ENGINE DATA

1.	Make	Lycoming
2.	Model	TO-360-EIA6D
3.	Specification	
4.	Manufacturer's Serial Number	L-107-73
5.	Date of Manufacture	



Section 3A: Engine Service and Maintenance Log

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DATE	TIME RUN	TIME SINCE OVERHAU	CY	CLES	DECORIDE OF THE PROPERTY OF TH	
1 1 -	HOURS mil	HOURS m	nin Sub Total	TOTAL	DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)	
BROUGHT FORWARD		>				
3-30-19	TACH			mpres	Dion #1-74 #2-75 #3-76 #4-77	
			cleane	d gay	sped rotated plugs. Changed	
			oils	lters "	9A48103-2 and c/w A080-04-03	
			IL pyl	sing	aeroshell 15 w 50 orl. Inspecte	
			enha	ster 7	and intake bustem:	
					Eldon Hotz Arp36176)	
			-	2 10	2022	
			_Date <u>ろ</u> Il Certif∖		Aircraft Time 32331) is Power Plan T Has	
					In Accordance With An	
		37.4	bir annaral kada da katanin da ka	ANN	Unb Inspection And Been	
			Peterm	med to	Be In Airworthy Condition. IA 3617647	
-				gnature	Certificate No.	
30			25.5	er e		
6-22-19	TAC	H 327.	4.1	Cha	noed oil and litter with	
		Q AP	37810.	3-20	il filter and Clu AD80-24-338	
5MO 25	3/80	I gick	price	aero	shall 15 w50 ord.	
		~		1	Eldon 200 ATP 3617647	
0 0 10	+001	0000	<i>.</i>		V	
9-02-19	TACH		5		Day One I	
-		Remor	ed en	ensp.	for overhand	
Particular designation of the control of the contro				•	Eldon Holty AMP 3617647	
4-20-20	TACH	3274.5	<u>(</u>		U	
1 40.90	71101	A	mulod.	Ingu		
1	2	B ROPE OF	marine	Carl	overhauled by drives envires.	
manufacture and on the second		Cronfes	hoult o	ad bome	et record by arreal & realists	
		Charres	0410	# 2.5%	531 and 258 892, all stale parts	
		done lu	s aver	of the	signate see all yellow togs.	
		Moteria	ed ne	We an	inks halt bearing new rol bear	
		Install	en doe	w. bool	eplate and crankshaft bot ANS-1	
		Dolt, C	aplack	ed ca	mshalt receptates and my	
			bytte t	TD -70	3. Explaced oil pump tockplate	
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PREVIOUS TOTALS				-7809	A Teach	
TOTALS SINCE NEW				oce entitle	CARRY FORWARD to Top of Next Page	
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	NAME/ SIGNATURE	LICENCE: AMEOR AMO/ACA
Replaced oil sump key \$to 2057, Installe	d new key	5tp-96
OPENING Ille bellateal case are gard	merauled by	Indero -
Installed overhauled HA-6 SIN DO-2-17	1 conto ano	Talled
som one strida bors pullages schigme were	10-385124	129
SIN 34747 Installed all your hyd litters	PIN LW-168	1)2
Peplaced all botts and nexts on conm	ecting rols	4
- Valden Hi	St 790361	7647
	0	
4-21-20 TACH 3274.5 TSMO 0.0		
favorio no Asod enigne bellatant	t NassRM	Installed
un wen bno stresant bral enigne wen	to Install	do all
sofrere all belletent, accord engine wen	arg bely	201.
F3 5 S/N 3372-\$I Runico Checked	Goog	U
· Clobo H	APP 36	17644
	0	
201200000000000000000000000000000000000		- 12
Date 4-36-30 Aircraft Tetal Time 3d/5.1		
Been Inspected in Accordance With An		
Determined To Be In Airworthy Condition.	1	
Determined To Be In Airworthy Condition.		
Signature Certificate No.		
		*-
3-28-21 TACH 3330. I and filter with a C. Change of 80-84-03 Pa ly using gereshell		0 11
Changed out and filler with a C.	H 48/03-9 -	Filler
Helder paidle per EREO 48-08 CA W	10000 or	<u>K</u>
Etalon at	APP 3617	647
	0	12.5
8-25-2021 Tach 3377.7	1.04.5.5.0	
Change oil and filter with a Ac	48103-2 9	ter
C/W AD 80-04-03 RZ by wsing f	AproShell 15	W-50
2) I trad Ganat A: p 3395077 ~		The second se

ection 3A: Engine Service and Maintenance Log

DATE	TIME RUN	TIME SINCE OVERHA	UL	СҮ	CLES	DECODIDATION OF WORK DESCRIPTION
/ /	HOURS min	HOURS	min	S u b Total	TOTAL	DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
BROUGHT FORWARD						
4-20-21	TACH 3	327.5		tso	52,9	
	compi	ession	并	1-79	#2-78	#3-78 #4-79 Cleaned gapped
	rotate	al plu	Ca	Oh	anged	oil and filter with Logis
	loves	El lle	w	50.	C/W A	D 80-04-03 Rd Juy using 15 w 50 oil
			_	1		Eldon Holl A1P3617647
				(H)	de at	
		Date	4-2	0-21	Aircraft T	etal Time 3327.5
		I Certif	уΤ	hat Th	is Pa	WER PLANT Has
		Been li	nsp	ected	IN Accou	dance With An Inspection And Been
		Detern	nine	110	Be In Air	worthy Condition.
		Eld	-	THE CALL	K.	TA 36/7647 Certificate No.
d	×0011	1 10	0	ature	0,	
8-25-21		54,2	Ch	prin		and filles: C/W AD 80.04-03R9 h
THE IT IS	Mung	alroths	ll	154	150 ol	b Eldon Holf AIP3617647
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12-19-21	MACH 3.	1 1	- 1- 0	0 1 0 0	More #	0000
y itali ii ii	Change	44	mo	74	Mb C	IN AD 80 04-03 Kg Justing
	and	hell 154	050	D'O'CL	. Unsp	ected exhallst and intoke system
		1108	-	6 7 6	LA MOSE	CUCTON HOTE 1943617641
4	3				to 10 10	2 Aircraft Time 3417.2
	,				te /2 -/9. ertify Th	// // // // // // // // // // // // //
			\dashv	Be	en Insp <mark>e</mark>	cted In Accordance With An
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T 191 194 096					Idm	To Be In Airworthy Condition
1.1					Signa	ture Certificate No.
3-26-22	TACH 3	3474,3		cha	noed	oil and liter. C/w AD 80-04-03F
o way da	11011	1			Retwo	all 15w 50 oil
8 1		and of	w	May	Van Mil	Eldon 2012 APP 3617647
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service and Maintenance Log

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BROUGHT FORWARD		-					
12-19-22	TACH 3	8.443		Ins	talled	Repaired operhauted mas	
		D4RI	V-	300	o S/A/	A 299409. Creplaced HA-47	
NAME OF STREET		carlo	S	IN IX	0-2-17	1. Quinip CR good	
		V		,	٨	Eldon 900 AP 3617647	
12-19-20	TACHE	44.8	ch.	nnoe	No oil	Wer and oil, G/W 9080-04-03-	
. 0, 7, 0,9	.,,,,,,,		lu	use	no our	Ashallo 15 W50 Och	
			7		2000	Eldon Holtz ATF3617647	
						()	
5-15-23	TACH 3	15% 0	ſ	100	Lylind	er in the 70/80. Unspected	
J-70 QO) FIOII O	ontan	1+	tele	100	bustoms no dil change do at	
		The s	T	me	May Charles	Class Nath 44036 17647	
		July .	M	و دلاه		de la companya del companya de la companya del companya de la comp	
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					ature (Certificate No.	
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6-13-23	1ACH 3	36580.0			0 2023		
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ENGINE MAINTENANCE - INSPECTION -	REPAIR -REPLACEMENT RECORDS
	-2910.9
These hogs How Burn BPO	right two FROM PROVIOUS
Loge for amil	526475413 AOD
	Clanged of sud-tilter inspe-
September 13, 2002	off with EW 16702 addutive
	bouk.
N8154H PA44-180T S/N-44-8107001 HRMT: 32 Changed oil and filter inspected filter and sump screen oil, AD 80-04-03R2 C/W, ground run ops and leak install.	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Manager and Manager and American
Signed Wells	526475412 4 0 D
Granite Mountain Aviation Services Inc. 5543 Crystal LN Prescott AZ 86301	526475413 A&P
2743 Crystal Liv Flescott AZ 86301	Management 5002
ASTOYOF HIME 462.8 ACTT TOSS.8 SMORE 940	NSESSE PASSESSES SAN-4
in. In house of the same of th	
September 27, 2002 L/H Engine	aorogan Jiri-Ul. basignaya
ochtemper 27 70117	oil with addition cleaned and
N8154H PA 44-180T S/N-44-8107001 HrMt: 368.4 PSMOH: 436.8 L/R	ACTT: 2002 4 SMOUL 047
PSMOH: 436.8 L/R	11011, 2992.4 SMOH: 847.7L/R
Completed 100HR inspection in accordance with Part aspected oil filter and sump screen IAW AD 80-04-03	43 appx. (D) Changed oil and filter ———
Il with additive, cleaned and ganned and it	102, serviced with AS W1100 Plus
5/80 #4 75/80, inspected mag timing I CED TUSY	ip. 1 est #1 /6/80 #2 72/80 #3
NSPECTED IN ACCORDANCE WITH AN 100HR DETERMINED TO BE IN AN AIRWORTHY CONTRACTOR	INSPECTION AND WAS
ETERMINED TO BE IN AN AIRWORTHY COND	PITION.
igned / / / / / / / / /	Mcoumber 18, 2002
ranite Mountain Aviation Services Inc.	526475413 IA
43 Crystal LN Presentt AZ. 86301	LAR, PSMOH: 574.7
O seigned achieved to the 200 CA West Carried and	Delboqual traffit bits to begoed)
timed to engine. Ground out ops and leak inspection	TAN CASE 645, reinstalled mag
A SELECTION OF THE AGE	
other land	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
TO SOLUTION OF THE PARTY OF THE	

LEFT ENGIN	NE
October 18, 2002 N8154H PA44-180T S/N-44-8107001 HRMT: 417 L/R, PSMOH: 486.2 Changed oil and filter inspected filter and sump screen, oil with LW 16702 additive, AD 80-04-03R2 C/W, grogood.	Serviced with 6qts AS 100 Plus
Signed	526475413 A&P
Section for the Section of the Secti	Granto Modeland Varion
L/H Engine	6543 Crystal LN Prescott
November 6, 2002 N8154H PA 44-180T S/N-44-8107001 HrMt: 462.8 AC PSMOH: 531.2 L/R Completed 100HR inspection in accordance with Part 43 inspected oil filter and sump screen IAW AD 80-04-03R2 oil with additive, cleaned and gapped spark plugs, Comp. 76/80 #4 75/80, inspected mag timing, I CERTIFY THAT INSPECTED IN ACCORDANCE WITH AN 100HR IN DETERMINED TO BE IN AN AIRWORTHY CONDITION Signed Granite Mountain Aviation Services Inc. 6543 Crystal LN Prescott AZ. 86301 EEFT ENGINE	appx. (D). Changed oil and filter 2, serviced with AS W100 Plus Test #1 78/80 #2 76/80 #3 T THIS ENGINE WAS USPECTION AND WAS
November 18, 2002 N8154H PA44-180T S/N-44-8107001 HRMT: 503.3 L/R, PSMOH: 571.7 Changed oil and filter inspected filter and sump screen, Servoil with LW 16702 additive, AD 80-04-03R2 C/W, AD 96 IAW MSB 645, reinstalled mag timed to engine. Ground rugood. Signed Mull Canada Services Inc. 6543 Crystal LN Prescott AZ 86301	viced with 6qts AS 100 Plus 5-12-07 Bendix Impulse C/W

December 20, 2002 L/H Engir	ne
N8154H PA 44-180T S/N-44-8107001 HrMt: 54 PSMOH: 611.9 L/R	3.5 ACTT: 3167.5 SMOH:1022 81 /R
Completed 100HR inspection in	The state of the s
Completed 100HR inspection in accordance with Painspected oil filter and sump screen IAW AD 80-04 oil with additive, cleaned and gapped spark plugs, C 76/80 #4 76/80, inspected mag timing, I CERTIFY INSPECTED IN ACCORDANCE WITH AN 100H DETERMINED TO BE IN AN AIRWORTHY CO	Comp. Test #1 77/80 #2 76/80 #3 THAT THIS ENGINE WAS IR INSPECTION AND WAS NDITION.
Granite Mountain Aviation Services Inc.	526475413 IA
6543 Crystal LN Prescott AZ. 86301	
COL	DATAN ASIZINGH BY ON
Le LA	ICD
January 17, 2003	NGINE
N8154H PA44-180T S/N-44-8107001 HRMT: 5	200 0 4 4 5
PSMOH: 658.4	90.0 ACTT: 3214.0 SMOH: 1069.3
Changed oil and filter inspected filter and sump screen oil with I W16702 additive AD 80.04.02D2 GRAV	en Serviced with 6ata AC 100 Dl
oil with LW16702 additive, AD 80-04-03R2 C/W, A IAW MSB 645, Ground run ops and leak inspection	11) 96-12-07 Randin Immula CAN
	TOTAL STATE OF THE
Granita Mountain Asiation G	2664275 A&P
Granite Mountain Aviation Services Inc. 6543 Crystal LN Prescott AZ 86301	
os is Crystal Liv Flescott AZ 80301	Maria (M. 1) maria (m. 1971).
	Strategy and Tolking and American
L/H Engine	ti bit speed mitted and ottom
February 5, 2003	eta stapen das de algueb soprange"
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 4	3 appx. (D). Changed oil and filter
inspected oil filter and sump screen IAW AD 80-04-031	R2, serviced with AS W100 Plus
oil with additive, cleaned and gapped spark plugs, Com	p. Test #1 74/80 #2 74/80 #3
66/80 #4 76/80, inspected mag timing, I CERTIFY TH INSPECTED IN ACCORDANCE WITH AN 100HR I	AT THIS ENGINE WAS
DETERMINED TO BE IN AN AIRWORTHY COND	ITION ———
A /	111014.
Signed / MILLS	526475413 IA
Granite Mountain Aviation Services Inc.	
6543 Crystal I N Prescott A7 86301	RCRAFT

PAGE	
AGE	

ENGINE MAINTENANCE - INSPECTION - REPAIR - REPLACEMENT RECORDS LEFT ENGINE February 21, 2003 N8154H PA44-180T S/N-44-8107001 HRMT: 690.6 ACTT: 3314.6 SMOH: 1169.9 PSMOH: 759.0 Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good. 2664275 A&P Signed Granite Mountain Aviation Services Inc. 6543 Crystal LN Prescott AZ 86301 REPAIR STATION #EA4R147M MONTGOMERY AVIATION S/N 44-8107001 **PIPER PA 44-180T** N8154H T699.1 W/O M13730 24 FEB 03 LEFT-HAND ENGINE LOG BOOK ENTRY INSTALLED MAGNETO – PROVIDED BY OWNER – PN 10-382555-16 SN# 30504 WITH NEW GASKET PN 10-400613. TIMED MAGNETO TO ENGINE IN ACCORDANCE WITH ENGINE PLACARD. DRAINED OIL, SERVICED WITH 5 QUARTS AEROSHELL 100 W. REMOVED AND REPLACED OIL SCREEN PLUG GASKET STD1045, AND SAFETIED. LEAK AND OPS CHECK COMPLIED WITH. NO DEFECTS

The errorett, arritame, circuart engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for se-

NOTED.END.

#EA4R14

"Pertinent details of the repair are on file at this repair station under Order No. 1/3730 Date 28/2603 P. O. Box 92, Montgomery, Alabama

L/H Engi	ne	
March 17, 2003		-
N8154H PA 44-180T S/N-44-8107001 HrMt: 7	41 7 ACTT: 3365 7 SMOH:1221 0	T /D
PSMOH: 810.1 L/R	MR-44-262 TERLINGS TERRORS	
Completed 100HR inspection in accordance with 1	Part 43 appy (D) Changed oil and fil	+0=
inspected oil filter and sump screen IAW AD 80-0	4-03R2 serviced with AS W100 Db.	
oil with additive, cleaned and gapped spark plugs.	Comp. Test #1 76/80 #2 76/80 #3	.8
13/80 #4 14/80, inspected mag timing. I CERTIFY	THAT THIS ENGINE WAS	
INSPECTED IN ACCORDANCE WITH AN 100	HR INSPECTION AND WAS	***************************************
DETERMINED TO BE IN AN AIRWORTHY CO	ONDITION.	
	(orante Mas malare value of April 19	
Signed / // a Mell	526475413 IA	
Granite Mountain Aviation Services Inc.		
6543 Crystal LN Prescott AZ. 86301		
	** **	
7 TOUR BOARS OF THE DESCRIPTION AND ADDRESS.		
April 4, 2003	VE	
April 4, 2003 N8154H PA44-180T S/N-44 8107001 LIBATE 700		
N8154H PA44-180T S/N-44-8107001 HRMT: 789 PSMOH: 806.3	.0 ACTT: 3413.0 SMOH: 1268.3	1
		4.1
Changed oil and filter inspected filter and sump screen, oil with LW 16702 additive AD 80-04-03P2 CAN Company	Serviced with 6qts AS 100 Plus	10
oil with LW 16702 additive, AD 80-04-03R2 C/W, Grogood.	und run ops and leak inspection	
Signed / // G Well	Charles of the Control of States	
Granite Mountain Aviation Services Inc.	526475413 A&P	
6543 Crystal LN Prescott AZ 86301		
)
I /II Engina	SAS Crystal LN Prescent AZ Second	
L/H Engine		
April 25, 2003 N8154H PA 44-180T S/N-44-8107001 HrMt: 841.0	ACTT: 2465 0 I /D SMOU:1220 2	
Left PSMOH: 909.4 Right PSMOH: 0.0	AC11. 3403.0 L/R SMOH.1320.3	
Completed 100HR inspection in accordance with Part 4	3 anny (D) Changed oil and filter	Lemi
inspected oil filter and sump screen IAW AD 80-04-031		
oil with additive, cleaned and gapped spark plugs, Com) <u> </u>
70/80 #4 72/80, inspected mag timing, replaced intake g		Cjerny
LW-18101. Ground run ops and leak inspection perform		iw Bo
ENGINE WAS INSPECTED IN ACCORDANCE WIT		
AND WAS DETERMINED TO BE IN AN AIRWORT	and the second s	
		em.iz
Signed John Comments	526475413 IA	AIRCRAFT
Granite Mountain Aviation Services Inc.	THE RESIDENCE OF THE PROPERTY	

6543 Crystal LN Prescott AZ. 86301

animal EALS	
LEFT ENGINE	
May 22, 2003 N8154H PA44-180T S/N-44-8107001 HRMT: 889.1 ACTT: 3513.1 SMOH: 1368.4 PSMOH: 906.4 Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.	
Signed 526475413 A&P Granite Mountain Ayiation Services Inc.	
6543 Crystal LN Prescott AZ 86301	
I /II Facino	
L/H Engine	
June 11, 2003 N8154H PA 44-180T S/N-44-8107001 HrMt: 924.3 ACTT: 3548.3 L/R SMOH:1403.6 Left PSMOH: 992.7 Right PSMOH: 83.3 Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter inspected oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus oil with additive, cleaned and gapped spark plugs, Comp. Test #1 76/80 #2 72/80 #3 73/80 #4 74/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Signed	
LEFT ENGINE	
June 30, 2003 N8154H PA44-180T S/N-44-8107001 HRMT: 974.4 ACTT: 3598.4 SMOH: 1453.7	
PSMOH: 1024.8 R/PSMOH: 133.4 Changed oil and filter inspected filter and sump screen, Serviced with 6qts AS 100 Plus oil with LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection	N N
Signed 526475413 A&P	
Granite Mourtain Aviation Services Inc. 6543 Crystal LN Prescott AZ 86301	E AIRCRAFT
6543 Crystal EN Tiescott The Germanen'T AIRCRAFT LOG BOOKS.	

L/H Engine							
July 24, 2003							
N8154H PA 44-180T S/N-44-8107001 HrMt:1019.6 ACTT:3643.6 L/R SMOH:1498.9 Completed 1004B:							
							inspected oil files and the secondarie with Part 4
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 pluce. Compare To a W10-7							
72/80 #4 66/80, inspected mag timing Craw 1							
100HR INSPECTION AND WAS DETERMINED TO CONDITION?	BE IN AN AIRWORTHY						
Signed Signed	& nodstvA (distribute erace)						
Granite Mountain Aviation Services Inc.	526475413 IA						
6543 Crystal LN Prescott AZ. 86301							
Salana V. I							
	tane sur V						
I DET DAK	TINIT 2						
August 12, 2003	JINE						
N8154H PA44-180T C/N 44-9107001 HPD 67	PARTICIPAL TRACTOR STORY						
N8154H PA44-180T S/N-44-8107001 HRMT: PSMOH: 1075.2 R/PSMOH: 183.8	1070.4ACTT: 3694.0 SMOH: 1549.3						
Changed oil and filter inspected filter and assets	Digasi na mana						
Changed oil and filter inspected filter and sump scree	n, Serviced with 6qts AS 100 Plus						
oil with LW 16702 additive, AD 80-04-03R2 C/W, (good.	Fround run ops and leak inspection						
good.	WOMA WINDSHOOT I GOVE						
Signed ////////////////////////////////////							
Granite Mountain Aviation Services Inc.	526475413 A&P						
47.0001	THE TREATMENT ASSESSMENT OF THE PROPERTY OF TH						
L/H Engine	A. Hoose of M. Lindon and A. A.						
September 9, 2003							
N8154H PA 44-180T S/N-44-8107001 HrMt:1120.0 A	ACTT:3746 0 L/R SMOH:1601 3						
Left PSMOH: 1190.0 Right PSMOH: 280.6							
Completed 100HR inspection in accordance with Part 43	appx. (D). Changed oil and filter						
hispected on filter and sump screen IAW AD 80-04-03R	2 serviced with AS W100 Dlvg						
oil with additive, cleaned and gapped spark plugs. Comp.	Test #1 73/80 #2 75/80 #2						
71/80 #4 70/80, inspected mag timing. Ground run ons a	nd leak inspection performed T						
CERTIFY THAT THIS ENGINE WAS INSPECTED IT	V ACCORDANCE WITH A						
TOURK INSPECTION AND WAS DETERMINED TO	BE IN AN AIRWORTHY ———						
CONDITION.)	Doog noticegani asel ban secona						
Signed /// hm.	526475413 IA						
Granite Mountain Aviation Services Inc.	Description of the content of the co						
6543 Crystal LN Prescott AZ. 86301	solved Anthor Chambers some						
AND WILL PEMALE WALL	CRCRAFT						

AND WILL REMAIN WITH THE PERMANENT ATRONALL BOO BOOKS.

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LEFT ENGINE	
September 30, 2003 N8154H PA44-180T S/N-44-8107001 HRMT: 1169.9ACTT: 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 LW 16702 additive, AD 80-04-03R2 C/W, Ground run ops and leak inspection good.	
Signed John Signed 526475413 A&P Granite Mountain Aviation Services Inc.	
6543 Crystal LN Prescott AZ 86301	
L/H Engine	
October 17, 2003 N8154H PA 44-180T S/N-44-8107001 HrMt:1217.1 ACTT:3841.1 L/R SMOH:1696.4 Left PSMOH: 1287.1 Right PSMOH: 377.7 Completed 100HR inspection in accordance with Part 43 appx. (D). Changed oil and filter completed oil filter and sump screen IAW AD 80-04-03R2, serviced with AS W100 Plus inspected oil filter and gapped spark plugs, Comp. Test #1 72/80 #2 74/80 #3 oil with additive, cleaned and gapped spark plugs, Comp. Test #1 72/80 #2 74/80 #3 74/80 #4 74/80, inspected mag timing, Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A	
CERTIFY THAT THIS ENGINE WAS INSTECTED IN AN AIRWORTHY 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. 526475413 IA	
Signed	
NSISAH PA 44-1807 SAN-44-8107001 BEMBUIT20.0 ACTT:3746.0 L/R SMOH:1601.3	
LEFT ENGINE	
October 30, 2003 N8154H PA44-180T S/N-44-8107001 HRMT: 1267.1ACTT: 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 LW 16702 additive, AD 80-04-03R2 C/W, Replaced Engine crank seal Ground run ops and leak inspection good.	•
526475413 A&P	
Signed /// G / Mee Signed Granite Mountain Aviation Services Inc.	
17.0(001	AIRCRAFT
ANTI WILL REMAIN WITH THE DEDMANENT AIDCDAFT IOC DOOKS	

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Γ.	M	SE	

ENGINE MAI	NTENANCE -	INSPECTION	_	REPAIR	-REPLACEMENT	PECOPO
					WALTHCELLEN	RECEIRES

L/H Engine	
November 14, 2003	,
N8154H PA 44-180T S/N-44-8107001 HrMt:1306	3 ACTT:3930 3 L/R SMOH:1785 6
Left PSMOH: 1376.0 Right PSMOH: 466.7	
Completed 100HR inspection in accordance with Par	t 43 appx (D) Changed oil and filter
inspected oil filter and sump screen IAW AD 80-04-0	3R2 serviced with AS W100 Plus
oil with additive, cleaned and gapped spark plugs, Co	omp. Test #1 68/80 #2 64/80 #3
69/80 #4 71/80, inspected mag timing, Ground run o	ns and leak inspection performed I
CERTIFY THAT THIS ENGINE WAS INSPECTE	D IN ACCORDANCE WITH A
100HR INSPECTION AND WAS DETERMINED	TO BE IN AN AIRWORTHY
CONDITION	A huserel of these could
Signed () amely	526475413 IA
Granite Mountain Aviation Services Inc.	
6543 Crystal LN Prescott AZ. 86301	
LEFT ENGINE	
November 26, 2003	
N8154H PA44-180T S/N-44-8107001 HRMT: 13:	50.1ACTT: 3974.1 SMOH: 1829.4
PSMOH: 1419.8 R/PSMOH: 510.5	
Changed oil and filter inspected filter and sump screen	, Serviced with 6gts AS 100 Plus
oil with LW 16702 additive, AD 80-04-03R2 C/W, G	round run ops and leak inspection
good.	
Signed 2	2664275 A&P
Granite Mountain Aviation Services Inc.	
6543 Crystal LN Prescott AZ 86301	
1 2 4 1/2 = 1 = 2 = =	
1-7-04 HEMT: 1395.3 ACTI:	4019.3 Smott: 1874.6
ENGINE TT: 4019.3	
Removen This Engine To-3	(0 1710) (1 51)
FROM DALLI ICAT AS SIGNIA	30 8146B SIN-Y-109-13
FROM PA44-180T N 8154H S	IN-44-8107001
	- 7/ well
	520475413 ADD

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LACL	

L/H Engine	
Lett 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 inspecte	ed
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	ı IID -
and leak inspection ok, all functions normal. Replaced screw on # 3cylinder valve covered to the	er.
Signed: William D. Broome A&P4009224	
Granite Mountain Aviation, L.L.C.	
5543 Crystal LN Prescott AZ. 86301	
028-443-8509	
Charles Mountain Avantain August Andrew Charles	
E005.05.: semseon	
PERSONAL PROPERTY OF THE PROPE	
Clarged oil and filter inspected filter and many survey. Serviced with 6qts AS 16	
DEBLIZACIONE EQUINO DEBLICADI, IN LUE ANCIONI-PUE CARLOS EN ODE EN ODE EN DESEMBRIO	
Signed 26 275 A.E. 2864275 A.E.	
SAME CONTROL OF THE PROPERTY O	

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



Logbook Entry

<u>Lycoming TO-360-E1A6D S/N L-102-73</u>

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

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

This engine was assembled using the following new parts:

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

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

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

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

Aircraft Engine Repair & Overhaul Thomas L. Town 526964634IA

Hony F. Z

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

FAA Form 8130-3 (6-01)

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

NSN: 0052-00-012-9005

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Left Engine 2.58RM PA44-180T S/N-44-8107029 Tach: 743.1 ACTT: 3761.4 ingine TO-360 E1A6D S/N-1-102-73, Engine TT: 4019.00 SMOH: 0.0 installed this engine TO-360 E1A6D and left position of NZ58RM, S/N-44-8107029, see log entry dated excised with eight and break in procedures C/W IAW Lycoming Service with eight as 100 50wt oil, ground run and break in procedures C/W IAW Lycoming Service ublications, SI 1427B, leak inspected. I CERTFIY THAT THIS ENGINE WAS INSPECTED AND OR ERVICE FOR THE WORK PERFORMED. Left engine Left engine Left engine Left engine Left engine Left engine February 14, 2007 NZ58RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B-(1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed. Signed J26475413 A&P Completed Mountain/Aviation Services Inc. 526475413 A&P Left Engine March 13, 2007 NZ58RM PA44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.6round run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DRIERMINED TO BE IN AN AIRWORTHY CONDITION Signed Granite Mountain/Aviation Services Inc. 526475413IA	Left engine Left engine Toystal LN Prescotl AZ 86301 Left Engine Left Engine Left Engine March 13, 2007 N258RM PA44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mispected iolifilter and sump IAW AD 80-04-03R2, serviced with Gats Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.Ground run ops and leak inspection in accordance Part 43: appx. (d). Changed oil and filter mispected oil filter and sump IAW AD 80-04-03R2, serviced with Gats Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ANAIRWORTHY CONDITION 526475413IA Tranite Mountain Aviation Services Inc. 526475413IA Tranite Mountain Aviation Services Inc. 526475413IA		*	
IZSBRM PA44-180T S/N-44-8107029 Tach: 743.1 ACTT: 3761.4 mignier TO-360 E1A6D S/N-1-102-73, Engine TT: 4019.00 SMOH: 0.0 installed this engine TO-360 E1A6D S in the left position of N258RM, S/N-44-8107029, see log entry dated excited with 6qts AS 100 50wt oil, ground run and break in procedures C/W IAW Lycoming Service ublications, S1 1427B, leak inspected. I CERTFIFY THAT THIS ENGINE WAS INSPECTED AND OR EPI/ARED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS RETURNED TO greed SIGNED STATES STATE	258RM PA44-180T S/N-44-8107029 Tach: 743.1 ACTT: 3761.4 ngine TO-360 E1A6D S/N-1-102-73, Engine TT: 4019.00 SMOH: 0.0 istalled this engine TO-360 E1A6D so the left position of N258RM, S/N-44-8107029, see log entry dated excited with 6qts AS 100 50wt oil, ground run and break in procedures C/W IAW Lycoming Service iblications, SI 1427B, leak inspected. I CERTIFY THAT THIS ENGINE WAS INSPECTED AND OR EPIARED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS RETURNED TO gred anite Mountain Aviation Services Inc. Left engine Left engine Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B; (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed signed Granite Mountain Aviation Services Inc. Left Engine March 13, 2007 N258RM PA44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter mspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DHERMINED TO BE IN AN AIRWORTHY CONDITION Signed Signed S26475413IA	Ionyam, 5, 2007	Left Engine	
Left engine Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW By (1)(2), Serviced with Example Muntain Aviation Services inc. Left Engine March 13, 2007 N258RM PA 44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter inspected in lifter and sump IAW AD 80-04-03R2, serviced with Gqts Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80. Ground run ops and leak inspection in accordance Part 43: appx. (d). Changed oil and filter inspected illiter and sump IAW AD 80-04-03R2, serviced with Gqts Exxon 20/50 Elite with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80. Ground run ops and leak inspection 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 LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80. Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION 5: Signed Frantie Mountain Aviation Services Inc.	Left engine Left engine Left engine Left engine Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B; (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run obs and leak inspection in accordance Part 43: appx. (d), Changed oil and filter inspected oil filter and sump IAW AD 80-04-03R2, serviced with LW 16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.Ground run ops and leak inspection performed. I CERTIFY THAT Left Engine March 13, 2007 Left Engine Left Engine March 13, 2007 Left Engine Left Engine March 13, 2007 Left Engine Left Engine Left Engine March 13, 2007 Left Engine Left Engine Left Engine Left Engine March 13, 2007 Left Engine Left Engi	N259DM DA44 100T GD 44	2000 t. Fe a A	
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Left engine Left engine Left engine Left engine with Lw 16702 additive, ground run on break in procedures C/W IAW Lycoming Service ublications, Si 1427B, leak inspected. I CERTIFIY THAT THIS ENGINE WAS INSPECTED AND OR EPICARED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS RETURNED TO gred Left engine Left engine Left engine Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run obs and leak inspection performed Signed Granite Mountain Aviation Services Inc. 526475413 A&P Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80. Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DHTERMINED TO BE IN AN AIRWORTHY CONDITION Signed Granite Mountain Aviation Services Inc. 526475413IA Granite Mountain Aviation Services Inc.	Left engine Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed. S26475413 A&P Left Engine Left Engine Left Engine March 13, 2007 Left Engine March 13, 2007 Left Engine Left Engine Left Engine March 13, 2007 Left Engine Left Engine Left Engine S26475413 A&P S26475413 IA S26475413 IA S26475413 IA S26475413 IA	Installed this engine TO 260E1	02-73, Engine TT: 4019.00 SMOH: 0.0	
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EPIARED IN ACSORDANCE WITH CURRENT FAA REGULATIONS AND WAS RETURNED TO ERVICE FOR THE WORK PERFORMED. S26475413A&P Tanite Mountain Aviation Services Inc. 43 Crystal LN Prescott AZ 86301 Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed. Signed J26475413 A&P Granite Mountain Aviation Services Inc. S43 Crystal LN Prescott AZ. 86301 Left Engine March 13, 2007 N258RM PA44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80. Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DHTERMINED TO BE IN AN AIRWORTHY CONDITION Signed Granite Mountain Aviation Services Inc.	Left engine February 14, 2007 N258RM PA 44-180T S/N-44-8107029 Tach: 773.1 ACTT: 3791.4 SMOH: 30.0 Completed 50hr inspection in accordance with inspection guide, AD 80-04-03R2, Lyc. Lifters C/W IAW B, (1)(2), Serviced with Exxon Elite 20/50 with LW 16702 additive, ground run ops and leak inspection performed. Signed Jeft Engine Left Engine Left Engine Left Engine March 13, 2007 N258RM PA 44-180T S/N-44-8107029 Hobbs: 820.2 ACTT: 3838.5 SMOH: 77.1 Completed 100hr inspection in accordance Part 43: appx. (d). Changed oil and filter inspected oil filter and sump IAW AD 80-04-03R2, serviced with 6qts Exxon 20/50 Elite with LW16702 additive, cleaned and gapped spark plugs, Comp. Test #1 6880 #2 76/80 #3 76/80 #4 78/80.Ground run ops and leak inspection performed. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION Signed Jean 14 June 14 June 15 June 16 June 16 June 16 June 16 June 17 Jun	erviced with 6ats AS 100 50m	toil crowd - 11 to the total s,	
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	Left engine	-
April 4, 2007	N25E136 PA-14-180T SN4-44-8107029 Tadio 745 J ACTT: 2761	
	N-44-8107029 Tach: 873.00 ACTT: 3891.30 SMOH: 129.90	
Completed 50hr inspection	on in accordance with inspection guide, AD 80-04-03R2, Lyc.	*****
	2), Serviced with Exxon Elite 20/50 with LW 16702 additive,	
ground run ops and leak in		
Signed: Thomas L. Town		-
Granite Mountain Aviatio		
6543 Crystal LN Prescott	AZ. 86301	-
	Loft Engine	
oril 20, 2007	Left Engine	
	4-8107029 Hobbs: 914.7 ACTT: 3933.0 SMOH: 171.6	****
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h LW16702 additive, cleans that 176/80 #2 78/80 #3 76/81 ERTIFY THAT THIS ENCOTOR INSPECTION AND WASTER TO THE MOUNTAIN Aviation Search and Sea	Left engine N-44-8107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Somp. 48 107029 Tach: 968.0 ACTT: 2086 20 Gt to 20 Mark 1988 (Some 1988 (
h LW16702 additive, cleans at #1 76/80 #2 78/80 #3 76/80 #1 76/80 #3 76/80 #1 76/80 #1 76/80 #1 76/80 #2 78/80 #3 76/80 #1 76/80 #2 78/80 #3 76/80 #1 76/80	Left engine N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90 Left and gapped spark plugs, inspected mag timing, Comp. Mass	
May 8, 2007 May 8, 2007 May 8, 2007 N258RM PA 44-180T S/I Charter and sump I May 8, 2007 N258RM PA 44-180T S/I Completed 50 hour inspectors.	Left engine N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90 Left and gapped spark plugs, inspected mag timing, Comp. Mass	
May 8, 2007 N258RM PA 44-180T S/I Completed 50 hour inspect Lycoming lifters C/W IAV LW 16702 additive, cleans and sump I h LW16702 additive, cleans and sump I h LW16702 additive. Run u Signed: Thomas I. Tower	Left engine N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90 W paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with	
May 8, 2007 N258RM PA 44-180T S/I Completed 50 hour inspect Lycoming lifters C/W IAV LW 16702 additive. Run u Signed: Thomas L. Town Granite Mountain Aviation Se	Left engine N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90 w paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with Logar.	
May 8, 2007 May 8, 2007 May 8, 2007 N258RM PA 44-180T S/I Charter and sump I May 8, 2007 N258RM PA 44-180T S/I Completed 50 hour inspectors.	Left engine N-44-8107029 Tach: 968.0 ACTT: 3986.30 SMOH: 224.90 w paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with Logar.	

PAGE	

Left Engine

May 30, 2007

TACH

N258RM PA44-180T S/N-44-8107029 Hebbs: 1015.70 ACTT: 4034.00 SMOH: 272.60

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

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

526964634IA

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

Left engine

June 18, 2007

N258RM PA 44-180T S/N-44-8107029 Tach: 1074.80 ACTT: 4093.10 SMOH: 331.70 Completed 50 hour inspection in accordance with inspection guide. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.

Signed: Thomas L. Town

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

July 18, 2007

N258RM PA44-180T S/N-44-8107029 Hobbs: 1111.80 ACTT: 44130.10 SMOH: 368.70

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

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

526964634IA

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ 86301

928-443-8509

		Left e	ngine		
August 16, 20			section (d.)		MISSRM PARA
N258RM PA	44-180T S/N-44-8	107029 Tacl	h: 1155.50	O ACTT: 41	73.80 SMOH: 412.40
Completed 50	hour inspection in	accordance	with insp	ection guid	e. AD 80-04-03R2
Lycoming lift	ers C/W IAW para	igraph b. 1 &	2. Service	ed with Ex	xon Elite 20/50 oil with
LW 16702 ad	ditive. Run up and	leak inspect	ion ok, al	functions 1	normal.
	as L. Town	/and	9.		526964634IA
	tain Aviation, L.L.				intake hose claren
	LN Prescott AZ. 86	6301			er verreitot-
928-443-8509					TASSESCITEDE AN
	Le	ft Engine		1 mounty A	Oranita Minutana
October 2, 2007	T	ACH			A N. I BERGED SPECE
1258RM PA44-180T			80 ACTT	: 4227.10 S	MOH: 465.70
Completed 100 hour	inspection in acco	ordance FAR	Part 43 a	ppendix (d)	. Changed oil and oil filter.
aspected removed oil	filter and oil sump	screen IAW	AD 80-0	04-03R2 no	contamination found.
erviced engine with	.5 quarts of Exxor	a 20/50 Elite	oil. Inspe	cted magne	to timing. Compression test
					ose. Replaced part # 548-729
il pressure sending u	it. Complied with	ground run	and leak i	nspection, a	ll functions normal.
1	TTTTO TO TO TO THE	AC DICDEC	TED DI	CCODDN	ACE WITH A 100 HOUR
I CERTIFY THAT	THIS ENGINE W.	AS INSPEC	IED IN A	ICCORDIN.	ACE WITH A 100 HOUR
I CERTIFY THAT					
I CERTIFY THAT NSPECTION AND V	VAS DETERMINI				
	VAS DETERMINI wn				CONDITION

928-443-8509

Left	engine	
	0	

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

ENGINE MAINTENANCE - INSPECTION - REPAIR -REPLACEMENT	-
INSPECTION - REPAIR - PERIL	
WITH REPLACEMENT	RECORDS

Left Engine

December 10, 2007

N258RM PA44-180T S/N-44-8107029 Hobbs: 1305.90 ACTT: 4324.20 SMOH: 562.80

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

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

Granite Mountain Aviation, L.L.C.

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

Left engine

January 14, 2008 N258RM PA 44-180T S/N-44-8107029 Tach: 1355.60 ACTT: 4373.90 SMOH: 612.50 Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ole, all functions normal. Signed: Thomas L. Town Granite Mountain Aviation, L.L.C. 6543 Crystal LN Prescott AZ. 86301

928-443-8509

Left Engine

February 13, 2008

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

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

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

Signed: Thomas L. Town _______

Granite Mountain Aviation, L.L.C.

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6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

M 1 10 2000		Left en	gine			0
March 10, 2008 N258RM PA 44	-180T S/N-44-810	7029 Tach:	1459.90 AC	ΓΤ: 4478.20 S	MOH: 716 80	0
Completed 50 ho	our inspection in acr. Opened and insp	ccordance v	with inspection	mide Drain	ad oil and	
USKZ Lycoming	inters C/W IAW n	paragranh h	1 & 2 Servi	ed with Evyo	n Elita 20/50)4-
Signed: Thomas	02 additive. Run up	p and leak i	inspection ok,	all functions i		A
Granite Mountain	n Aviation L.L.C.	1001	1		_526964634L	Α
928-443-8509	Prescott AZ. 8630	1				
				d Aviation, L.		
	Ιe	eft Engine			(0) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	,
oril 1, 2008		TALH				
258RM PA44-180T	S/N-44-8107029 I	Hobbs: 149	5.50 ACTT: 4	513.80 SMOI	I: 752.40	
Completed 100 hour	r inspection in acco	ordance FA	R Part 43 app	endix (d). Cha	nged oil and	oil filter.
spected removed oil	6.5 quarts of Evyo	o screen IA	W AD 80-04-	03R2 no conta	mination fou	ınd.
rviced engine with sults #1 66/80 #2 74	780 #3 75/80 #4 70	1/80 Clean	ed and gappe	ed magneto tin	ning. Compre	ssion test
carburetor part # 10-	-5256 s/n P010838	and install	ed serviceable	e model HA-6	s. Kellioved carburetor na	model HA- art # 10_
56-1 s/n 002202. Co	omplied with groun	nd run and	leak inspection	n. all function	s normal	
I CERTIFY THAT	THIS ENGINE W	AS INSPE	CTED IN AC	CORDNACE	WITH A 100	HOUR
~~~~~~~	VAS DETERMINI	EDZO BE	INANAIRW	ORTHY COL	<b>NDITION</b>	
SPECTION AND V		/				
SPECTION AND Vgned: Thomas L. To	owne / fam	1"				26964634I <i>A</i>
SPECTION AND Vegned: Thomas L. To ranite Mountain Avi 43 Crystal Lane Pre	ation, L.L.C.	1"	/	100 Pages 8309		26964634L

90 HOUR

Left engine

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

#### Left Engine

May 15, 2008

TACH

N258RM PA44-180T S/N-44-8107029 Fabbs: 1596.70 ACTT: 4615.00 SMOH: 853.60

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

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

Signed: Thomas L. Town

526964634IA

Granite Mountain Aviation, L.L.C

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

#### Left engine

June 18, 2008

N258RM PA 44-180T S/N-44-8107029 Tach: 1641.40 ACTT: 4659.70 SMOH: 898.30 Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal. Signed: Thomas L. Town -Granite Mountain Aviation, L.L.C. 6543 Crystal LN Prescott AZ. 86301

928-443-8509

#### Left Engine

July 17, 2008

TACH

N258RM PA44-180T S/N-44-8107029 Hebbs: 1689.10 ACTT: 4707.40 SMOH: 946.00

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

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

Signed: Thomas L. Town

526964634IA

Granite Mountain Aviation, L.L.C

6543 Crystal Lane Prescott, AZ. 86301

928-443-8509

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ENGINE MAINTENANCE -	INSPECTION	-	REPAIR	-REPLACEMENT	RECORDS

Left engine	
August 25, 2008 N258RM PA 44-180T S/N-44-8107029 Tach: 1741.60 ACTT: 4759.90 SMOH: 998.50 Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run ap 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	
Left Engine	
October 10, 2008  N258RM PA44-180T S/N-44-8107029 Hebbs: 1784 30 ACTT: 4802.60 SMOH: 1041.20  Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil filter. Inspected removed oil filter and oil sump screen IAW AD 80-04-03R2 no contamination found. Serviced engine with 6.5 quarts of Exxon 20/50 Elite oil. Inspected magneto timing. Compression test results #1 72/80 #2 72/80 #3 73/80 #4 75/80. Cleaned and gapped all spark plugs. Replaced #2 and #4 cylinder rocker cover gaskets. Complied with ground run and leak inspection, all functions normal.  I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION  Signed: John P. Morgan  Cranite Mountain Aviation, L.L.C. 6543 Crystal Lane Prescott, AZ. 86301  928-443-8509	
Left engine	
November 4, 2008 N258RM PA 44-180T S/N-44-8107029 Tach: 1838.40 ACTT: 4856.70 SMOH: 1095.30 Completed 50 hour inspection in accordance with inspection guide. Drained oil and replaced oil filter. Opened and inspected removed oil filter for contamination. AD 80-04-03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50 oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.  Signed: William D. Broome Granite Mountain Aviation, L.L.C. 6543 Crystal LN Prescott AZ. 86301 928-443-8509	
AND WILL REMAIN WITH THE PERMANENT AIRCRAFT LOG BOOKS.	Ē

DAO		
PAG	E	

Left Engine

November 18, 2008  TA CH  N258RM PA44-180T S/N-44-8107029 Habbs: 1883.0 ACTT: 4901.30 SMOH: 1139.90  Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil 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. Compressi results #1 72/80 #2 69/80 #3 62/80 #4 65/80. Cleaned and gapped all spark plugs. Replaced #2 cylinder rocker cover gaskets. Removed #1 cylinder and replaced with serviceable cylinder assection with ground run and leak inspection, all functions normal.  I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 Her INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION  Signed: John P. Morgan	on test and #4 embly.
Troditani Aviation, L.L.C.	0618IA
6543 Crystal Lane Prescott, AZ. 86301	
928-443-8509	
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edita ita bas ito osgasits. Lisa gibasaga 63-tg il Med sedebtosas autoroses ar sum otta estratore a	
Left engine	
December 9, 2008  N258PM PA 44 180T SAL 44 0107020	
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	
- Topiaced off intel. Opened and inspected removed oil filter for contamination AD on our	
03R2 Lycoming lifters C/W IAW paragraph b. 1 & 2. Serviced with Exxon Elite 20/50	
oil with LW 16702 additive. Run up and leak inspection ok, all functions normal.  Tightened exhaust flange nuts on #2 cylinder.	
Signed: William D. Dugama	
Granite Mountain Aviation, L.L.C. A&P400922484	
6543 Crystal LN Prescott AZ. 86301	
928-443-8509	
Left Engine	
February 6, 2009	
N258RM PA44-180T S/N-44-8107029 Feets: 1978.6 ACTT:4996.9 SMOH: 1235.5	
Completed 100 hour inspection in accordance FAR Part 43 appendix (d). Changed oil and oil fi	lter.
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	ı test
results #1 75/80 #2 65/80 #3 62/80 #4 73/80. Cleaned and gapped all spark plugs. Replaced #2 #3	
_ #4 cylinder rocker cover gaskets. Replaced #4 cylinder induction tube gasket. Complied with ground	and run
and leak inspection, all functions normal.	
_ I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HO	UR
_ INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION	
Signed: William D. Broome A&P4009	922484
Granite Mountain Aviation, L.L.C.	
_ 6543 Crystal Lane Prescott, AZ. 86301	
928-443-8509	
HIS DOCUMENT IS A DEPARAMENT	

	Left engine		
February 26, 2009 N258RM PA 44-180T S/N-44-8 Completed 50 hour inspection. Description of the removed oil filter for contaminate paragraph b. 1 & 2. Serviced with and leak inspection ok, all function of the signed: William D. Broome Granite Mountain Aviation, L.L. 6543 Crystal LN Prescott AZ. 86, 928-443-8509	prained oil and replaced oil filte ion. AD 80-04-03R2 Lycoming h Exxon Elite 20/50 oil with Lyons normal. Replaced screw on C.	r. Opened and inspected g lifters C/W IAW W 16702 additive. Run up	
March 30, 2009 N258RM PA44-180T S/N-44-810 Completed 100 hour inspection inspected removed oil filter and oil serviced engine with 6.5 quarts of results #1 72/80 #2 64/80 #3 72/80 rocker cover gaskets. Complied was I CERTIFY THAT THIS ENGINSPECTION AND WAS DETE Signed: William D. BroomeGranite Mountain Aviation, L.L. 6543 Crystal Lane Prescott, AZ. 8928-443-8509	in accordance FAR Part 43 appell sump screen IAW AD 80-04- Exxon 20/50 Elite oil. Inspected #4 66/80. Cleaned and gapped ith ground run and leak inspect INE WAS INSPECTED IN ACCOMMENDATORE IN AN AIR VALUE OF THE PROPERTY O	endix (d). Changed on and 03R2 no contamination for the distribution of the distributi	ression test 1 #2 and #4
	snisna As I	**************************************	_
9949 SMOH: 1235.5	774CH 1978.6 ACTT:4	cy 6, 2009 M PA44-180T SNV-44-81	Ebrua L N258R
	Aircraft	ry 6, 2009 M PA 44-1801 SAV-44-81 olated 100 hour inspection of removed oil filter and of eneme with 6.5 counts	

Completed 50 hour inspection.

Checked operation of all lights, pitot heat and stall warning. Serviced hydraulic fluid and battery. Dressed and painted propeller blades. Replaced both landing lights with new.

Replaced right fuel pressure sender with serviceable unit. Operational check ok.

Signed: William D. Broome

Granite Mountain Aviation, L.L.C.

6543 Crystal LN Prescott AZ. 86301

928-443-8509

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	Striggt All to Market
	Left engine —
	April 30, 2009 —
	N258RM PA 44-180T S/N-44-8107029 Tach: 2128.50 ACTT: 5143.80 SMOH: 1385.4
323	Completed 50 hour inspection. Drained oil and replaced oil filter. Opened and inspected
Cint	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.
gán	Signed: William D. Broome Wally. Thomas A&P400922484 —
Med to	Granite Mountain Aviation, L.L.C.
	6543 Crystal LN Prescott AZ. 86301
	928-443-8509
_	THE TAX THAT THE ENGINE WAS ARRESTED ON THE WORLD OF THE WORLD ON THE
·	Loft Engine
- May	Left Engine
	RRM PA44-180T S/N-44-8107029 Hobbs: 2170.9 ACTT: 5189.2 SMOH: 1427.8
C0.	impleted 100 nour inspection in accordance FAR Part 43 appendix (d) Changed all and the
mspe	cited removed off fifter and off slimp screen IAW AD 80-04-02D2 no contomination of
DOLVI	ced engine with 0.5 quarts of Exxon 70/50 Flite oil Inspected magnets timing Committee of the control of the co
resur	$3 \pi I / 1/00 \# 2 / 3/00 \# 3 / 0/80 \# 4 / 0/80 $ (leaved and gapped all graph places D
Pullip	Part # 21300 3/11 4723 / allu IIISIAIIEO IETT Vacillim numn nort # 21500 a/a 64225 1 1 1 1 1
LICIO	recessories, inc. CRS # I V4KO88W See FAA form X130-3 for details Demless 11.6 c. 1
press	are sender. Replaced screw on #4 cylinder rocker cover. Run un and leak check inspection als
Tunct.	ions norman.
Dich	ERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDNACE WITH A 100 HOUR
TIME	ECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS
	d: William D. Broome (1)://- Porton
	te Mountain Aviation, L.L.C.  A&P400922484
	Crystal Lane Prescott, AZ. 86301
928-4	43-8509
	Committee Assessment Assistance L.J. A.
	Left engine
	June 30, 2009
With Tim	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
L. P. S. T.	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 / Alli ) Throw A&P400922484
	Granite Mountain Aviation, L.L.C.
	6543 Crystal LN Prescott AZ. 86301
HII I	928-443-8509

PAGE	
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Inspected removed oil filter Serviced engine with 6.5 or results #1 78/80 #2 78/80 drain hose, replaced broke replaced rocker cover gash replaced turbocharger with Systems, Inc. CRS # MAN	er and oil sump screen L quarts of Exxon 20/50 E #3 73/80 #4 76/80. Clea en heat shield clamps, re- kets on #1 #2 and #4 cyl h exchange unit part # 4 MR190K see FAA form ormal.	68.9 ACTT: 5287.2 SMCAR Part 43 appendix (d). AW AD 80-04-03R2 no olite oil. Inspected magnet and gapped all spark placed grommets on #2 a linders, and replaced #2 c 65398-9002 s/n VD-L01 8130-3 for details. Compare CTED IN ACCORDN	contamination found. to timing. Compression test plugs. Replaced fuel pump and #4 cylinder baffles, cylinder primer line and 02 overhauled by Main Turbo plied with ground run and leak  ACE WITH A 100 HOUR	
TIME. Signed: William D. Broom Granite Mountain Aviation 6543 Crystal Lane Presco 928-443-8509	on, L.L.C.	). Duone	A&P400922484	
EPT 24,2009, TAC.	H: 246B-9 12ED LOUZE SFI IM. S. BROOM	ARK PLUG-LEAD ON L 4609224BF A+	V#Z CyciniteR	
	Lead has on and lead	eft engine	pressure sender. Replaced ser- mactions normal.	_
Drained oil an contamination. A with Exxon Elite functions norma Signed: William	d replaced oil filter. Ope AD 80-04-03R2 Lycome 20/50 oil with LW 16'd.	Tach: 2319.80 ACTT: 5 ened and inspected removing lifters C/W IAW para 702 additive. Run up and	wed oil filter for agraph b. 1 & 2. Serviced	
		Left Engine		_
Completed 100 he Inspected removed other engine and er details. Serviced er Compression test re Replaced induction gaskets. Replaced I CERTIFY THE INSPECTION AN TIME.  Signed: Thomas L Granite Mountain	OT S/N-44-8107029 Ho our inspection in accord oil filter and oil sump s ngine accessory A.D.s th ngine with 6.5 quarts of esults #1 74/80 #2 76/80 in tube gaskets on #2 and exhaust heat shield clan AT THIS ENGINE WA ID WAS DETERMINE	bbs: 2366.0 ACTT: 5384 lance FAR Part 43 appendence IAW AD 80-04-03 arough 2009-24 n/a or pc Exxon 20/50 Elite oil. M 0 #3 72/80 #4 74/80. Clean 1 #4 cylinder. Replaced # 1 pp on #4 cylinder. Repair 2 INSPECTED IN ACC	R2 no contamination found. All w. See A.D. Compliance record for agneto timing within limits. aned and gapped all spark plugs. 1,#2 and #4 cylinder rocker cover	

PAGE	

Left engine	CONTRACTOR OF THE PROPERTY OF
January 6, 2010  N258RM PA 44-180T S/N-44-8107029 Tach: 2407.0 AC  Drained oil and replaced oil filter. Opened and inspecte contamination. AD 80-04-03R2 Lycoming lifters C/W IA with Exxon Elite 20/50 oil with LW 16702 additive. Run functions normal.  Signed: William D. Broome  Granite Mountain Aviation. L.L.C.  6543 Crystal LN Prescott AZ. 86301  928-443-8509	d removed oil filter for ——————————————————————————————————
with \$50 bushing I Av S. I. *13 may note with Desharable may P.N. A299409 GR (cestioner supplied) Propies from such O/H pund P.N. Lw  runling and leik chark typed w. C. 2  1-29-10 fact 2451,4 Replaced ver  personaling Removed Cester for separ	16947 S. N. AA 25 750. 0168 Johntond Ar 3287177 nathan with spriceally antenant pelearg clated

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

03-06-2011

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

HOBBS: 1958.9 Tach: 2465.6 SMOH: 1722.5

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

Filly AND 30011587,

-	•	1	J	_	
					Control of the Contro

11-11 Hopps: 1990.7 Tach: 2483.5 SWI Removed caberator SN: and wistoried Off Carber Sae Armona Ar Craftsman now order # 19696. Cheen for leave run and set ricle and ricle mature, and check for leave numal, attentil that flown and eps check name.  The changed Engine oil and oil filter. Inspected oil filter #AW AD 80-04-03 R2, and no confannation found.  Exxivol Elike 20150 oil to comply with AD 80-04-03	sond operation. Ellewis
numed, attend that flown and eps check named.  The House 2016.9  Tack: 2506.7  Changed Engine oil and oil filter. Inspected oil filter	In May A 4P 3007758
numed, attend that flown and eps check named.  The House 2016.9  Tack: 2506.7  Changed Engine oil and oil filter. Inspected oil filter	In May A 4P 3007758
10-11 Hotes: 2016.9 Text: 2506.7 30  Changed Engine oil and oil filter. Inspected oil filter	In 1/9 A D 3007758
10-11 Hours: 2016.9 TACH: 2506.7 So Changed Engine oil and oil filter. Inspected oil filter	
Changed Engine oil and oil filter. Inspected oil filter	not: 1763.6
Changed Engine oil and oil filter. Inspected oil filter	not: 1763.6
Changed Engine oil and oil filter. Inspected oil filter	7001. 7100.0
1 410	+ oil sump street
FAW AD 80-04-03 K2, and no contamination 15	JEST VICEU
- Clife 20150 Oll to roundy wi AU DO	RZ. Engle ground run
EXYOU FILE WISE OF THE	1
and no legks detected, all ops normal.	1/1/2 AAP 300758
	er , 4.
	NACODM
Left Engine Logbook Entry	N258RM S/N: L-203-74
-1/- ²⁰¹² TO-360-F1A6D	5/ N. L-205 / I
OH: 1797.7 bbs: 2058.6 Hrs.	
1. 2540 Q Hrs	
	and as outlined in Manufactures
rform Annual Inspection in accordance with FAR 43 Appendix D aintenance Manual. AD's and SB's checked. AD 2010-07-08 N/A by S/N ar	nd rebuild date. AD 2011-13-03 N/A
2 /N	charly hillos (ii) (iii)
Cmaccion checks: #1 /0/00, #0 00/	1 VD OU UV H3 K7 CUIIIIIIEU MIUI D)
1 conned testell dill itilistanca.	for confaminants instance nev
seaned, re-gapped, tested, tested and oil. Inspect oil filter and oil sump screes of Exxon Elite 20/50 aviation oil. Inspect oil filter and oil sump screen ampion oil filter. Controls checked and lubed as required. Engine grounds and lubed as required.	ound ran and checked for leaks and
ormal operations, all checks OK	2 /1gr A+P 30077587A
inal operations,	En 1 31

**FUNCTION TEST:** 

Test Name		Notes
float level	Pass	

ADs AND SERVICE BULLETINS:

Number	Method of Compliance	Number	Method of Compliance
58-11.	chu.		
5B-10.	clw.		
5B-6.	Plc/w.		
56-5.	c/w.		
SB-3. 1	MA to Plw.		
58-2.	C/W.		

PARTS LIST:

Qty	P/N	Qty.	P/N	Qty.	P/N
1	666-1001 Float Kit	7 -			
The same of the sa	AVIG-A108 Gashet				
	16-8302 Gasket				
	16-B322 Gasket				
2	AU28-AllI washes				
1	78-A299 washer				
/	82-14 Pin				
/	44-221 O-ring				

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

Roboto-Jan Sune 12,2010 MECHANIC DATE

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

REV. 08/00

10-185

### **Maintenance Release** June 17,2010 Description: Magneto Manufacturer: Preci Model: Part No.: Serial No.: Do2202 Total Time: escription of Work Performed: ormed a repair TEST & NOTIFY ____ TOTAL LABOR HOURS /- O 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. Notes 2020 Clubhouse Drive Prescott, AZ 86301 928-717-1680

Number	RVICE BULLETINS:  Method of Compliance	Number	Method of Compliance
5B-11.	c/w.		
	clw.		
5B-10. 5B-6.	Plalw.		
56-5.	clw.		
58-3. A	Ula to Plw.		

$=$ $\mp$	S LIST:	Otri	P/N	Qty.	P/N
(ty	P/N	Qty.			
/	666-1001 Float Ki	4			
/	AVIG-A108 Gashet			•	
/	16-8302 Gasket				
	16-8322 Gasket				
	AU28-AIII washes				
	78-A299 washer				
/	82-14 Pin				
,	44-221 O-ring	1			

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

Robit L. Jan Sune 17, 2010 MECHANIC DATE

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

NSPECTOR DATE

+ 93443683

REV. 08.00

10-185

09-236	CO	MPON	ENT W	ORK	ORDER	Ι	DATE 6-25-09
Component Carburetor Manufacturer Pecision Part Number 10-5256 Serial # DO-2-171			(	Custor Model	mer Name mer PO# on Unit		Northaire HA-6
WORK NEEDED: OVERHAUL_	Х	REPAI	IR	_	TEST ONL	Y	TEST & NOTIFY
WORK PERFORMED:  Lissusembled. Clean  Tested. Returned  FSM-OBY  FUNCTION TEST:	ed	Inspe	ecteo Serv	). R	eplaced per hec	Sisis	TOTAL LABOR HOURS 2.5 or sted below.
Test Name		T		T		-	
float level.		6	ass				Notes
		- /	ددی				
ADs AND SERVICE BULLETINS:							
Number Method of Com			i Ni				
M5A-13. C/w	Mance			mber	20 1		ethod of Compliance
AD9425-04 MSA-6. NI	Atop	la,			9. NA	-	
MSA -3 RI. C/w.		,,			8. NA		
58 Al-82. Not at this time.			5/3	- 1	71. N/A		
56A-1-81 NA tosh.			5.7	1		1/4	
5BA2-19. NAto Ph.							
PARTS LIST:							
Qty P/N	Qty.		P/N	1		ty.	P/N
2 44-220 - B-Rina	/	16-		Gast	letkit	7.	F/IN
1 44-221 O-Ring	1	233-6		Va	lue		
711119						_	
1 44-224 O-Ring							
1 44-224 O-Ring 2 AV55-255 Retainer						+	
1 44-224 O-Ring 2 AV55-255 Retainer 2 AU60-A160 Boshing							
1 44-224 O-Ring 2 AV55-255 Retainer 2 AU60-A160 Bushing 2 AU78-AIII washer							
1 44-224 O-Ring 2 AV55-255 Retainer 2 AU60-A160 Boshing							

AC Assigned W/O# 19696
Form107.component work order.wpd

7-10-09 DATE

REV. 08/00

iption: Carburetor HA-6 No.: DO-2-171  Interpretation of Work Performed: Formed a rover haul. Dissasembled.  Paned. Inspected. Replaced parts listed Component work order number 09-236.  Part No.: 10-5256  Northaire  HA-6  HA-6  Part No.: 10-5256  Northaire  HA-6  Part No.: 10-5256  Total Time:  Northaire  HA-6  Part No.: 10-5256  Northaire	-09
tion of Work Performed:  Northaire  Northaire  Northaire  Northaire  Northaire  Northaire  Northaire  HA-6  Component work order number 09-236.  Hout level. Clw SB's and AD's.  TEST & NOTH	BORDON STATE
tion of Work Performed:  Northaire  Northaire  Northaire  Northaire  Northaire  Northaire  HA-6  Component work order number 09-236.  HOURS Sisten AD'S.  TEST & NOTH	MONTON CONTROL OF THE
comed a roverhaul. Dissasembled.  Inspected. Replaced parts lister HA-6  Composent work order number 09-236.  Hout level. Clw SB's and AD's.  TEST & NOTH	
ned. Inspected. Replaced parts listed HA-6  Component work order number 09-236.  Topponent work order number 09-236.  Topponent level. Clw SB'S and AD'S.  TEST & NOTH	200 E 10 L 20
t float level. C/w 5B'S and AD'S.	
Float level. C/w 5B3 and AD3.	
TOUR TOUR TOUR TOUR TOUR TOUR TOUR TOUR	
	FY
ision service manuel FSM-OHB.	
nal details of work performed on the attached Work Order No. 19666  TOTAL LABOR HOU	1 -
nal details of work performed on the attached work Order No. 2007  TOTAL LABOR HOU by a article is approved for return to service, to the extent of the work	RS ~·S
ned The District of the Distri	10w.
red.  ALDERICASSES MILITION SErvice.	marvel
cera. Kug A+P526683869 7-10-09 Ecision Service.  Certificate No. Date	
Signature / //	
Air-Craftsman, Inc. 2020 Clubhouse Drive Prescott, AZ 86301 928-717-1680	
Notes	
Challes	
Float level. Pass	
Ds AND SERVICE BULLETINS:	
Method of Compliance	
Number   Wichou of Computation	
1/5A-13. CIW	
AD94/25-04 MSA-6. NATOPIN. SBAZ-78. NATOPIN.	
	li li
TIGHT 3 N. CIW.	
IN 3 N. CIW.	
TIGHT SA. CIW.	
58 A1-82. Notat thistine. 513 A1-71. Watopla. 58 A-1-81 NA tosh. 5:115-14. c/w.	
58 A1-82. Not at thistine. 513 A1-71. Watoplu. 58 A-1-81 NA tosh. 511 M3-14. C/w.	
15. 152. Not at this fine. 5BAI-71. NATOPA.  5BAI-81 NATOSA. 5:115-14. C/w.  5BA2-79. NATOPA.  ARTS LIST:	
15 50. Compatible SBA1-71. Watoph.  58A1-81 NA tosh.  58A2-79. WATOPh.  ARTS LIST:	
15 5 1. Clarifine. SBA1-71. Watopw.  58A-1-81 NA tosw.  58A2-79. WATOPW.  ARTS LIST:  Qty P/N Qty P/N Qty P/N	
15. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
15 5 1. Clarifine. SBA1-71. Watopw.  58A-1-81 NA tosw.  58A2-79. WATOPW.  ARTS LIST:  Qty P/N Qty P/N Qty P/N	
15. 152. Not at this time. 5BAI-71. NIA to Plu. 6BA-1-81 NA to S/N. 5:115-14. c/w. 6BA-1-81 NA to Plu. 6BA2-79. N/A to Plu. 6BA1-71. N/A to Plu. 6BA1-79. N/A to Plu. 6BA2-79. N/	
11. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
13. St. Clare SBA1-71. Watoplu.  13. BBA1-82. Actat thistime.  13. BBA1-81. Watoplu.  13. BBA1-79. Watoplu.  13. Silvis-19. Clw.  13. Silvis-19. Clw.  13. Silvis-19. Clw.  14. S	
15	
13. St. 182. Astat thistine. SBA1-71. Watoplu.  58A-1-81 NA to Sh. Sil M3-19. Clw.  58A2-79. WATO Ph.  Oty PM Oty PM Qty PM  Qty PM  2 44-220- O-Ring / 233-699 Value  1 44-221 O-Ring / 233-699 Value  2 AV55-255 Retainer	
15. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
28 A1-62. Not at this time.  58 A1-71. NA to Plu.  58 A2-79. NA to Plu.  PARTS LIST:  Qty  PN  Qty  PN	
11. St. 1. St. 1. St. 1. Natoph.  SBA1-81 NAtosh.  SBA2-78. NAtoph.  SBA2-78. NAtoph.  PARTS LIST:  Qty PN Qty PN Qty PN Qty.  2 44-220 - O-Ring / 16-762 Gosketkit  / 44-221 O-Ring / 233-699 Value  / 44-224 O-Ring / 233-699 Value  2 AV55-255 Retainer  2 AU60-A160 Bushing  2 AU78-A111 washer  2 82-14 Pln  / 666-1001 Float kit	
BAI-62. Astat Histine.  5BAI-71. Natoplu.  5BAI-81 NATOSN.  5:115-14. Clw.  53BAI-75. NATOPN.  2ARTS LIST:  Oty  PN  Oty	
115 St. 152. Notat thistine. SBAI-71. NIA to Plu.  15BAI-181 NIA to Sh. Sil NIS-19. C/w.  15BAI-181 NIA to Sh.  SBAI-71. NIA to Plu.  SIA 1-71. NIA to Plu.  SBAI-71. NIA to Plu	7-/0-0
18	
ARTS LIST:  Oty  P/N  Qty	
18	
18	

Maintenance Release

09-236

PAGE	

	Make:	Lycoming	Date: <u>02/25/2013</u>	/ETESDI	
-	Model	TO-360-E1A6D	Tach: 2590.53 D	SEID, NE	ANT
	S/N:	<u>L-102-73</u>	Hobbs: 2138.6	3652 Dielembert	
	Reg. Number:	N258RM		3653 Rickenbacker Stree	
			TIID		ise, ID 83705 208-345-3730
	Drained oil and	replaced filter with an AA	LH Engine log		
	contamination ne	oted. Added 6 ats of Exx	on Elite 20W-50. Complied and in	spected old filter – no excessive	
	I his aircraft and/or o	component(s) identified above way with respect to the work perform	on Ente 20 w-50. Complied we check satisfactory, no defects a sar repaired and/or inspected per current med, subsequently approved to return	spected old filter – no excessive ith AD 08-04-03 R2, Oil added cont noted on work performed. It Regulations of the Federal Aviation Admir to service.	ains anti-
-	A&P 3606080	A Source	2. 17/2 Z		
-				Provided Common	
FNGIN	E MODEL: TO-360-E1A6D	ETOPBEATE		- 100 2	20.0
ENGIN	E S/N (L): L-102-73	Jetstieaiii			DATE: 11/22/2013
	IO: N258RM ORDER: 0130-10-2013	3591 Rickenba Boise, ID 8370	cker St		A/C TSN: 5652.4 ENG TT (L): 1891
		Phone: 208-34		Street, Co. Selfscon seas 5-16 Control of	TSMOH (L): 1891 TACH: 2634.1
	ngine Entries	×1			
14	Installed new rings, ho	oned cylinder. Installed cylinder wit	h new gasket kit. In reference to Lycomi	ng O/H Manual P/N: 60294-9-2	
16 37	Replaced oil screen oi	n LH Engine in reference to Lycom	ning O/H Manual P/N: 60294-9-2		
	4-75/80 Serviced with	Exxon Flite 20w50 oil Ground	Tun look about a state of the blogs, Checker	pendix D Replaced filter with a AA 48103-2 filted to compressions as follows: #1-74/80 #2-77/80 # oted on work performed. All applicable ADs in e was determined to be in ainworthy condition.	er. Opened and #3-0/80 # ffect on this
Mainten	ance Release			and the manufactury defination.	
The airc return to	raft and/or component(s) service.	on N258RM was repaired and inspe	cted in accordance with current FARs rules	s of the Federal Aviation Regulations and was foun	d Airworthy for
DATE:	11/22/2013	SIGNED: A	1. Ye-	princed to come	
		Down	7		er: 0130-10-2013
	_			Drintad his FDia 0 (	datcomedia.com)
	ENGINE MODEL:	JETSTREAM Jets	tream Aviation	DATE: 3/6/2014	
	LTO-360-E1A6D ENGINE S/N (R): L	-102-74 3591	Rickenbacker St	A/C TSN: 5687.8 ENG TT (R): 5945.4	
4	REG. NO: N258RN WORK ORDER: 0191-03-2014	20,00	, ID 83705 e: 208-345-3730	TSMOH (R): 1926.4 TACH: 2683.6	
-	Right Engine	Entries			
	Added 6 qts 01	nd replaced filter with an AA4810 Exxon Elite 20W-50. Complied with factory, no defects noted on work p	3-2 filter. Opened and inspected old filt in AD 08-04-03 R2, Oil added contains a performed.	er – no excessive contamination noted. anti-scuffing additive. Engine run-up and	
-	Maintenance Relea	ase			
	The engine and/or	component(s) on N258RM was renaired	and inspected in accordance with current EA	Rs rules of the Federal Aviation Regulations and	
	was found All World	y for return to service.	2 did inspected in accordance with current PA	arks rules of the Federal Aviation Regulations and	
	DATE: 3/6/2014	SIGNED:	and Carrell	Work Order: 0191-03-2014	
		Paul Connell, A&P: 3	3356482	Printed by EBis 3 (datcomedia.com)	
ENGIN	E MODEL: TO-360-E1A6D E S/N (L): L-102-73	JETS: REAM Jetstream	Aviation		DATE SIGNAL
REG. N	ORDER: 0216-04-2014	3591 Rickenba	cker St		DATE: 5/20/2014 A/C TSN: 5751.2
		Boise, ID 8370 Phone: 208-34			ENG TT (L): 6008.8 TSMOH (L): 1989.8 TACH: 2732.9
Performinspect	ed with Exxon Flite 20w	50 oil Complied with AD ag at ag	Do O' Prod opant plags, Officered Collips	Replaced filter with a AA 48103-2 filter. Open essions as follows: #1-74/80 #2-76/80 #3-72/80 litive due in 50Hrs. All applicable ADs in effect of spected in accordance with a 100hr/ annual insp	ed and #4-75/80
Mainter	ance Release	CALL EL TOTAL BORGETT		A 1941	
The aird	craft and/or component(s) o service.	on N258RM was repaired and inspe	cted in accordance with current FARs rule	s of the Federal Aviation Regulations and was four	nd Airworthy for
	5/20/2014				(2)
DATE:	U/2U/2U14	SIGNED: Willow	7.76	Work Ord	er: 0216-04-2014
		Brian J. Glenn, A&P: A&P34	403535IA	Printed by EBis 3 (	

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

#### IETS: REAM Jetstream Aviation

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

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

#### **Left Engine Entries**

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

Maintenance Release

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

DATE: 8/6/2014

SIGNED: Jan Trevor R.T. Davidson, A&P: 3606080 Work Order: 0249-07-2014

Printed by EBis 3 (datcomedia.com)

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

JETS: REAM Jetstream Aviation

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

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

#### Left Engine Entries

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

Maintenance Release

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

DATE: 8/15/2014

SIGNED: J. June

Work Order: 0275-08-2014

Printed by EBis 3 (datcomedia.com)

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

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

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

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

#### Left Engine Entries

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

Maintenance Release

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

DATE: 9/3/2014

SIGNED: Trevor R.T. Davidson, A&P: 3606080 Work Order: 0282-09-2014

Printed by EBis 3 (datcomedia.com)

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

**IETS: REAM** Jetstream Aviation

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

2088.9 SIMOH

DATE: 10/22/2014 A/C TSN: 5846.5 TACH: 2020:2

2832.0

Airframe Entries Left Engine

Performed a 100 hour inspection using a checklist that exceeds the standard set forth in AC43.13 appendix D. Drained oil from LH Performed a 100 nour inspection using a checklist that exceeds the standard set forth in AGG. To appendix 0. Drained of forth the engine and replaced with 6 quarts of 20W50 Elite. Removed, opened and inspected filter. No excessive contaminates noted. engine and replaced with 6 quarts of 20W50 Elite. Removed, opened and inspected filter. No excessive contaminates noted. Replaced oil filter with AA48103-2. All applicable ADs have been complied with at this time.... Re wire-tied wiring harnesses on LH engine engine.... Re-Connected the noise filter on LH starter.... Re-connected LH primer ground wire... Replaced intake seal on LH engine engine.... Re-Connected the noise filter on LH starter... Re-connected LH primer ground wire... Replaced Brackett air filter #4 cylinder.... Re-torqued LH engine sump referencing the Lycoming Torques and Limits SSP-1776.... Replaced Brackett air filter element BA-3505 on Left engine.

Performed operational and leak checks as applicable on the components and/orengnie 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 a Paul Connell, A&P: 3356482 Work Order: 0294-09-2014

Printed by EBis 3 (datcomedia.com)

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

JETSTREAM Jetstream Aviation

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

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

#### **Left Engine Entries**

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminates 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

DATE: 3/12/2015

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

Work Order: 0389-03-2015

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

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

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

#### **Left Engine Entries**

Performed a 100Hr/Annual Inspection using a checklist meeting the requirements of FAR 43 appendix D Replaced filter with a AA 48103-2 filter. Opened and inspected filter – no excessive contamination noted. Cleaned and gapped spark plugs, Checked compressions as follows:#1. 70/80 #2. 78/80 #3.78/80 #4. 70/80. All applicable ADs in effect on this date. Ground run leak check satisfactory, No defect noted on work performed. I certify that this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Release

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

DATE: 6/24/2015

SIGNED:

Work Order: 0434-05-2015

Brian J. Glenn, A&P: A&P340353

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

**Jetstream Aviation** 

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

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

#### Left Engine Entries

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

Maintenance Release

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

DATE: 6/27/2015

Trevor R T Davidson, A&P: 3606080

Work Order: 0446-06-2015 Printed by EBis 3 (datcomedia.com)

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

JETS: REAM Jetstream Aviation

SIGNED

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

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

#### **Left Engine Entries**

Drained oil replaced oil filter with P/N: AA48103-2. Opened and inspected old filter, no contaminates 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

Work Order: 0483-09-2015

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

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### ENGINE MODEL: TO-360-E1A6D JETSTREAM Jetstream Aviation

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

DAIL. 1/191/0 A/C TSN: 6005 ENG TT (L): 6262.6 TSMOH (L): 2243.6 TACH: 2986.7

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 Performed a Tourit/Affilia inspection using a checklist meeting the requirements of FAK 43 appendix D Dialined on replaced on liner with FAK. A440 103-2. Opened and inspected old filter, no contaminates noted. Serviced with 6 qts of Exxon elite 20W-50 oil complies with AD 08-04-03 R2 due every 50hrs. Cleaned and gapped and inspected old filter, no contaminates noted. and inspected old filter, no contaminates noted. Serviced with 6 qts of Exxon elite 2000-50 oil compiles with AD 06-04-03 R2 due every 50ills. Gleaned and gapped spark plugs, Checked compressions as follows:#1.75/80 #2.76/80 #3 77/80 #4 76/80. All applicable ADs in effect on this date. Ground run leak check satisfactory,

Removed left exhaust system and sent out to Knisely for repair installed Exhaust after repair in reference to Lycoming OM P/N: 60294-7 and SSP-1776. I certify that

this engine was inspected in accordance with a 100hr/ annual inspection and was determined to be in airworthy condition.

Maintenance Re	elease
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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

Brian J. Glenn, A&P: A&P340\$535IA

Work Order: 0517-11-2015

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4-20-17 TACH 3005.8 Compression #1-74 #2-64 #3.78 #4-72

Installed all new RHB 37E spark pluss. Oil and littles not changed due to only 3.4 hr since oil change littles not changed due to only 3.4 hr share oil change untoked system. Inspected exhaust and intoked system. Inspected engine controls. Eldow Hotel APP 3617647

Date 4-30-1] Aircraft Fotal Time. I Certify That This POWER PLANT Has Been Inspected in Accordance With An ___ Inspection And Been Determined To be In Airworthy Condition. Certificate No.

5-13-18 TACH 3148.5 Compression #1-72 #2-68 #3 cleaned gapped rotated plugs, changed oil o Inspected exhaust and

> Date 5-13-18 Aircraft Total Time 3148.5 I Certify That This_ Been Inspected In Accordance With An Inspection And Been Determined To Be in Airworthy Condition. Certificate No.

Changed oil and filter e/w AD80-04-03R2 Eldon Holy A9P3617647 TACH 3197.2 2-11-19