

N 53533

ENGINE LOG



STARTED 10-22-03

CLOSED 5-1-14

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been O-360-A4M

MODEL

SERIAL NO._ L-39267-36A

DATE 7-28-03

(AUTHORIZED REPRESENTATIVE)

LYCOMING ENGINES

652 Oliver Street Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

	Engin	e Time	Recorder					
Date	This Date	Since Major	Reading	Maintenance			Signature	Certificate N
19/03	Brought Forward		25.0	Drul vil, chal Il Durchll 15/50	nd Remarks	APRIL 23, 2004 N53533 PA28-181 S	/N 2843579 TTAF 103.	0
		fille. ord al pun su	C/1981			COMPLETED 100HR INSPECTION. DRAID CHANGED FILTER. SERVICED WITH AERC FILTER. CHECKED MAG TIMING. CLEANE DRAINED FUEL BOWL, CLEANED FUEL SC COMPRESSION CHECK #1 78/80 #2 76/80 #3 SATIFACTORY. I CERTIFY THAT THIS ENC AN 100HR INSPECTION AND WAS DETER CONDITION LAWRENCE J. DON A&P 2166889	NED OIL, CLEANED S DSHELL 15/50 OIL AN ED AND GAPPED SPA CREENS. CLEANED A 76/80 #4 78/80. A/C GR GINE HAS BEEN INSPI MINED TO BE IN AIR	SCREEN. D CH48110 ARKPLUGS. AIRFILTER. ROUND RUN ECTED IAW
Total To Carry Forward								

		EN	IGINE LOG		Service Control of the Control of th	
Date	Engine This Date	Time Since Major	Recorder Reading	Maintenance	and Remarks SMO H 263.9 Signature	Certificate No.
5-24-04	Brought Forward	152.2		DRAIN oil & Replace oil	8/24/04 Drained oil and	
	FiltER.	Service	ENGINE	with 8QT Azloshell	replaced oil filter. Serviced	BU TOTA
	W100 0il	£ 60Z	LW1670	2 oil Additive.	engine with 80ts of Leroshell // All	AXP/37105
			CA	A4P139481416	WIOD oil and 607 of W16702 Day 1900	0000
76-04		199.6	Camples	100 hr inspection of eying	0. Ladditive END - 9-16-04 Total time 267.7	
		A		oil Alter + Serviced engine	1. COMORESSION #1 760 2780 #3 760 #4 1/20	
			,	oil + 2W16 Top oid additive.	2. Changes oil, Byts Acroshell Woo + lea LW16 702	Additive.
		Sample #		Took compression: #1 80	changed oil filter.	
Total To	#2 80 #3	50 H	80. Re+1.	not mays to 25° BTDC. lot. Serviced + gapped spark	3. Replaced two missing laffle scients. A Replaced fex primer hose.	A+121370195
Carry Forward		· plug S_		BNO	1 Appaceon lex primer nose. They I share	(1)010100
		Tom	C. los	A+P of Pending		

D-1-	Engin	e Time	Recorder					
Date	This Date	Since Major	Reading	Maintenance		2000000	Signature	Certifi
	Brought Forward ->		bns)	and F	emarks	6.11		
9-16-04		297.7	297.7	5. Corrected Minor fuel 2w167	89ts of Aerostil	80W and		
•		. \	- Victoria		a oil additive. Remove	and reputed	111 - 0	
	330	12/20	2.45 3	CAN'TY by properly tighning taken	138E spork plugs. (1/2 the 7/2	Gal J. Bille F	+P/I
				tilter after associus.		, 3, 1	- 41	/_
				May 2. Wille 1/15/04	374.1 TACK. DA	PAID oil 4	ReplARE Oil	FIL
		(38)		AVP 13 X185 SE	PUICE ENGINE WITH	8QT A	FROShall W	80 9
0/19/04	- 5300	329.8	Comple	tel annual inspection of	602 CW16702 oil	Additiv	- LOWS - 3	-
			of circu	of crym. Drained oil and	* 11 11 11 11 11 11 11 11		A 4 P13	74814
			changed	oil filter. Serviced engin		- 4/		
Total To Carry Forward		1	. 7	Condelle	67.74			

Engine This Date	Since Major	Recorder Reading	Maintenance			
ward →				and Remarks	Signature	Certificate No.
	428.9 118	DRAI	oil & Replace oil Filter.	3-23-05 Tach/total time 526.9		
		NOINE W	ith 80T Achoshell w80	1. CEMPRESSION # (78/2# 279#37/20#4 /80		
) Avoyed oil 8 gts W80 Apro Shell and		
	COMPRESS	ins: /-	7/80,2-7/80,3-7/80,4-7%	(ca Lw16702 additive. Oil		
			A4P139481416	sample # 77/3	14.7	
ACE . 61	477.8	576.7	Chauged oil, 8gts	3. Changed oil filter.		
16 29		758	Aeroshell W80 and lea	4. Complied with AD 84-26-02 by		
4.75	- 315	SHEK	Lul6702 vil additive	installing new induction cair filter.		
100			changed oil tilter. Exque	5. Engine ground run all parameters	De M	
		0 / 1	groud run, All parameters Normat!	wormal. Fled	J. Lokehe F	XP 137018
		Ded	JB/1/2 AXP1370195			
		Compress	oil \$ 602 CW167 Compressions: 1-	602 CW16702 oil Additive. Compressions: 1-7/80,2-7/80,3-7/80,4-7/80 April 1980, 2-7/80, 3-7/80, 4-7/80 April 1980, 3-7/80 April 19	compressions: 1-780,2-780,3-380,4-7900 Compressions: 1-780,2-780,3-380,4-7900 Compressions: 1-780,2-780,3-380,4-7900 Compressions: 1-780,2-780,3-380,4-7900 Changed oil, 8gts Changed oil, 8gts Changed oil, 8gts Changed oil, 8gts Changed oil, 8gts W80 AproShell and Changed oil, 8gts Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Sample # 77/3 Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and Can Lw 16702 additive. Changed oil, 8gts W80 AproShell and C	Compressions: 1-780,2-780,3-780,4-790 Compressions: 1-780,2-780,3-780,4-790 477.6 576.7 I Changed oil, 8gts Aeroshell w80 and lea Lw16702 oil additive. Changed oil filter. Lw16702 oil additive. Changed oil filter. S. Engine ground run all parametrs. Normal. Normal. Normal.

AVDYNE AeroServices, LLC MAKE: Piper DATE: 05/17/05 MODEL: PA28-181 WORKORDER: 05-05-018 SERIAL NO.: PA2843579 TOTAL TIME: 577.1 REGISTRATION NO.: N53533 **TAC TIME: 577.1** Drained oil and replenished with 7 quarts of 15W50 Aeroshell oil. Captured and shipped oil sample for analysis. Removed and inspected oil filter for contaminants. None found. Installed torqued and safetied new CH48110-1 oil filter. Washed down and ran engine for leak check. None noted. This aircraft an/or component identified above was repaired and inspected in accordance with current Federal Aylation segulations and was found airworthy for return to service. Date:05/17/05 Signed: A&P#: 355463474 Total To

Carry Forward

AvDyne AeroServices, LLC

MAKE: Piper MODEL: PA28-181 SERIAL NO.:2843579 REGISTRATION NO.: N53533

DATE: 08/03/05 WORKORDER: 05-07-035 TOTAL TIME:627.0 TAC TIME:627.0

Completed a 100 Hour engine inspection this date in accordance with PA28-181 AMM.

Performed compression check #1 75/80, #2 70/80, #3 72/80, #4 74/80.

Drained oil and replenished engine with 8 qts Aeroshell 15W50.

Captured oil sample and shipped per operators request.

Removed, cut open and inspected oil filter for contaminants, none found.

Installed, torqued, and safety wire new filter PN CH48110-1.

Removed, cleaned, inspected, reinstalled and torqued all fuel primer nozzles. Removed, inspected, cleaned, gapped, tested, reinstalled and torqued all spark

9. Washed down and ran up engine for operational and leak check. Ops checked

10. Researched AD's thru ATP Navigator V July 27, 2005. No AD's due at present

This aircraft an/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Date:08/03/05 A&P#:2961783

Date	Engine	Time	Recorder	
Date	This Date	Since Major	Reading	Maintenance
Δv	Dyne AeroSe	rvices. LLC		
	KE: Piper			DATE: 09/14/05
	DEL: PA28-181			WORKORDER: 05-09-015
	RIAL NO.: PA2843	579		TOTAL TIME: 678.9
RE	CISTRATION NO	.: N53533		TAC TIME: 678.9
	Drained oil and	d replenished with	8 quarts of 1	5W50 Aeroshell oil.
	Continued and	chinned oil sample	e for analysis.	
	Domoved and i	inspected oil filter	for contamin	ants. None found.
	4. Installed torqu	ed and safetied n	ew CH48110-	None noted
	Washed down	and ran engine fo	r leak check.	None noted.
		ant identified abov	e was repaired	and inspected in accordance with
curre	aircraft an/or compor nt Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
This curre Sign	aircraft an/or compor nt Federal Aviation F	Requiations and was	e was repaired s found airwort &P#: 35546347	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or compor nt Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or compor nt Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or comporent Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or comporent Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or comporent Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05
curre	aircraft an/or comporent Federal Aviation F	Requiations and was	s tourid all work	and inspected in accordance with hy for return to service. Date:09/14/05

AvDyne AeroServices, LLC MAKE: Piper MODEL: PAZZ-181* SERIAL NO.: 2843579 REGISTRATION NO.: N53533

DATE: 10/30/05 WORKORDER: 05-10-024 TOTAL TIME: 727.9 TAC TIME: 727.9

certifie que, sauf indicatori consecución de jécrits en case 12 ont été réalisés conforma- jéces sont considérées prêtes à la remise e (4b. Authorised Signature	
Signature autorisée	N° du Certificat/Agrément
14d. Name / Nom	14e. Date (dd mmm yyyy)l Date (jj mmm aaaa)
	sential that the user/installer ensures that his/her airworthiness se 1, Il est essentiel que l'utilisateur/installateur s'assure que

instruvniA d social		-		lyne <i>AeroServices,</i> LLC	Signature	No.
Category Category Category Category Convert Incoming or full as a facet of conductant or full as a facet of conductant or full as a facet of conductant or a facet or a face			- MODI SERI/ REGEI 1. - 2. 3. 4. 5.	É:Piper ArcherIII EL:PA28-181 AL NO.:2843579 STRATION NO.:N53533 Ran aircraft to normal operating to Drained oil and replenished with 8 Captured and shipped oil for analy Removed and inspected oil filter fo Installed, torqued, and safetied new Washed down and ran engine for I craft an/or component identified above we rederal Avigition Regulations and was fo	qts of 15W50 Aeroshell oil. vsis. or contaminants. None found. w CH48110-1 oil filter.	
Pageonta	NTA)					

ENGINE LOC

_	Engin	e Time	Recorder	
Date	This Date	Since Major	Reading	Maintenance
	AvDyne Aero	Services, LLC	;	
	MAKE:Piper Arch			DATE:01/06/06
-	MODEL: PA28-18			WORKORDER:06-01-006
	SERIAL NO.:2843	579		TOTAL TIME:790.3
	REGISTRATION			TAC TIME: 790.3 d spark plugs. Installed and torqued
	checked good.	3 lbs. Ft. and insta	illeu leaus. Fei i	ormed an operational check, ops
С	his aircraft an/or con	on Regulations and	oove was repaire was found airwo ', A&P#:2961783	d and inspected in accordance with rthy for return to service. Date:01/06/06
С	his aircraft an/or con urrent Federal Aviati	on Regulations and	was found airwo	d and inspected in accordance with rthy for return to service. Date:01/06/06
С	his aircraft an/or con urrent Federal Aviati	on Regulations and	was found airwo	d and inspected in accordance with thy for return to service. Date:01/06/06
С	his aircraft an/or con urrent Federal Aviati	on Regulations and	was found airwo	d and inspected in accordance with rthy for return to service. Date:01/06/06

and Remarks Signature Certificate No.

AvDyne AeroServices, LLC

DATE:02/20/06 MAKE:Piper ArcherIII WORKORDER:06-02-012 MODEL:PA28-181 TOTAL TIME:825.0 SERIAL NO.:2843579 TAC TIME: 825.0 REGISTRATION NO.:N53533

- 1. Completed a 100 Hour Inspection this date in accordance with FAR Part 43 Appendix "D".
- 2. Ran engine to normal operating temperature and performed compression checks.
- 1) 78/80 2) 73/80 3) 66/80 4) 75/79. 3. Drained oil and replenished with 8 qts 15W50 Aeroshell oil.
- 4. Captured and shipped oil sample for analysis.
- 5. Removed and inspected oil filter for contaminents. None found.
- Installed, torqued and safetied new PN CH48110-1 oil filter.
- 7. Removed, inspected, cleaned, and reinstalled oil suction screen. No contaminants
- found.
- 8. Torqued all rocker box covers.

This-sircraft an/or component identified above was repaired and inspected in accordance with current Federal wiston Regulations and was found airworthy for return to service. Date:02/20/06 Signed: A&P#:355463474

Date	Engine Time	Recorder	
AvD	yne AeroServices, LLC	- AAAINA	Maintenanc
MAKI	E:Piper ArcherIII		D 4 mm
MODI	EL:PA28-181		DATE:02/20/06
	L NO.:2843579		WORKORDER:06-02-012
	STRATION NO.:N53533		TOTAL TIME:825.0
9.	Removed, cleaned, inspected, reg	anned tected	TAC TIME: 825.0
	plugs.	appeu, testeu, i	einstalled and torqued all spark
10.	Drained carbeurator fuel bowl an	d inspected for	el screen. No contominanto f
11.	Removed, cleaned and reinstalled	fuel primer no	ozzles and performed look and
	operational check on fuel primer good.	system. No leal	ks noted and operational check
	Washed down and ran engine for good and no leaks noted at preser	t time.	and the second s
13.	Researched and complied with all	current and p	ertinent AD's through ATP
	Navigator Revision February 9, 2		
	raft an/or component identified above ederal Aviation Regulations and was t		

AvDyne AeroServices, LLC

MAKE: Piper Archer III MODEL: PA28-181 SERIAL NO.:2843579 REGISTRATION NO.:N53533 DATE: 05-02-06 WORKORDER: 06-05-001 TOTAL TIME: 875.0 **TAC TIME: 875.0**

1. Ran aircraft to normal operating temperature.

2. Drained oil. Captured oil sample and shipped for analysis.

Replenished with 8 qts of 15W50 Aeroshell oil.

4. Removed and inspected oil filter for contaminants. None found.

Installed, torqued and safetied new CH 48110-1 oil filter.

6. Washed down and ran engine for leak check. None noted.

This aircraft and or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at agency under Work Order No.: 06-05-001 Date: 05/02/06

For AvDyne AeroServices LLC CRS #Y7NR985Y

621	Engine	Time	Recorder	
Date	This Date	Since Major	Reading	Maintenance
27.Sept. 66	Brought Forward	934.5	934.5	Ow eng. oil change
0 ,				defæls votel, Re
				Clu eng. all change defects noted, Re. letter plu CHU81101.
				,
-				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Clearwal orly removed of inspected or life to so

Serviced of 89ts. 150154 Aroschell or linstelled we

Cround van eng. no detects with any other 1978461177

07/24/07 A/C T/T 932.4 COMPLETED A 100 HOUR INSPECTION USING FAA INSPECTION REPORT. COMPRESSION CHECK: #1-78/80 #2-76/80 #3-76/80 #4-78/80. CHANGED OIL & FILTER. INSTALL CHAMPION CH 48 110-1 OIL FILTER (S/L 09/28/11) & (8) QTS OF PHILLIPS 66 20W-50 OIL. OIL FILTER TORQUED TO 16-18 FT. LBS. REPAIRED CARB HEAT BOX SHAFT BUSHINGS WITH NEW ITEMS. PERFORMED POST INSP. RUN CHECK. ALL SYSTEMS CHECK OK. NO LEAKS NOTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100-HOUR, INSPECTION & WAS/DETERMINED TO BE IN AN AIRWORTHY CONDITION

STANISLAUS S. SENK, JR. A&P 2017990 CAPITOL AIR W/O# CA7815

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS DETERTMINED TO BE IN AN AIRWORTHY CONDITION AND RETURNED TO SERVICE.

PA28-181 N53533 ANNUAL INSPECTION

- James Chare 2037245 AEP IA CAPITOL AIR W/O# CA7815



P.O. Box 4942, Baltimore, Maryland 21220 Phone: (410) 574-4144 / Fax: (410) 780-4439

Hobbs: 1126.2 Registration #: **Engine Log Entry** N53533 August 8, 2008 **Total Time:** 1126.2 Make/Model: O-360-A4M Date: 25464 Cycles: S/N: L-39267-36A W/O: TSO:

Performed a 100-HOUR Inspection:

 Performed a 100 hour/annual inspection of the engine per the Piper Archer PA-28-181 MM chapter 5-20-00.

Complied with the following Airworthiness Directives (AD's):

Checked AD's thru Biweekly 2008-15

Completed the following additional items:

- Performed a compression check. Compressions as follows: 1- 76/80, 2- 76/80, 3- 76/80, 4-
- Drained oil and took sample. Removed and cut open oil filter NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter, P/N CH48110-1. Serviced engine with 7 quarts of Aeroshell 15W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Adjusted idle speed IAW the Piper PA-28-181 Archer MM chapter 73-20-00.
- Removed propeller, Installed new alternator belt p/n 73965-019. Reinstalled propeller IAW the Piper PA-28-181 Archer MM chapter 61-10-00.

Total 1 Carry Forward

Experience the Skytech-Advantage

P.O. Box 4942, Baltimore, Maryland 21220 Phone: (410) 574-4144 / Fax: (410) 750-4439

- Installed new dipstick tube gasket p/n 72059, tightened and safetied dipstick.
- Installed new engine primer hose p/n 565-525. Ops checked and leak checked satisfactory.
- Tightened and safetied A/C compressor hardware.
- Installed new points p/n 3081and capacitor p/n K3984. Performed SB 584A and SB 583A IAW instructions and found carbon brush worn. Installed new carbon brush p/n K3215. Internally timed and reassembled LH magneto. Installed and timed LH magneto to engine. Work done IAW the Slick magneto 4300 series overhaul manual.
- Installed new points p/n 3081and capacitor p/n K3984.Performed SB 584A and SB 583A IAW instructions and found carbon brush worn, Installed new carbon brush p/n K3215. Internally timed and reassembled RH magneto. Installed and timed RH magneto to engine. Work done IAW the Slick magneto 4300 series overhaul manual.
- Installed new intake gaskets p/n 71973 on #1,#3, and #4 cylinders.
- Tightened hose clamps on all 4 drainback tubes.
- Repositioned #2 cylinder primer line to prevent chafing against #2 cylinder intake tube.
- Installed 8 new spark plugs p/n REM40E.

I certify that this Engine has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair, are on file at this agency under Work Order No: 25464 Date: August 8, 2008 for Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220. CRS#LF1R294K



P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Engine L	og Entry	Hobbs:	1145.8	Registration #:	N53533
Date:	August 25, 2009	Total Time:	964.2	Make/Model:	O-360-A4M
W/O:	26203	Tach Time:	964.2	S/N:	L-39267-36A
		TSO:			

Performed a 100-HOUR Inspection:

 Performed 100 hour/annual inspection of the engine IAW Piper PA-28-181 MM chapter 5-20-00.

Complied with the following Airworthiness Directives (AD's):

- Performed AD 2008-19-05 ECI Cylinder- Prevent Loss of Engine Power Due To Cracks at Head-to-barrel Interface by excluding engine from applicability paragraph (c) as no ECI cylinder assemblies are installed. No further compliance needed. Effective date of the AD is October 20, 2008.
- AD notes checked thru bi-weekly 2009-16. See AD log dated August 25, 2009.

Complied with the following Service Bulletins (SB's):

 Performed Piper VSP 197A Distribution of Lycoming SB584B Carbon Brush Premature Wear by inspecting carbon brush and distributor block assembly for wear IAW Slick SB3-08A compliance paragraph (1) dated September 11, 2009. No unacceptable wear noted. Next compliance due in 250 hours at ACTT 1214.2 hours or until terminating action paragraph (6) completed. Effective date of the VSP is February 26, 2009. Experience the Skytech Advantage

P.O. Box 4942, Baltimore, Maryland 21220

Phone: (410) 574-4144 / Fax: (410) 780-4439

Completed the following additional items:

- Drained oil and took sample. Removed and cut open oil filter NDN. Removed oil sump suction screen from engine, cleaned, and inspected - NDN. Installed new oil filter p/n CH48110-1. Serviced engine with 7 quarts of Aeroshell 15W-50. Ran engine - leak check satisfactory. Oil filter/screen content inspection performed per Lycoming SB 480E.
- Performed a compression check. Utilized compression tester s/n SKY0083. Compressions as follows: 1- 75/80, 2- 72/80, 3- 73/80, 4- 75/80.
- Cleaned, inspected, and internally timed LH and RH magnetos. Installed magnetos using new gaskets plr LW-12681 and 62224 and timed to engine. Work performed IAW Slick 4300 Series Overhaul Manual. Ops check satisfactory.
- Installed new exhaust muffler lower isolator attach point bolt p/n AN3-14, nut p/n AN310-3, washer p/n AN960-10 and spring washer p/n 408-833 IAW Piper PA-28-181 PM 1G20.

I certify that this Engine has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regretations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No: 26203 Date: August 25, 2009
Signed

For Skytech, Inc., P.O. Box 4942, Baltimore, MD 21220.

Tc

Carry Forward

10=2

2 0 = 2

33 S/N 2843579 Tac Engine S/N L-3926	h Time 1021.8 ¹ 57-36A Total Tir	otal Time 1021.8 ne 1021.8	2(24/2010 ce
	h AeroShell 100W		
sion and current Federal	Aviation Administr	ation regulations. This a	
MALIN			
	Engine S/N L-3926 with 50 Hour Inspection bil and filter, serviced wit intenance performed in a sion and current Federal	Engine S/N L-3926/-36A Total Tin with 50 Hour Inspection bil and filter, serviced with AeroShell 100W intenance performed in accordance with Pig sion and current Federal Aviation Administra orthy condition and is approved for return to	oil and filter, serviced with AeroShell 100W Intenance performed in accordance with Piper Maintenance Manus Ision and current Federal Aviation Administration regulations. This a Dorthy condition and is approved for return to service.

Total To Carry Forward

N53533 S/N 2843579 Tach Time 1063.9 Total Time 1063.9 05/24/2010 Engine S/N L-39267-36A Total Time 1063.9

- Complied with 100 Hour Inspection
- > Changed oil and filter, serviced with AeroShell 100W
- Compression: #1 78/80, #2 76/80, #3 78/80, #4 77/80
- ➤ Replaced #2 & #4 valve cover gaskets
- Adjusted R/H magneto to engine timing

I certify this Engine has been inspected in accordance with a100 Hour Inspection. Inspections and maintenance performed in accordance with Piper Maintenance Manual P/N 761-883 in its latest revision and current Federal Aviation regulations. This engine is in an airworthy condition and is approved for return to service.

Nicholas M. Fells A&P 3439985

ΗN	C	NE	10	-

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	ENGINE LOG	
D	Time Date Same House Beauty of	
	N53533 S/N 2843579 Tach Time 1131.7 Engine S/N L-39267-36A To	Total Time 1131.7 09/01/2010 otal Time 1131.7
	 Complied with 50 Hour Inspection Changed oil and filter, serviced with AeroShe 	ell 100W
8	nspections and maintenance performed in accordance 83 in its latest revision and current Federal Aviation r ondition and is approved for return to service.	
	licholas M. Fells &P 3439985	
Serviced engir Inspect Oil filt check Ok Che	er PA28-181 S/N 2843579 Date: 11-04-2010 Tage, Oil Change, Check Timing, and Compression of Ok, Install New CH48110-1 oil filter and 8 quicked AD's through Issue 2010-23-06 his Engine, Propeller and Accrues has been inspect has been determined to be in an airworthy condition of the condition of	ts W100 Aero shell oil, Run up and leek
A&P 3496744	IA John Swasey ### Swasey	Maria Sanda Cara Cara Cara Cara Cara Cara Cara Ca

		The second second second
washing and	Signature	Certificate No.
Tail N53533 Date 02/10/11 Hours 14/37.6		
CHANGED oil & FILTER (CHYRIIV & 8 DKS PECOSHAI WIDD). FEST RAM & LEAR CHE-		
CHED of SAMSFACTORY RESURS.		
Humberto Talavera 2777707 A&P		
Switlik Aviation Maintenance Inc Fort Myers, FL 239-936-3666		
4/12/11. Proformed compression check	1) 78/802) 78/80	3) 78/80 4) 78/80
Tach 1262.0 Cleaned gapped Rotates	Spack Blug	s. Replaced
obbs 1469. I worn Intake gaskets and	applaced worn v	alvecoves
gasket. Check may Timpy . Chan	and oil+Fit	Kr W100 8.
ground cun good Notehs. I Cactify This En	ine Has been	inspected IAI
Checkel ADS Theo 2011-08	waty condition	· Done
Total Total		11/00/
	1111	2862531

Date	Engine Time		Recorder	
	This Date	Since Major	Reading	Maintenance
	Brought Forward			
-28-11	Tach	1314.9		Changed oil + Filter
				Changed oil + Filter Added 8gts W100 Insaller
				New CH 48/10-1 Filtes
				ground oun No Leaks
	2 800	6 400	12 n 2	At This Time.
	JQ	of hot		MB AP 28625
~ . ~	V azad ž	Sales 1,11	3.40	
3 60161	A.A+1.0	har into	12/2001	Committee of the second
At Lotons	l Konsel -		- Pre-	The state of the s
Total To Carry Forward		12,		ASTRONOMICS CONTRACTOR

and Remarks		Signature	Certificate No.
12/7/2011 Changed O	il4Filter. Added 8qt	s Aeroshell loc	AD. cleen,
Tach 1360.4 gapped + ro-	tated sperk plugs. Ch	ecked mag tim	ing + ignitio
Engit 1360.4 horness. In	spected Exhaust sy:	stem. Cleaned ai	- filter Assy
Compression	on cyl's #178% #2	78/80 #3 78/80	#4 78/80.
	compliance thru BW 20		
	I contry that this	Engine	has been
- AVEC	inspection and	was determined t	o be in
3/13/2012 Ch	anged Oil and F	Her. Added	Sate
TACH: 1421,2 Aer	roshell 100 and CA	48110-1 Fil,	fer.
	1 1101	Jelephan	A+P 3587699

			OIIVE LOG		
Date	Engine Time		Recorder		
	This Date	Since Major	Reading	Maintenance	
replo A	Brought Forward	ish a raft	esbtsa :	and the first party and the second	
I Certify tha	quarts w 100 Ac ession as follow at this Engine ha	eroshell. Chan vs # 1. 74/80 # us been Inspect	ged oil Filte 3. 78/80 #3. ted in accor	eted this date. Changed Oil er. Cleaned & gaped Spark plugs. 78/80 #4, 78/80 dance with an ANNUAL Inspection Inspection Inspection Ligano Femal 1A1507923 Eugene W. Ferrel 5/20/2012	
	C 2017				
1/29/2013	1324.1	Change	oil +	Filter, Service with	
1.0	Bal	8 guardes	Aerostell	w 100 + CH48110 filter.	
		Replace	al spo	M plus will Chargist	
		BEM 386	E. lup	ip of lutura to Smole	
Total To			1	A 3313807	

Carry Forward

Date: 06/05/2013, Piper Archer III, N53533, SN 28-43579 ACTT: 1565.8, Hobbs: 1830.1 Lycoming O-360-A4M, SN L-39267-36A, Eng TTSN 1565.8

Performed 100HR/Annual Inspection IAW PA28-181 MM

Changed oil and filter, inspected old filter for contaminates, none found at this time, serviced with aeroshel 15w50 and CH48110-1 filter

checked compression all better than 70/80

checked and adjusted magneto to engine timing, cleaned and gapped spark plugs

All Airworthiness Directives researched and complied with

Maintenance Release: I certify this aircraft/engine has been inspected and or repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service

IA 3313807

Date5/01/2014; PA28-181, N53533, SN 28-43579, ACTT:1638.6, Hobbs: 1913.6 Lycoming O-360-A4M, S/N L-39267-36A, TTSN 1638.0

Removed engine from aircraft due to worn camshaft.

Maintenance Release: I certify this aircraft has been inspected and or repaired in accordance with current regulations of the Federal Aviation