation 1821 West Elm Street El Reno, OK 73036 (405)262-4880 CRS:AV2R704K	
1. Approving Civil Aviation Authority/Country:		FAA/UNITED STATES	



J & J AIR PARTS, INC.  
430 NORTH BRYANT, PLEASANTON, TX 78064  
(830) 569-3892

WORK PERFORMED:

REPAIRED WOCKER SHAFT BOSS	
REPAIRED TOP SPARK BOSS	
REPAIRED BOTTOM SPARK BOSS	
REPAIRED EXH. PORT	
REPAIRED EXH. PORT FAC	
REPAIRED INT. PORT	
REPAIRED INT. SEAT BOSS	
REPAIRED EXH. SEAT BOSS	
REPAIRED INT. GUIDE BOSS	
REPAIRED EXH. GUIDE BOSS	
REPAIRED SURFACE CRACKS	

SIGNED: [Signature] DATE: JUN 03 2013

FOR: J & J AIR PARTS, INC. REPAIR STATION No. JE2R921K

**AIRCRAFT CYLINDERS OF AMERICA, INC.**

1006 EAST INDEPENDENCE ST.  
TULSA, OKLAHOMA 74106-5310  
918/582-1785

FAA APPROVED REPAIR  
STATION #HT2R884K

CYL. TYPE 2.340 W/D  
INV. # E 9035 CYL. # 213  
CUSTOMER GIBSON  
CUST. # 13257

The above Aircraft component was repaired & inspected in accordance with FAA regulations and was found airworthy. This unit may require further inspection before its return to service. Only work detailed below is covered by this release.

- 1. CHANNEL CHROME ONLY
  - 2.
  - 3.
  - 4.
- Signed [Signature]  
Date 6-25-13

**MAINTENANCE RELEASE**

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

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

Right Engine Logbook Entry  
LTO-360-E1A6D

N258RM  
S/N: ~~L-102-73~~

*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. Check and clean engine air filter. Replaced Left Magneto Capacitor, and check magneto timing. Compression checks: #1 78/80, #3 79/80, #2 79/80, #4 80/80. Replaced rocker cover gasket on #2 cylinder. 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. Rye* A+P 3007758 FA

02-04-13

Hobbs: 2061.4

Tach: 2542.1

SMOH: 1799.0

Replaced fuel pressure transducer - Removed P/N 486-483, S/N: 40315,  
Installed P/N: 486-483, S/N: 43105. Engine ground run, ops check  
normal, no leaks noted.

*R. Rye* A+P 3007758

— Make: Lycoming  
— Model: LTO-360-E1A6D  
— S/N: L203-74  
— 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

**RH 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

*T. Davidson*

— Make: Lycoming  
— Model: LTO-360-E1A6D  
— S/N: L203-74  
— Reg. Number: N258RM

Date: 09/12/2013  
Tach: 2609.5  
Hobbs: 2165.4

**JETSTREAM**  
AVIATION

3653 Rickenbacker Street, Suite 212

Boise, ID 83705  
208-345-3730

**RH Engine log**

- Replaced exhaust flange P/N78077, pipe P/N LW-16380, and gasket P/N78084. Replaced worm clamps on heat shield. All work was done in reference to the piper MM and according to industry standards. Engine run-up and leak check was satisfactory, no defects noted on work performed.-----END-----
- 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.
- Paul Connell  
A&P 3356482

*Paul Connell*

**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**

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 1891  
TSMOH (R): 1891  
TACH: 2634.1

**Right Engine Entries**

- 40 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 #372/80 #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

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
TO-360-E1A6D  
ENGINE S/N (L): L-102-73  
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 (L): 5945.4  
TSMOH (L): 1926.4  
TACH: 2683.6

**Left 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-scuffing 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&amp;P: 3356482

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6008.8  
TSMOH (R): 1989.8  
TACH: 2732.9

**Right Engine Entries**

Replaced Cylinder #3 with an O/H cylinder as per Lycoming O/H manual P/N:60294-9 Sec 5.

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-replaced with H/O #4-75/80 Serviced with Exxon Elite 20w50 oil. Complied with AD 08-04-03 R2, Oil added contains anti-scuffing 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: 

Work Order: 0216-04-2014

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

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
REG. NO: N258RM  
WORK ORDER:  
0249-07-2014

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

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

**Right Engine Entries**

Replaced LH Mag harness with overhauled Harness P/N: A6610BS. Referencing Overhaul Manual P/N: 60294-7, Section 4

**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&amp;P: 3606080

Printed by EBis 3 (datcomedia.com)

**AIRCRAFT AND**





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

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

Right Engine Logbook Entry  
LTO-360-E1A6D

N258RM  
S/N: L-102-73

*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. Check and clean engine air filter. Replaced Left Magneto Capacitor, and check magneto timing. Compression checks: #1 78/80, #3 79/80, #2 79/80, #4 80/80. Replaced rocker cover gasket on #2 cylinder. 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. R. Ayr* A&P 3007758 FA

02-04-13

Hobbs: 2061.4

TACH: 2542.1

SMOH: 1799.0

Replaced fuel pressure transducer - Removed P/N 486-483, S/N: 40315,  
Installed P/N: 486-483, S/N: 43105. Engine ground run, ops check  
normal, no leaks noted.

*R. R. Ayr* A&P 3007758

— Make: Lycoming  
— Model: LTO-360-E1A6D  
— S/N: L203-74  
— Reg. Number: N258RM

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

**JETSTREAM**  
AVIATION

3653 Rickenbacker Street, Suite 212

Boise, ID 83705  
208-345-3730

**RH 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-scaffing 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

*Trevor R.T. Davidson*

— Make: Lycoming  
— Model: LTO-360-E1A6D  
— S/N: L203-74  
— Reg. Number: N258RM

Date: 09/12/2013 *PC*  
Tach: 2609.5  
Hobbs: 2165.4

**JETSTREAM**  
AVIATION

3653 Rickenbacker Street, Suite 212

Boise, ID 83705  
208-345-3730

**RH Engine log**

- Replaced exhaust flange P/N78077, pipe P/N LW-16380, and gasket P/N78084. Replaced worm clamps on heat shield. All work was done in reference to the piper MM and according to industry standards. Engine run-up and leak check was satisfactory, no defects noted on work performed.-----END-----
- 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.
- **Paul Connell**  
A&P 3356482

*Paul Connell*

**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

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 1891  
TSMOH (R): 1891  
TACH: 2634.1

## Right Engine Entries

- 40 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 #372/80 #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

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:  
TO-360-E1A6D  
ENGINE S/N (L): L-102-73  
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 (L): 5945.4  
TSMOH (L): 1926.4  
TACH: 2683.6

## Left 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-scuffing 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: 

Paul Connell, A&P: 3356482

Work Order: 0191-03-2014

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6008.8  
TSMOH (R): 1989.8  
TACH: 2732.9

## Right Engine Entries

Replaced Cylinder #3 with an O/H cylinder as per Lycoming O/H manual P/N:60294-9 Sec 5.

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-replaced with H/O #4-75/80 Serviced with Exxon Elite 20w50 oil. Complied with AD 08-04-03 R2, Oil added contains anti-scuffing 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&P34035351A

Work Order: 0216-04-2014

Printed by EBIS 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
REG. NO: N258RM  
WORK ORDER:  
0249-07-2014

**JETSTREAM** Jetstream Aviation

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

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

## Right Engine Entries

Replaced LH Mag harness with overhauled Harness P/N: A6610BS. Referencing Overhaul Manual P/N: 60294-7, Section 4

## 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: 

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

Work Order: 0249-07-2014

Printed by EBIS 3 (datcomedia.com)

AIRCRAFT AND

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

ENGINE MODEL: **JETSTREAM** Jetstream Aviation  
 LTO-360-E1A6D 3591 Rickenbacker St  
 ENGINE S/N (R): L-102-74 Boise, ID 83705  
 REG. NO: N258RM Phone: 208-345-3730  
 WORK ORDER:  
 0275-08-2014

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

**Right 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 plug. oil complies with AD 08-04-03 R2... Adjusted oil pressure regulator Referencing overhaul Manual P/N: 60294-7, Section 9

**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

Paul Connell, A&amp;P: 3356482

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: **JETSTREAM** Jetstream Aviation  
 LTO-360-E1A6D 3591 Rickenbacker St  
 ENGINE S/N (R): L-102-74 Boise, ID 83705  
 REG. NO: N258RM Phone: 208-345-3730  
 WORK ORDER:  
 0282-09-2014

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

**Right Engine Entries**

- Replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminants noted. 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&amp;P: 3606080

Printed by EBis 3 (datcomedia.com)

MAKE: Piper **JETSTREAM** Jetstream Aviation  
 MODEL: Pa-44-180T 3591 Rickenbacker St  
 S/N: 44-8107029 Boise, ID 83705  
 REG. NO: N258RM Phone: 208-345-3730  
 WORK ORDER:  
 0294-09-2014

SMOH 2088.9

DATE: 10/22/2014  
 A/C TSN: 5846.5  
 TACH: 2822.2

2832.0

PK

**Airframe Entries Right Engine**

- Performed a 100 hour inspection using a checklist that exceeds the standard set forth in AC43.13 appendix D. Drained oil from RH 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.... Replaced intake gaskets on RH engine, Cylinders 2 & 3.... Re-torqued RH engine sump referencing Lycoming torques and limits SSP-1776.... Re-torqued RH engine vacuum pump referencing Lycoming Torques and Limits SSP-1776.... Retorqued cylinders 2 & 4 on the RH engine referencing Overhaul manual 60294-9 section 5.... Tied up cables and wires on RH engine.... Replaced lifter LW-16586 on #4 cyl. intake ref. MM 60294-9 & torques table SSP-1776

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 Connell, A&amp;P: 3356482

Printed by EBis 3 (datcomedia.com)

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

Generated by CamScanner



ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
REG. NO: N258RM  
WORK ORDER:  
0362-01-2015

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

DATE: 1/14/2015  
A/C TSN: 5876.8  
ENG TT (R): 6134.4  
TSMOH (R): 2115.4  
TACH: 2858.5

### Right Engine Entries

Replaced cylinder #1 with cylinder overhauled by Gibson Aviation P/N: 16290, S/N: 103454, Referencing Overhaul Manual P/N: 60294-7, Section 6 and Section 10.... Performed oil Change using Aeroshell 80 Strait Mineral Oil, Referencing Lycoming SI 1014M.  
Replaced filter P/N: AA48103-2, cut and inspected old filter no contaminants noted.

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: 1/14/2015

SIGNED:

Trevor R.T. Davidson, A&P: 3605080

Work Order: 0362-01-2015

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ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6156.7  
TSMOH (R): 2137.7  
TACH: 2880.8

**Right 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&P34055351A

Work Order: 0389-03-2015

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6168.3  
TSMOH (R): 2149.3  
TACH: 2892.4

**Right Engine Entries**

Replaced Gasket P/N: 71973, on engine #2 cylinder #2. Referencing Overhaul Manual P/N: 60294-9, Section 6.

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. 76/80 #2. 79/80 #3. 77/80 #4. 78/80. 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

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6168.3  
TSMOH (R): 2149.3  
TACH: 2897.8

**Right 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: 6606080

Work Order: 0446-06-2015

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ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6215.1  
TSMOH (R): 2196.1  
TACH: 2939.2

**Right 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

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ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
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 (R): 6262.6  
TSMOH (R): 2243.6  
TACH: 2986.7

**Right 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 very 50hrs. Cleaned and gapped spark plugs, Checked compressions as follows #1. 78/80 #2. 62/80 #3. 72/80 #4. 75/80. 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: 12/9/2015

SIGNED:

Brian J. Glenn, A&P: A&P3403535IA

Work Order: 0517-11-2015

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
LTO-360-E1A6D  
ENGINE S/N (R): L-102-74  
REG. NO: N258RM  
WORK ORDER:  
0605-08-2016

**JETSTREAM** Jetstream Aviation

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

DATE: 9/28/2016  
A/C TSN: 6005  
ENG TT (R): 6262.6  
TSMOH (R): 2243.6  
TACH: 2986.7

**Right Engine Entries**

Cleaned and gapped spark plugs on the RH engine referencing PA44-180t MM ops check good

**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: 9/28/2016

SIGNED:

Work Order: 0605-08-2016

Printed by EBis 3 (datcomedia.com)

EST  
S/N 6203-74

4-20-17 TACH 3005.8 Compression #1-74 #2-72 #3-68 #4-78  
Installed all new RHB-37E spark plugs. No oil  
and filter change only 3.4 in on change. Inspected  
exhaust and intake systems. Inspected engine controls  
Eldon Holtz AYP 3617647

Date 4-20-17 Aircraft 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 TACH 3066.3 changed oil and filter  
Eldon Holtz AYP 3617647  
5-13-18 TACH 3148.5 Compression #1-74 #2-74 #3-72 #76  
changed oil and filter  
Eldon Holtz AYP 3617647

Date 5-13-18 Aircraft 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

Eldon Holtz

APP 3617647