

A.D./B
NUME

(AINDX3)

INDEX OF: AD'S
FULL INDEX

FOR:

TEXTRON LYCOMING
0-540 - J3CSD

AIRCRAFT TECHNICAL
101 SOUTH WILSON
BRISBANE, CA

RECORD

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

[illegible]

The Accessories Listed Below Were Overhauled and Supplied With This Engine

ENGINE: C-540 J3CSD SN. L-20893 40A DATE 9 JAN 90

P/N

S/N

P/N

S/N

L. MAG 10-382560-11 909165

PROPELLER DNA

R. MAG DNA

PROP. GOV. /

ALT./GEN. C611503C102 9298917

TACH. GEN. /

INJ./CARB. 10-5210 CU0703

TURBO CHARGER /

FUEL PUMP LW 15472

WASTE GATE /

STARTER MHB4016 9M000012

CONTROLLER /

VAC. PUMP DNA

CONTROLLER /

HYD. PUMP DNA

REL. VALVE DNA

MATTITUCK AIRBASE INC.
F.A.A. Repair Station No. 3533
W.O. No. 13647



Maklon P. Russell
Authorized Signature

D

INSPECTION & MAINTENANCE RECORD

This is to certify that the engine described hereafter has been rebuilt to manufacturer's new parts limited by Mattituck Airbase Inc.
Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. All applicable Airworthiness Directives and Manufacturer's Service Bulletins are in compliance. A description of these repairs is on file at this agency under:

JOB NO. 13647

DATED

9 JAN 90

MFG.

LYCOMING

MODEL

C-540-J3CSD

Serial No.

L-20893-40A

Time in svc.

2007.5 HRS



MATTITUCK AIRBASE INC.

F.A.A. REPAIR STATION # 3533
AIRWAY DRIVE, MATTITUCK, L.I., N.Y. 11952

Maklon P. Russell
Authorized Signature

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-26-90	TACH 621	Turbine Engine Installed in N256BK S/N R18201129. New Ford Monitor Installed & All Fuel Oil & Fuel Nozzle Replaced. Prop & Rev. OH and Reinstalled - Ref Prop Log. 8 Qt. Aeroshell 80 Mineral Installed. Ops Check OK. Flight Test OK.
		William H. Pol 1A 202341229

7-18-90	716	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qt. Aeroshell 15W50. Ops Check OK, Drained Prop
		William H. Pol 1A 202341229

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-1-90	761	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qt. Aeroshell 15W50. Ops Check OK
		William H. Pol 1A 202341229

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-29-91	Comp.	1) 72/80 2) 78/80 3) 78/80 4) 74/80 5) 76/80 6) 78/80 Demmed Pump, Wear Check Oil Analysis Taken, Tightened Throttle Control Rod End Bolt, Control Flange Control Cable Secured, Reassembled Oil Dip Stick Adapter, Drained Oil, Cleaned Sump, Replaced Oil Filter, Filled w/ 8 qts. Pennzoil 15W50. Ops Check OK.
7		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	
		INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
		Gulf Aviation Doylestown, Pa. 18901
		I certify that this <u>Engine</u> has been inspected in accordance with a <u>General</u> inspection and determined to be in an airworthy condition.
		<u>1-29-91</u> <u>2156</u> date total time
		<u>William R. L.</u> <u>850</u> 149 Smith authorized signature tach time
		1A202341227

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4-16-91	TACH 864	Drained Oil, Changed Oil Filter Filled w/ 8 qts Aeroshell 15W50 Dressed Prop. William Rish IA 207341229
7-18-91	917	Drained Oil, Changed Filter Filled w/ 8 qts Aeroshell 15W50 Oil Analysis Taken, Dressed Prop. William Rish IA 207341229
9-11-91	967	Drained Oil, Replaced Filter, Filled w/ 8 qts Aeroshell 15W50, Replaced Exhaust Baskets #1, 3 & 5 William Rish IA 207341229
11-25-91	1021	Drained Oil, Replaced Filter, Filled w/ 8 qts Aeroshell 15W50, Washed. William Rish

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-24-72	Comp	1) 74/80 2) 60/80 3) 75/80 4) 77/80 5) 74/80 6) 77/80 Adjusted Magneto Timing, Tightened Alternator Belt, Reattached Capacitor to Alternator, Tightened & Disassembled Oil Fill Tube, Replaced all Spark Plugs, Repaired LH Front Cowling, Performed Lycoming 400 Hrs Valve Chamber Insp., Replaced Oil Valve Cover Gaskets, Tightened all Oil Return Hoses, Replaced Exhaust Gaskets on #1, #3, #5 Cylinders, Tightened Low Tach Cable Housing, Drained Oil, Cleaned Screens, Replaced Oil Filter, Filled w/ 8 qts Aviation Doylestown, Pa. 18901 Marshall 15W50 Washed Engine, Ops Check OK.
		I certify that this <u>Engine</u> has been inspected in accordance with a <u>Compass</u> inspection and determined to be in an airworthy condition.
		1-24-72 2384 date total time <u>William F. R.</u> 1048 authorized signature tach time 1A 207341227 377 SMCH

INSPECTION & MAINTENANCE RECORD

P	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
4-1	1-31-92	704.11	1049 Rpt. removed #2 cylinder & repaired by Mattituck. Reinstalled cylinder, drained oil, filled w/ 8 qts. Rechecked 80 Mineral. Ran Saw Mattituck cylinder Break-In Procedure, Test Follow OK.	
			William R. R.	
			1A 202341229	

INSPECTION & MAINTENANCE RECORD

P	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.	
	4-8-92	1091	Drained Oil, Replaced Oil Filter, Filled w/ 8 qts. Rechecked 15W50.	
			William R. R.	
			1A 202341229	
	10-8-92	1187	Drained Oil, Replaced Oil Filter, Filled w/ 8 qts. Rechecked 15W50. Washed Engine.	
			William R. R.	
			1A 202341229	
	11-6-92	120.5	TROUBLE SHOOT OIL LEAK L. SIDE - (CHANGED) #1 CYL PUSH ROD SHAFT SEALS & OIL FILL NECK GASKET. S. & 1466747	

Procedure, Test Flow OK.

LIMITED MAINTENANCE RELEASE

Make and Model

Lyco 0.540 J cyl

Customer

Deer An

Part No.

Serial No.

27518

The Aircraft Component identified above was repaired and inspected in accordance with Current Regulations of the Federal Aviation Administration. Only work detailed on the work order listed below is approved for return to service.

WARNING: Further inspection and repair may be necessary, to return this component to serviceable condition.

Pertinent details of the repair are on file at this repair station under work order no. 43150

Date

1-30-91

Signed

JF McDow

Remarks:

Replaced exhaust guide & valve, resorted valves, milled exhaust port, honed & supplied new ring

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-9-93	Comp. 1)	74/50 2) 72/50 3) 74/50 4) 76/50 5) 74/50 6) 75/50 Replaced Induction Air Filter, Oil Analysis Taken-OK, Replaced Impulse Coupling w/ New Style - Snap Ring Type Per Continental S.B. # 599D, Drained Oil, Replaced Oil Filter, Cleaned Screen, Filled w/ 8 QTS Aeroshell 15W50, Washed Engine, Ops Check OK.

Gulf Aviation
Doylestown, Pa. 18901

I certify that this Engine has been
inspected in accordance with a Continental
inspection and determined to be in
an airworthy condition.

2-9-93

25:52

date

total time

William R.

12:46

authorized signature

tach time

SMOK 575

1A 207341189

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
MAKE <u>LYC</u>	MODEL <u>O-540-SC35D</u>	SERIAL NO./N. NO. <u>L-20893-4019</u>
TACH READING <u>1278.9</u>	DATE <u>4-14-93</u>	REMOVED CYLS <u>③ ④ ⑤</u>
REPLACED TRAXIS STUDS WITH P.002 + P.001 OVERSIZE. HONED CYLS AND REINSTALLED WITH NEW RINGS & ASSETS & SEAL. SERVICED ENGINE WITH 8 QTS 20-50 Phillips TYPE M OIL WITH NEW CH4F103 OIL FILTER. REPAIR PISTON IN CRANKSHAFT. LEAK CHECK + GAD RUN SATISFACTORY — END —		

MATTITUCK AIRBASE INC.
F.A.A. Repair Station QX2R125L
W.O. No. 17235



Authorized Signature

William P. Russell

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
7-9-43	1324	Drained Oil, Replaced Oil Filter, Oil Analysis Taken, Filled w/ 8 Qts Avialet 15W50.
		William R. L. 1A202341229
2-24-43	1427	OIL & FILTER CHANGED 15-50 AVIALETT PULLED SUMP FINEER SCREEN OK 1A202341229

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-20-44	Comp.	1) 75/50 2) 74/50 3) 76/50 4) 77/50 5) 78/50 6) 79/50 Replaced Exhaust Gaskets 1, 3, 5 & 6, Replaced all Spark Plugs, New Ignition 400143 Valve Chamber Drop, Replaced all Valve Cover Gaskets. Adjusted Magneto Timing. No Oil Change at this time. Washed Engine, Ops Check OK.
		Leading Edge Aviation Doylestown, Pa. 18901
		I certify that this Engine has been inspected in accordance with a Annual inspection and determined to be in an airworthy condition.
		1-20-44 2765
		date total time
		William R. L. 1429
		authorized signature tach time
		1A202341229

SMCH 758

[illegible][illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-25-95	1728	Drained Oil, Replaced Oil Filter, Filled w/ 5 Qts Aeroshell 15W50, Washed Engine, Ops check OK Oil Analysis Taken. Willen Ral (A 503341229)
2-7-96	1766	Comp. 1) 78/80 2) 75/80 3) 76/80 4) 76/80 5) 77/80 6) 76/80 Replaced Induction Air Filter, Performed by coming 400 Hk. Valve Chamber Drain, Replaced all Valve Cover Gaskets, Replaced all Spark Plugs, Replaced LH Exhaust Pipe Hanger, Replaced all Muffler Attach Bolts, Tightened Tachometer Cable Nut, Dened/ Painted Prop, Drained Oil, Oil Analysis Taken, Replaced Oil Filter, Cleaned Suction, Filled w/ 5 Qts Aeroshell 15W50, Washed Engine, Ops Check OK.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Cont.		Leading Edge Aviation Doylestown, Pa. 18901 I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an airworthy condition. 2-7-96 3102 date total time Willen Ral 1766 authorized signature tach time 1A 503341229
		Smith 1095

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-21-96	1828	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qt. Avcohell 15W50, Tightened Baffle, Tightened Valve Cover Screws, Washed Engine, Oil Analysis Taken. Wells DL ACP 202341229
9-4-96	1874	Drained oil, Replaced Filter Filled with 8 qts of 15W50 and Install new Filter. Filed & painted Prop ops check OK. Edward Dmof ACP 202480835


INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-24-97	1902	Comp. 1) $\frac{72}{50}$ 2) $\frac{72}{50}$ 3) $\frac{76}{50}$ 4) $\frac{74}{50}$ 5) $\frac{76}{50}$ 6) $\frac{71}{50}$ Cleaned MAP line to instrument, Replaced Impulse Compiling on Magneto per A.D., Tightened R.H. Muffler Bracket, Replaced Exhaust Bushings #1, 3 & 5 Gyls, Replaced Starter Bendix, Replaced Painted Exhaust Hardware, Tightened Valve Cover Screws, Tightened Oil Petrol Hose Clamps, Replaced Carlsch Seal on Vacuum Pump Shaft, Cleaned Primer Nozzle, Replaced 2 Exhaust Studs, Drained Oil Replaced Oil Filter, Cleaned Screws, Filled w/ 8 Qt. Avcohell 15W50, Washed Engine, Ops ch OK. Leading Edge Aviation Doylestown, Pa. 18901 I certify that this Engine has been inspected in accordance with a <u>Champion</u> inspection and determined to be in airworthy condition. 1-24-97 3.238 dms Total time Wells DL 1902 authorized signature 1231 1A202341229 DMOH 1231

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-26-96	1779	<p>Drained oil Replaced oil</p> <p>Fixed Tires - / 8 was Aero Shell</p> <p>150-50 washed Engine ops check ok</p> <p>Joe Suber</p> <p>Air 149-76-6552</p>
3-26-96	1779	<p>Serviced skidway Propeller (see Airframe Log)</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO
<div><div>Corporate Wings</div><div>1265 Scottsville Road • Rochester, New York 14624 CRS #VY2R257L</div></div>		
N756QK CESSNA R182 S/N:R18201129 TACH:1960.5 7/16/97		
Drained oil, removed filter and inspected for contamination, none found. Installed and safetied new CH48103 filter. Serviced engine with 8 quarts of Aeroshell 15W50. No leaks noted on run up.		
<div> Rafael A. Galan A&P582450137</div>		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-1-98	3001	(Comp. 1) $73/80$ 2) $73/80$ 3) $78/80$ 4) $78/80$ 5) $77/80$ 6) $77/80$
	Tach	Replaced Air Box Bushings and Shaft, Repaired Rivets on Front Cowling, Secured Muffler Tailpipe Hanger Straps, Tightened Tachometer Cable Attach. Nut, Tightened All Valve Cover Screws, Dressed/Painted Prop, Drained Oil, Oil Analysis Taken, Replaced Oil Filter, Cleaned Screws, Filled w/ 8 qts. Arco-bell 15W50, Washed Engine, Oils OK.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Cont	→	
		Leading Edge Aviation Doylestown, Pa. 18901
		I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an <u>airworthy</u> condition.
		<u>2-1-98</u> <u>3337</u>
		<u>data</u> <u>total time</u>
		<u>Willa R</u> <u>2001</u>
		authorized signature <u>tech time</u>
		<u>1A207341029</u>
		SMOH 1330

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-16-98	2048	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qts Amshell 15W50, Oil Analysis Taken. Wells 12 1A207341229
11-27-98	2097	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qts Amshell 15W50, Oil Analysis Taken. Wells 12 1A207341229

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

BOCA AVIATION ENGINE LOG

DATE: 03/24/99 N756KQ

TACH: 2115.1

Installed Overhauled Vacuum pump 211CC

SN.7AE6112, ops and leak check OK.

Approved for return to service on W/O 12011

X *Tom Pentecost*

Tom Pentecost
C.R.S. LCPR025G
BOCA AVIATION

INSPECTION & MAINTENANCE RECORD

USAvionics, Inc.
3800 Sullivan Trail
Easton, PA. 18040
1-610-258-1706 fax# 1-610-258-6423

REG#: N756QK SERIAL: R18201129

Date: 03-18-1999 MAKE: Cessna TT: 2103.8

Installed exchange pitch trim servo part number 0108-P4.

Installed factory repaired S-Tec PSS amplifier part # 0110-2.

Ground checked found OK. See W.O.# 90210004 for details.

William J. Koch Jr.
William J. Koch Jr. CRS#XX5R660N

ENGINE LOG

TACH 2115.1

1. United States		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation • Federal Aviation Administration			3. System Tracking Ref. No. AA 28137	
4. Organization Aero Accessories, Inc. 1240 Springwood Avenue Gibsonville, NC 27249				5. Work Order, Contract, or Invoice Number 28137		
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Airborne Dry Air Pump	211cc	Various	1	05082	Newly Overhauled
13. Remarks Overhauled & Tested						
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.						
14. <input type="checkbox"/> New <input type="checkbox"/> Newly Overhauled						
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness.						
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.						
15. Signature		16. FAA Authorization No.:		19. Return to Service in Accordance with FAR 43.9		
17. Name (Typed or Printed):		18. Date		20. Authorized Signature: Vic Harris		
FAA Form 8130-3 (11/93)		22. Name (Typed or Printed): VIC HARRIS		21. Certificate Number YV4R688M		
				23. Date 11-18-98		

(Optional) Installer must cross check eligibility with applicable technical data.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-11-99	2201	Drained Oil, Replaced Oil Filter, Filled w/ 8 Qts Aeroshell 15W50, Ops Ch OK. Walter 1A 207341229
2-10-2000	2252	Comp. 1) 71/80 2) 75/80 3) 76/80 4) 76/80 5) 76/80 6) 74/80 Replaced MAP Gauge + Cleaned Lines, c/w Lycoming 400 Hrs. Valve Chamber Sings + Replaced all Valve Cover Gaskets, Replaced all Spark Plugs, Replaced Induction Air Filter, Dressed + Painted Prop, Straightened RH Tailpipe, Fixed Gasolator Drain Cable, Tightened Torch Cable Nut, Fixed/Leaked Carb. Heat Cable, Drained Oil, Cleaned Screws, Replaced Oil Filter, Oil Analysis Taken, Filled w/ 8 Qts Aeroshell 15W50, Washed Engine, Ops Ch OK.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Cont. →		Leading Edge Avionics Doylestown, Pa. 18901 I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an airworthy condition. 2-10-2000 3588 date total time Walter authorized signature tach time 1A 207341287
		3MOH 1581


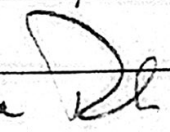
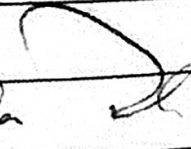
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-1-00	230.2	Drain oil, changed filter, fuel w/ 8 qts 15W50 Aeroshell Eng ops / OK SN 49766552
5 Dec 00	2403.3	Drained oil. Removed filter, opened and inspected, no discrepancies noted. Removed, cleaned and reinstalled section screen. Installed new CH48103 filter. Serviced engine with 8 qts of Aeroshell 15W50 oil. Look vis good. Removed and cleaned spark plugs. Reinstalled same plugs and torqued. Removed Magneto P/N 10-382560-11, SN R909165K and installed overhauled Magneto P/N 10-382560-11, SN A090712. Op vis good. — End — The aircraft identified on this work order was inspected and / or repaired in accordance with current maintenance regulations of the Federal Aviation Regulations and is approved for return to service. Robert B. Bennett Date: 5 Dec 00 (Signature of Authorized Representative) WO # 2943 For: Port City Aircraft Repair, Inc. CRS # P48R480N

INSPECTION & MAINTENANCE RECORD

DATE	TACH TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2-9-2001	2423	Comp. 1) 72/50 2) 72/50 3) 72/50 4) 71/50 5) 71/50 6) 71/50 Adjusted Idle RPM, Replaced Spinner, Dressed & Painted Prop, Replaced Oil Cooler Hoses, Tightened All Valve Cover Screws, Tightened Cool Flap Hinge Bolts, Replaced Prop Control Rod End, Replaced Carb Heat Cable, Drained Oil, Cleaned Screws, Replaced Oil Filter, Oil Analysis Taken, Filled w/ 8 qts Aeroshell 15W50, Washed Engine, Ops OK Leading Edge Airion Doylestown, Pa. 18.01 I certify that this Engine has been inspected in accordance with a current inspection and determined to be in an airworthy condition. 2-9-2001 3759 date total time Willie H 2423 authorized signature tach time 1A 20341329 SN OH 1752

INSPECTION & MAINTENANCE RECORD

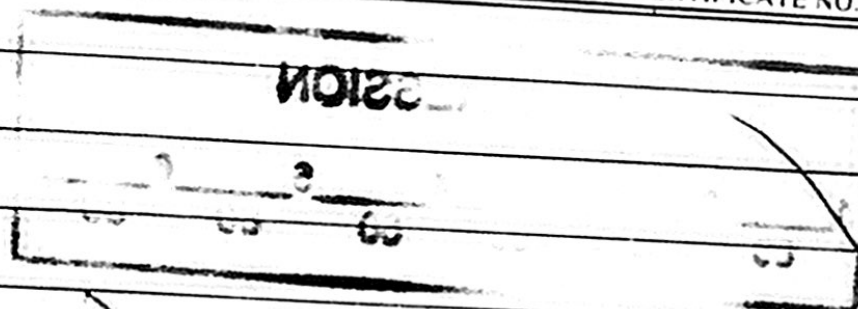
DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
5-23-01	2473	Drained Oil, Replaced Oil Filter, Oil Analysis
		Taken, Filled w/ 8 Qt AeroShell 15W50,
		Ops Ch OK.
		Willie 
		1A207341229
8-29-01	2525	Drained Oil, Replaced Oil Filter, Oil Analysis,
		Filled w/ 8 Qt AeroShell 15W50, Ops Ch OK.
		Willie 
		1A207341229
12-24-01	2572	Drained Oil, Replaced Oil Filter, Oil Analysis Taken,
		Filled w/ 8 Qt AeroShell 15W50, Replaced Magneto
		Impulse Coupling w/ New, Ops Ch OK.
		Willie 
		1A207341229

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.



INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME TACH	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.																		
2-15-02	2575	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p style="text-align: center;">COMPRESSION</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td> </tr> <tr> <td>80</td><td>78</td><td>74</td><td>74</td><td>75</td><td>77</td> </tr> <tr> <td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td> </tr> </table> </div> <p>Replaced #1 Cylinder w/ OH Corn Mill Cyl. Assy, Adjusted Idle RPM, Replaced all Spark Plugs, Dressed & Painted Prop, Replaced LH Muffler, Cleaned & Painted Rusted Areas of Engine Mount, C/W Lycoming 400 Hr. Valve Chamber Ings. and Replaced all Valve Cover Gaskets, Tightened LH Cowl Flap Attach Bolts, Tightened Prop Governor Rod End Bolt & Reassembled, Tightened Intake Tube Clamps, Performed New Cyl. Break-In Procedure, Drained Oil, Oil Analysis Taken, Replaced Oil Filter, Cleaned Sump, Filled w/ 8 Qt. Aeroshell 65 Mineral, Washed Engine, Ops CR OK.</p>	1	2	3	4	5	6	80	78	74	74	75	77	80	80	80	80	80	80
1	2	3	4	5	6															
80	78	74	74	75	77															
80	80	80	80	80	80															

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Cont. →		
		<p style="text-align: center;">Leading Edge Aviation Doylestown, PA 16801</p> <p>I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and determined to be in an airworthy condition.</p> <p style="text-align: right;">2-15-2002 3911</p> <p>date <u>Willie</u> total time <u>2575</u></p> <p>authorized signature <u>Willie</u> + ch Time</p> <p style="text-align: center;">IA 207341729 1904</p> <p style="text-align: right;">E 5 50 OH</p>

IME

The Cominid
compression ring
all other ring should

**NOTE: Start
and rings are**

or additional in

ENG

Hiddlee Sam Ando
328y.com e-mail
84 08/28/06

INSPECTION & MAINTENANCE RECORD

DATE

3/20/03

Tach: 2671.4

AFTT: 3796.4

Eagle East
Aviation

N756QK

Eng TT: 4007.9

SMOH: 2000.4

1. Complied with an annual/100 hour inspection in accordance with FAR 43 appendix D.
2. Complied with AD's 87-23-02R2 seat tracks, through bi-weekly 03-03.
3. Compression test results over 80psi: 1) 78, 2) 78, 3) 77, 4) 21, 5) 61, 6) 77.
4. Replaced cylinder assembly #4 with overhauled unit from Penn Yan Aero Service, Inc. (see form 8130-3).
5. Drained oil, took sample, removed and inspected filter, no metal. Installed new CH48103 filter and serviced engine with 8qts. Phillips 20w50 type M, mineral oil.
6. Rerouted alternator wiring and protected with terminal nipple.
7. Replaced throttle cable support clip with new p/n 2252034-1.
8. Tightened and realigned induction coupling and rocker drain coupling clamps.
9. Replaced oil pressure hose from engine to firewall with new p/n 111F417-4S-0160.
10. Removed, cleaned, gapped, rotated, tested and reinstalled spark plugs.

I certify that this engine has been inspected in accordance with an annual/100 hour inspection and was determined to be in an airworthy condition.

William E. Eason
William E. Eason A&P 28544835 IA

General Aviation Services, Inc.

L. P. Henderson Rd.

Beverly, MA 01915

FAA Repair Station No. G2AR142W

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

05/17/04

Tach: 2789

Eagle East
Aviation

N756QK

Eng TT: 4125

Eng SMOH: 2118

1 Engine O-540J3C5D Serial number L-20893-40A removed from Cessna R182, N756QK, Serial number R18201129 for major overhaul.

Brian Eason
Brian Eason A&P 17326119

Page 1 of 2

07/13/04

MODEL

O-540-J3C5D

S/N:

L20893-40AC

TACH READING:

AIRCRAFT ENGINE SPECIALISTS, LLC

2350 SOUTH AIRPORT BOULEVARD

CHANDLER, ARIZONA 85249

(480) 963-0173 CRS # ZF7R728Y

This engine was overhauled to Superior Air Parts Millennium engine specifications and converted to an O-540-J3A5D in accordance with Textron Lycoming service instruction # 1304J. Magnaflexed and zygloed parts as required. Installed Superior Air Parts cylinder assemblies part number SL36000TW-A20P. Crankshaft, connecting rods, and counterweights were repaired and balanced by Aircraft Specialties Services. Installed overhauled carburetor p/n 10-5054 OHC s/n BZ131722, magneto p/n 10-382560-11 s/n E050898, and starter p/n MZ4222 s/n E062560. This engine was overhauled in accordance with Textron Lycoming overhaul manual # 60294-7 and test run as per SI 1427B. For details pertinent to this overhaul refer to Aircraft Engine Specialists work order # 2890.

CR Estergard

CR Estergard

Parts Installed on WO#2890
Lycoming O-540-J3C5D

QTY	PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY	PART #	DESCRIPTION
1	SL13377	GASKET SET	12	Q5100MCH	CLAMP	6	1102	PLUG
1	77527	EXTENSION PIPE	30	STD596	NUT	1	SL41084	SPRING
1	LW14747	GAGE ASSY	1	SL77803	VALVE ASSY	1	SL10-20	BALL
6	18D23136	BODY ASSY	2	SL13884A	BEARING	12	18M19389A9	BEARING
12	75061	ROD BOLT	12	SL12186	NUT	1	AN6-8B1032H5	SCREW
1	AN8-14A	BOLT	1	13S19649	GEAR	1	SLSTD1211	PLUG

INSPECTION & MAINTENANCE RECORD

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Page 2 of 2

QTY	PART #	DESCRIPTION	QTY	PART #	DESCRIPTION	QTY	PART #	DESCRIPTION
40	SLSTD1412	NUT	1	SL76155	TACH SHAFT ASSY			
1	76220	STUD	1	61298	IMPELLER			
1	SL35E19600	VERNATHERM	1	06B23072	GASKET			
1	55A21022	SPACER	1	76539	SEAT			
6	MS76625-1100	RING	2	MS29512-10	SEAL			
12	LW11485	TUBE	24	SL74637	BUSHING			
36	SLSTD2090	NUT	6	SLSTD1925	SCREW			
1	68749	TUBE	4	71737	TUBE			
4	75339	BAFFLE	4	71611	RETAINER			
6	SL13641	CUSHION	12	SL69603	HOSE			
1	SL3600TW	CYLINDER	1	ES10-382560-11	MAGNETO			
1	URHM38E	PLUGS	1	M24222R	STARTER			
4	70485 U'S	TUBE	1	70456 U'S	BRACKET			
6	SL19340	CAM	4	SLR75906	GASKET			
12	72198	PLUG	13	GAS	GAS			
	AES100	HARDWARE KIT						

-END-

MODEL	Piper PA28-236	Tucson Aeroservice Center	DATE	7/28/2004
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	04-000470
REG. NO.	N83334	Marana, AZ 85653	HOBBS	
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1501.4
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 7/28/2004 Signed [Signature]

Removed Lycoming O-540-J3A5D S/N L-22899-40A and installed O-540-J3C5D S/N L-20893-40A. Serviced with Aeroshell 100 mineral.

-END-

INSPECTION & MAINTENANCE RECORD

MODEL	Piper PA28-236	Tucson Aeroservice Center	DATE	9/10/2004
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	04-000609
REG. NO.	N83334	Marana, AZ 85653	HOBBS	
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1526.3
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 9/10/2004 Signed [Signature]

Changed oil and filter. Serviced with Aeroshell 100 mineral.

Checked magneto timing.

Checked cylinder compression.

Removed bottom plugs, cleaned and re-installed.

-END-

MODEL	Piper PA28-236	Tucson Aeroservice Center	DATE	12/30/2004
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	04-000859
REG. NO.	N83334	Marana, AZ 85653	HOBBS	1869.5
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1551.1
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 12/30/2004 Signed [Signature]

Changed oil and filter. Serviced with Aeroshell 100W.

Replaced oil cooler bypass valve gasket P/N 76510.

Obtained and submitted oil sample.

-END-

INSPECTION & MAINTENANCE RECORD

DATE

MODEL	Piper PA28-236	Tucson Aeroservice Center	DATE	1/6/2005
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	04-000020
REG. NO	N83334	Marana, AZ 85653	HOBBS	1871
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1552.3
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 1/6/2005 Signed 

Adjusted oil level to 10 qts.

Rerouted hoses on air/oil separator.

END

MODEL	Piper PA-28-236	Tucson Aeroservice Center	DATE	4/22/2005
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	05-000292
REG. NO	N83334	Marana, AZ 85653	HOBBS	1882
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1561
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 4/22/2005 Signed

Compression (1) 74/80 (2) 74/80 (3) 74/80 (4) 74/80 (5) 74/80 (6) 76/80.

END

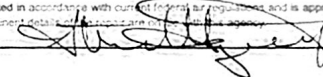
DATE

MODEL	Piper PA-28-236	Tucson Aeroservice Center	DATE	6/10/2005
S/N	28-8111050	11700 W. Avra Valley Rd.	W.O.#	05-000377
REG. NO	N83334	Marana, AZ 85653	HOBBS	1888.7
CYCLES		Maintenance Dept. FAA CRS # YXUR055J	TACH	1568.2
Eng. Mod.		Avionics Dept. FAA CRS # YXCR399X	Total Time	2883.2
Eng. S/N				

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return to service only for the work accomplished. Pertinent details of the repair are on file with this agency.

Date 6/10/2005

Signed



Completed annual inspection IAW TAC check list.

Compression (1) 72/80 (2) 72/80 (3) 75/80 (4) 72/80 (5) 76/80 (6) 76/80.

Changed oil and filter. Serviced with Aeroshell 100W.

END

N83334 AIRFRAME LOG ENTRY

Tucson Aeroservice Center
11700 W. Avra Valley Rd
Marana, AZ 85653
Maintenance Dept. CRS #YXU055J
Hobbs:1899.3 TACH:1577.5

PIPER PA 28-236 S/N 28-8111050

Remove servicable vacuum pump, P/N A513-DB S/N 1856. Installed Tempest Vacuum Pump, P/N AA3215CC, S/N 34076. Complied with the replacement of inline vacuum filter, P/N 1J10-1. A satisfactory engine run-up and vacuum system pressure check was performed. Work done in accordance with the manufacture's instructions and the PA 28-236 Maintenance Manual.

Per Tempest SL004, 600-hour Initial Vacuum Pump Wear Inspection is due @ 2177.5 hours Tach Time.

If wear is not monitored, pump is due replacement at 800 hours time in service. 2377.5 Tach Time.

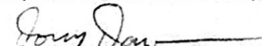
Per Airborne SL 59B Vacuum Filter is Due Replacement, Annually or 500 hours time in service which ever comes first. Vacuum Filter change due @ 2077.5 hours Tach Time or 12/2006.

This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return service only for the work accomplished. Pertinent details of the repair are on file with this agency. W.O.06-05-000570

DATE:

9/1/2005

Signed:


Doug Davis

INSPECTION & MAINTENANCE RECORD

DATE

N 83334 ENGINE

LOG ENTRY

LYCOMING O-540-J3C5D

ENGINE S/N L 20893-40C

PIPER PA-28-236 S/N 28-8111050

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

Maintenance Dept. CRS #YXU055J

Hobbs: 1926.9

Tach: 1603.5

Performed 50 hour and 100-hour engine inspection in accordance with the Millennium Engine Maintenance Schedule. Forms 50C.doc and 100C.doc. Engine oil was not changed at this time and no discrepancies were noted.

Compression test results: # 1) 79/80 # 2) 76/80 # 3) 79/80 # 4) 75/80 # 5) 79/80 # 6) 78/80 Investigated applicability of AD 2005-19-11 per AD text and Lycoming Mandatory SB 566. Found AD is N/A by Engine Model, Engine S/N and Crankshaft S/N. Engine mechanical fuel pump inspected in accordance with Special Airworthiness Information Bulletin NE-05-89 and Lycoming Mandatory SB 548A — Mechanical Fuel Pump P/N 15472 Inspection / Replacement. Fuel pump found N/A by pump date code 0304 stamped on pump. This aircraft and/or component identified above was repaired inspected in accordance with current federal air regulations and is approved for return service only for the work accomplished. Pertinent details of the repair are on file with this agency.

W.O. 06-00170

DATE: 11/10/05

Signed: *Doug Davis*

N 83334 ENGINE

LOG ENTRY

LYCOMING O-540-J3C5D

ENGINE S/N L 20893-40C

PIPER PA-28-236 S/N 28-8111050

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

Maintenance Dept.

FAA CRS #YXU055J

Hobbs: 1929.3 Tach: 1605.4

Changed engine oil and C48103 oil filter. Inspected removed oil filter. No significant findings noted. Oil sample taken. Re-serviced with 11 quarts of Aeroshell 100W oil. Performed satisfactory engine run-up and leak check. This aircraft and/or component identified above was repaired inspected in accordance with current Federal Aviation Regulations and is approved for return service only for the work accomplished. Pertinent details of the repair are on file with this agency.

W.O. 06-00274

DATE: 12/22/05

Signed: *Doug Davis*

Doug Davis

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

2/24/06

TACH
1611.7

Hobbs

1931.9

REPOSITIONED ENGINE BREATHING TUBE

PER SERVICE MANUAL TO CORRECT

LOCATION. *Guest P. McCann AWP 526299328*

3/10/06

REMOVE ALL CYLINDERS FOR DEGLAZE

AND RE-RING INSPECTED AS NEEDED AND

REINSTALLED ON ENGINE WITH NEW

GASKETS AND SEALS. CHANGED OIL TO

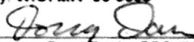
SHELL 100 ND. & INSTALLED NEW OIL

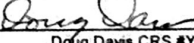
FILTERS. ALL WORK ACCOMPLISHED I/A/W LYC OH

MANUAL 60994-1 OPS AND LEAK CHECK OK.

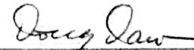
D. Brown FAA Station 2F9R7284

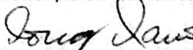
INSPECTION & MAINTENANCE RECORD

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N 83334 ENGINE LOG ENTRY	Tucson Aeroservice Center 11700 W. Avra Valley Rd Marana, AZ 85653 CRS #YXUR055J Hobbs: 1955.3 TACH: 1629.6
PIPER PA 28-236 S/N 28-8111050	
Visually inspected engine. Changed engine oil and CH48103 Filter. Took a sample of engine oil for analysis, using a customer supplied oil sample kit. Re-serviced engine with 10 quarts of Aeroshell 50 Wt mineral oil. A satisfactory engine run-up and leak check was performed. This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return service only for the work accomplished. Pertinent details of the repair are on file with this agency. W.O. MA-06-0568	
DATE: 3/30/2006	Signed:  Doug Davis CRS #YXUR055J

TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N 83334 AIRFRAME LOG ENTRY	Tucson Aeroservice Center 11700 W. Avra Valley Rd Marana, AZ 85653 CRS #YXUR055J Hobbs: 1955.4 TACH: 1629.6
PIPER PA 28-236 S/N 28-8111050	
Recharged and serviced aircraft main battery. Repaired battery containment box vent tube. Troubleshoot electrical charging system. Removed faulty alternator, P/N 4111810, S/N N1SN. Installed an overhauled alternator P/N 4111810R, S/N F122813. Reference Kelly Aerospace Power Systems, W O M064700 dated January 5, 2006. Performed a satisfactory engine run-up and electrical load check. Battery charging circuit checks OK. Work performed per the Piper maintenance manual chapter 24-32. This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return service for the work accomplished. Pertinent details of the repair are on file with this agency. W.O. MA-06-0600	
DATE: 4/6/2006	Signed:  Doug Davis CRS #YXUR055J

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	N 83334 ENGINE LOG ENTRY	Tucson Aeroservice Center 11700 W. Avra Valley Rd Marana, AZ 85653 CRS #YXUR055J Hobbs: 1967.0 TACH: 1641.0
	PIPER PA 28-236 S/N 28-8111050	
	Replaced the engine starter with an overhauled exchange starter. P/N MZ4222-R, S/N E062560 was removed. Starter P/N MZ-4222 MDD/NO. S/N E083974 was installed in Overhauled condition. Reference: Kelly Aerospace Power Systems CRS # UT2R226L, W.O. M630320 dated 8/27/2004. A satisfactory engine start, run-up and leak check was performed. This aircraft and/or component identified above was repaired and inspected in accordance with current federal air regulations and is approved for return service for the work accomplished. Pertinent details of the repair are on file with this agency. W.O. MA-06-0620	
DATE: 4/21/2006	Signed:  Doug Davis CRS #YXUR055J	

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
	N 83334 ENGINE LOG ENTRY	Tucson Aeroservice Center 11700 W. Avra Valley Rd Marana, AZ 85653 CRS #YXUR055J Hobbs: 1970.6 Tach: 1644.5
	LYCOMING O-540-J3C5D S/N L 20893-40C PIPER PA-28-236 S/N 28-8111050	
	Changed engine oil and C48103 oil filter. Inspected removed oil filter. No significant findings noted. Oil sample taken. Re-serviced with 10 quarts of Aeroshell 100 Mineral Oil. Performed satisfactory engine run-up and leak check. This aircraft and/or component identified above was repaired inspected in accordance with current Federal Aviation Regulations and is approved for return service only for the work accomplished. Pertinent details of the repair are on file with this agency. W.O. MA-06-0646	
DATE: 5/12/2006	Signed:  Doug Davis CRS #YXUR055J	

INSPECTION & MAINTENANCE RECORD

N83334 ENGINE

LOG ENTRY

PIPER PA-28-236

S/N 28-8111050

LYCOMING O-540-J3C5D

S/N L 20893-40C

Hartzell HC-F2YR-1F

S/N CM 638

Eng TSO: 165.4 ACTT: 2181.8 Hobbs: 1993.4 Tach: 1666.8

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

CRS #YXU055J

Complied with an Annual Inspection per the Tucson Aeroservice Center Inspection Checklist and FAR 43, Appendix D. Compression test results: 1) 74/80 2) 76/80 3) 74/80 4) 74/80 5) 75/80 6) 76/80. Changed engine oil and C48103-1. Oil filter. Inspected removed oil filter. No significant findings noted. Oil sample taken using customer supplied sample kit.

AD2005-12-06 - Inspected engine records. Determined Magneto AD complied with. Verified Lycoming MSB 645 was complied with by inspection of data plate. Verified that an "A" is stamped on data plate lower right corner. Magneto is now subject to 500-hour routine inspections per the magneto maintenance manual. Magneto TSO: 165.4 hours. Time remaining until magneto inspection is 334.6 hours. Next due at: Tach 2001.4.

Replaced induction air filter, P/N BA 2905 installed. Removed exhaust mufflers. Repaired detected cracks by welding. Reinstalled exhaust system muffler system with new hardware. Re-serviced with 10 quarts of Aeroshell 100 Mineral Oil. Performed satisfactory engine run-up and leak check. This aircraft and/or component identified above was repaired inspected in accordance with FAR 43 Appendix D and current Federal Aviation Regulations and is approved for return service. Pertinent details of the repair are on file with this agency. W.O. MA-06-0780

DATE: 8/25/2006

Signed:

Doug Davis CRS #YXU055J

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

N83334 ENGINE

LOG ENTRY

PIPER PA-28-236

S/N 28-8111050

LYCOMING O-540-J3C5D

S/N L 20893-40C

Hartzell HC-F2YR-1F

S/N CM 638

Eng TSO: 165.4 ACTT: 2181.8 Hobbs: 1993.4 Tach: 1666.8

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

CRS #YXU055J

Found Lycoming Mandatory Service Bulletin 569A NOT APPLICABLE by a review of engine listings Section 3 of the S/B. This aircraft and/or component identified above were repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return service for the work accomplished. Pertinent details of the repair are on file with this agency. W.O. MA-06-0780

DATE: 8/25/2006

Signed:

Doug Davis CRS #YXU055J

REG NO	N83334	CHANDLER AVIATION INC	DATE	09/27/06
MODEL	PA28236	CHANDLER MUNICIPAL	WO#	35642
S/N	288111050	CHANDLER, AZ	HOBBS	1997.6
ENG MOD	O540	(480) 732-9118	TACH	1669.9
ENG S/N			TOTAL	XXX

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ON THE DATE STATED ABOVE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY.

SIGNATURE

AUTH. NO. 3138053 A&P

Installed 6 new cylinders on this aircraft. All with P/N SL36000TW-A20P & serial numbers as follows; 36TWH06540, 36TWH06542, 36TWH06543, 36TWJ06563, 36TWJ06564, 36TWJ06565. See FAA form 8130-3 from Superior Air Parts dated 09/22/06. Ground ran, ops & leak checked satisfactory.

END

N83334 ENGINE

LOG ENTRY

DATE PIPER PA-28-236 S/N 28-8111050
 LYCOMING O-540-J3C5D S/N L 20893-40C
 Hartzell HC-F2YR-1F S/N CM 638

Eng TSO: 173.5 ACTT: 2190.0 Hobbs: Tach: 1675.0

Changed oil and filter. Serviced with Aeroshell 100 Mineral.

This aircraft and/or component identified above were repaired and inspected in accordance with current Federal Aviation Regulations and are approved for return service for the work accomplished. Pertinent details of the repair are on file with this agency. W.O.MA-06-0849

DATE: 10/10/2006

Signed

YXUR055J

work done 10/5/06

N83334 ENGINE

LOG ENTRY

DATE PIPER PA-28-236 S/N 28-8111050
 LYCOMING O-540-J3C5D S/N L 20893-40C
 Hartzell HC-F2YR-1F S/N CM 638

ACTT: 2198.8 Hobbs: Tach: 1683.8

Changed oil and filter. Serviced with Aeroshell 100 Mineral.

This aircraft and/or component identified above were repaired and inspected in accordance with current Federal Aviation Regulations and are approved for return service for the work accomplished. Pertinent details of the repair are on file with this agency. W.O.MA-06-0885

DATE: 10/26/2006

Signed

YXUR055J

10/24/06 TACH 1696.7 INSTALLED OVERHAULLED ALTERNATOR PN 4111810 SN G1D2302. INSTALLED ALT.
 DRIVE BELT PN T3965-015. INSTALLED NEW CAPACITOR PN 63897-06.
 GROUND RUN AND OPS. CKD. SYSTEM. ALL OK.

John W. Math
 ATP 2178545

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

CRS #YXU055J

Hobbs: Tach: 1675.0

Tucson Aeroservice Center

11700 W. Avra Valley Rd

Marana, AZ 85653

CRS #YXU055J

ACTT: 2198.8 Hobbs: Tach: 1683.8

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
2/6/07	tach 1709.0	Changed engine oil & filter - oil sample taken - Install 10qt of aeroshell mineral oil (SAE 50). Harlie D. Decker ATP 1829705
3/7/07	tach 1712.4	Removed & replaced oil cooler - Re-timed Magneto's - cleaned & gapped spark plugs - ck'd Manifold brass lines for leakage - removed alternator replaced bracket & strut assy - re-install alternator. Harlie D. Decker ATP 1829705
4/2/07	Tach 1720.0	Changed engine oil & filter - oil sample taken - 10qts aeroshell 100w-20 oil installed Harlie D. Decker ATP 1829705

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
4/29/07	Tach	1722.2 - Replaced Bolt upper alt tension arm and Replaced & sealed scatt tubes at frt of engine and Replaced oil return tube on #2 cylinder - Insured all loose & rubbing wires, hoses & lines Harlie D Deckard A&P 1829705

6/12/07	Tach	- Changed engine oil & filter - 10 qts aeroshell 15/50 installed - Removed & Replaced Starter Assy S/N F21-060718 P/N 149-12LS Installed - Balancing propeller at this time Harlie D Deckard A&P 1829705
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N83334

Accomplished SB688C by removing #1 exhaust and intake valves and honing guides to size. Reinstalled rockers, pushrods and valves as removed. Engine was test run was OK. Engine is returned to service.

John A. Burnstad A&P 2207273

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8/11/07	Tach	1782.5 - Changed engine oil and filter - 10 qts aeroshell 15/50 installed - Grd run up leak check OK Harlie D Deckard A&P 1829705

N83334

S/N 28 - 8111050

Eng. S/N L - 20893 - 40A

9/4/07

Tach 1782.5

ETT 4406.1

SMO 281.1

C/W 100hr/annual inspection per Piper PA28 Maintenance Manual - changed engine oil and filter - 7qts aeroshell 100/100 installed - Inspected engine and engine mount system - compression check # 1 76/80, #2 74/80, #3 75/80, #4 76/80, #5 79/80, #6 76/80 - cleaned engine compartment - cleaned and gapped all spark plugs - inspected ignition wire harness - inspected all fuel and oil hoses - pressure tested exhaust system - tightened all hose clamps - cleaned injection nozzles - C/W AD 02-26-01 external fuel injection lines - grd run up leak check ok - I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Harlie D Deckard

Harlie D. Deckard

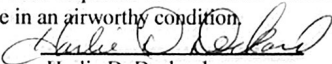
A&P 1829705 1A

9 Dec 07	Tach	1789.1 - Replaced Baffle sheet & seals Harlie D Deckard A&P 1829705
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INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/1/08	1805.3	<p>Jack - Changed engine oil & filter - 10qt Aeroshell 100W Plus installed - replaced air intake hose Harley Davidson A-P 1829705</p>
9/1/08	1819.5	<p>Changed engine oil & filter - 10qt Aeroshell 15W 50 oil - Did run up leak ck ok Harley Davidson A-P 1829705</p>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
N83334	S/N 28-8111050	Engine S/N I-20893-40A
9/22/08	Tack 1819.5	Engine TT 4443.1 SMOH 318.1
C/W 100hr inspection per Piper PA-28-236 inspection guide - changed engine oil and filter - 8qts aero shell 100w 50wt plus installed - inspected engine and engine mount system - compression check # 1 76/80 #2 76/80 #3 76/80 #4 77/80 #5 78/80 #6 76/80 - cleaned engine and engine compartment - cleaned ^{replaced with oil} and gapped spark plugs - replaced one each spark plug - pressure tested cabin heat muff and exhaust system - checked magneto timing - replaced induction air filter - C/W AD 108-1407 ^{external fuel injection lines} inspection - I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.		
 Harlie D. Deckard A&P 1829705 IA		
3/7/09	1829.5	Changed engine oil & filter - 10qts AeroShell 15W-50 oil & oil filter CH48103-1 Ground run up leak check ok. Richard D. Whitaker P.1st Lic. #2171993
9/7/09	1856.2	Changed engine oil & filter - 10qts AeroShell 15W-50 oil & CH48103-1 filter - Ground run up leak check ok. Richard D. Whitaker P.1st Lic. #2171993

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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N83334 S/N 28-8111050 Engine S/N I-20893-40A
 11/1/09 Tack 1819.5 Engine TT 4443.1 SMOH 318.1
 C/W 100hr inspection per Piper PA-28-236 inspection guide - changed engine oil and filter - 8qts aero shell 100w 50wt plus installed - inspected engine and engine mount system - compression check # 1 76/80 #2 76/80 #3 76/80 #4 77/80 #5 78/80 #6 76/80 - cleaned engine and engine compartment - cleaned and gapped spark plugs - replaced one each spark plug - pressure tested cabin heat muff and exhaust system - checked magneto timing - replaced induction air filter - C/W AD 08-14-07 external fuel injection lines inspection - I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Harlie D. Deckard

Harlie D. Deckard
 A&P 1829705 IA

12/03/10 1863.0 Changed engine oil & filter - 1 Qt Aero Shell
 Tack 15W-50 oil & CHX8103-1 filter.

Richard H. Whitaker Pilot Lic. 2171993

PROPELLER/ROTOR RECORD

TYPE N83334 S/N 28 - 8111050 Eng. S/N L - 20893 - 40A
 12/15/10 Tach 1863.0 ETT 4486.6 SMO 361.6
 MODEL C/W 100hr/annual inspection per Piper PA28 Maintenance Manual - changed engine oil and filter - 7qts aero shell 15/50 installed - inspected engine and engine mount system - compression check # 1 75/80, #2 74/80, #3 76/80, #4 77/80, #5 77/80, #6 76/80 - cleaned engine compartment - cleaned and gapped all spark plugs - inspected ignition wire harness - inspected all fuel and oil hoses - pressure tested exhaust system - tightened all hose clamps - cleaned injection nozzles - C/W AD 08-14-07 external fuel injection lines inspection - grd run up leak check ok - I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Harlie D. Deckard

Harlie D. Deckard
 A&P1829705 IA

11/22/11 Tack 1863.1
 Removed & replaced Sky Sep. started - S/N
 F2L-060718 installed after overhaul - Grd run-up
 Check ok. *Harlie D. Deckard A&P 1829705*

PROPELLER/ROTOR RECORD

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

TYPE SERIAL NO. HUB DATE OF MFG.

MODEL BLADES

N83334 S/N 28 - 8111050 Eng. S/N L - 20893 - 40A

1/6/12 Tach 1902.8 ETT 4526.4 SMO 401.4

DATE C/W 100hr inspection per Piper PA28 Maintenance Manual - changed engine oil and filter Ch48103-1 - 7qts Aeroshell 15/50 installed - inspected engine and engine mount system - compression check # 1 76/80, #2 73/80, #3 74/80, #4 76/80, #5 77/80, #6 75/80 - cleaned engine compartment - cleaned and gapped all spark plugs - replaced magneto gasket - inspected ignition wire harness - inspected all fuel and oil hoses - pressure tested exhaust system - tightened all hose clamps - cleaned injection nozzles - C/W AD 08-14-07 external fuel injection lines inspection - grd run up leak check ok - I certify this engine has been inspected in accordance with a Part 43 Appendix D annual inspection and was determined to in an airworthy condition.

Harlie D. Deckard
Harlie D. Deckard
A&P1829705 IA

30 Mar 2013, Tach Time 1916.1 - Owner
Change oil and filter. 10 qt
Aeroshell 15w-50 and filter CH48103-1.
Richard H. Smith Pilot # 2171993

A D / BULL NUMBER	ITEM AFFECTED	DATE & HRS AT COMP.	METHOD OF COMPLIANCE	TYPE OF A D TIME / RECUR	NEXT COMP DATE / HRS / CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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N83334 S/N 28 - 8111050 Eng. S/N L - 20893 - 40A

5/6/13 Tach 1916.6 ETT 4540.3 SMO 425.3

C/W 100hr inspection per Piper PA28 Maintenance Manual - inspected engine and engine mount system - compression check # 1 74/80, #2 74/80, #3 70/80, #4 74/80, #5 76/80, #6 76/80 - cleaned engine compartment - cleaned and gapped all spark plugs - inspected ignition wire harness - inspected all fuel and oil hoses - pressure tested exhaust system - tightened all hose clamps - cleaned injection nozzles - C/W AD 11-26-04 external fuel injection lines inspection - AD 12-03-06 AFS fuel servo diaphragm not installed - AD 12-19-01 crankshaft retirement N/A model & S/N - ground run up leak check ok - I certify this engine has been inspected in accordance with a Part 43 Appendix D annual inspection and was determined to in an airworthy condition.

Harlie D. Deckard
Harlie D. Deckard
A&P1829705 IA

AIRWORTHINESS DIRECTIVE / FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
N83334		S/N 28 - 8111050	Eng. S/N L - 20893 - 40A			
7/7/14		Tach 1945.6	ETT 4569.3		SMO 454.3	
C/W 100hr inspection per Piper PA28 Maintenance Manual - changed engine oil and filter						
Ch48103-1 - 10qts Aero shell 15/50 installed - inspected engine and engine mount system -						
compression check #1 73/80, #2 73/80, #3 72/80, #4 74/80, #5 76/80, #6 75/80 - cleaned engine						
compartment - cleaned and gapped all spark plugs - inspected ignition wire harness - inspected						
all fuel and oil hoses - pressure tested exhaust system - tightened all hose clamps - grd run up						
leak check ok - I certify this engine has been inspected in accordance with a Part 43 Appendix D						
annual inspection and was determined to in an airworthy condition.						
<i>Harlie D. Deckard</i>						
Harlie D. Deckard						
A&P1829705 IA						

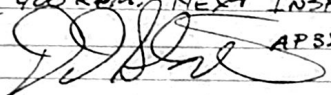
3/20/15	Tach 1973.0	Removed & Reinstalled Starter	after Repair by Sky Tex - ops			
		ck. OK				
		<i>Harlie D. Deckard</i>				
		A&P1829705				

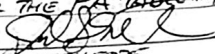
REPAIR & INSPECTION RECORD

DATE	TOTAL TIME	WORK PERFORMED AGENCY & CERT. NO.
N83334		S/N 28 - 8111050
6/8/15		Eng. S/N L - 20893 - 40AC
		Tach 1989.6
		ETT 4613.3
		SMO 498.3
C/W 100hr inspection - changed engine oil and filter CH48103-1 - 7qts Aero Shell 15/50		
installed - inspected engine and engine mount system - compression check # 1 73/80, #2 72/80,		
#3 70/80, #4 76/80, #5 77/80, #6 75/80 - cleaned engine compartment - cleaned and gapped all		
spark plugs - inspected magneto gasket - inspected ignition wire harness - inspected all fuel and		
oil hoses - pressure tested exhaust system - tightened all hose clamps - ground run up leak check		
ok - I certify this engine has been inspected in accordance with a Part 43 Appendix D annual		
inspection and was determined to in an airworthy condition.		
<i>Harlie D. Deckard</i>		
Harlie D. Deckard		
A&P1829705 IA		

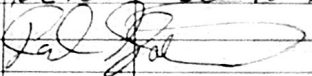
12/5/15	2025	Changed engine oil & filter - 10qt. AeroShell
	Tach	15W-50 oil & CH48103-1 filter
		Richard W. Whitaker, Pilot # 2171993

REPAIR & INSPECTION RECORD

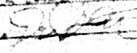
DATE	TOTAL TIME	WORK PERFORMED AGENCY & CERT. NO.
4-15-16	TACH 2038.4	PERFORMED 500 INSPECTION REQUIRED PER AD 2005-12-06 PARA (F) : TCM MSB 645, PG 213 (IMPULSE COUPLING INSPECTION) "X" VALUE .045", IMPULSE DISENGAGED @ 400 RPM. NEXT INSPECTION DUE @ 2538.4 HRS.  AP3245075 STAGSDILL

7/11/16	TACH 2050.5	SUPERVISED RICK WHITAKER (OWNER/OPERATOR) DURING OPEN/CLOSE CLEANING, SERVICING & MINOR REPAIRS, REMOVED & REPLACED ALTERNATOR BELT, RESHIMED ALTERNATOR MOUNT BRACKET, REPAIRED ALT TENSIONER BRACE, REINSTALLED PROPELLER W/ NEW "O" RING TORQUED & SAFETIED PER THE PA 107-R HARTZEL PROP OWNERS MANUAL INSTAL INSTRUCTIONS PGS 25/26 & B 1-5, AD COMPLIANCE LOGS DATED 6/20/16 ARE CURRENT FOR ENG, PROPELLER, NEW AIRFILTER ELEMENT INSTALLED, NEW ENGINE OIL & FILTER CH 481033, 15W-50, SERVING PER THE PA TABLE A-1 INSPECTION REPORT : PA 28 SM PGS 1F18 THRU 1-F20.  AP3245075
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REPAIR & INSPECTION RECORD

DATE	TOTAL TIME	WORK PERFORMED AGENCY & CERT. NO.
7/11/16	TACH 2050.3 HOBBS 2416.8, ENG TT 4674.0, TSMOH 559.	"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE TO AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION"  3245075 IA STAGSDILL

- MCFARLANE ALT BELT SCHEDULE B No. 8873.30.0010
- SEAT STRINGS, P/N 001 487-352/351
- AF BA 2905

11/20/16	TACH 2060.6	RETIGHTED PROP BLADE NUTS, PERFORMED DYNAMIC PROPELLER BALANCE ACES 2020 BALANCING SYSTEM. BALANCED TO 00.03.  AP3245075 STAGSDILL
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REPAIR & INSPECTION RECORD

DATE	TOTAL TIME	WORK PERFORMED AGENCY & CERT NO.
9-11-17	TACH 2085.1	HOBBS 2457.2 ENGT: 4708.8 TSMOH: 593.8 SUPERVISED RICK WHITAKER (OWNER/OPERATOR) DURING OPENING, CLOSING, CLEANING, SERVICING AND MINOR REPAIRS. INSTALLED NEW AIR FILTER ELEMENT P/N BA-2405 AND OIL FILTER CH48103-3 DURING OIL CHANGE ALL PER PA28 TABLE III-1 INSPECTION REPORT DATED 9-10-17. AD COMPLIANCE REPORTS FOR ENGINE AND PROPELLER DATED 8-27-17 ARE CURRENT. CYLINDER COMPRESSIONS: #1 $6\frac{3}{80}$, #2 $6\frac{1}{80}$, #3 $6\frac{2}{80}$, #4 $6\frac{4}{80}$, #5 $7\frac{8}{80}$, #6 $6\frac{5}{80}$. <i>Shuman Stogdill</i> AP3262319
9-11-17	TACH 2085.1	"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION." <i>Shuman Stogdill</i> 3262319 IA
12/1/17	Tach 2110.0	Changed engine oil & filter - 10 qt AeroShell 100+ oil & CH48103-1 filter. Owner Richard N. Whitaker, Pilot #2171993

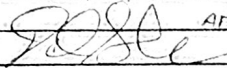
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3/26/18	Tach 2134.8	Changed engine oil & filter - 10 qt AeroShell 100+ oil & CH48103-1 filter Owner Richard N. Whitaker, Pilot #2171993
9/25/18	2179.6	SUPERVISED RICK WHITAKER (OWNER/OPERATOR) DURING CLEANING, SERVICING & MINOR REPAIRS, NEW AEROSHELL WINDRUSS OIL & NEW CH48103-1 OIL FILTER, R/R #1 MUFFLER TO HAVE A LEAKING, WELD REDONE, REMOVED #1 CYLINDER ASSEMBLY FOR VALVE & GUIDE WORK. REINSTALLED PER THE LYCOMING, PHM, SEC 6, 6-26 P.6-2 AD COMPLIANCE LOGS DATED 9/25/18 ARE CURRENT SERVICING PERFORMED PER THE INSTRUCTIONS OF THE PA28 INSPECTION REPORT III-1, PSS 1-FIB THRU 1-FIB OF TISM <i>Shuman Stogdill</i> AP 3245075 ST045014

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/23/18	217.6	TENG 4803.3 TSMCH 688.3 PERFORMED INSPECTIONS PER THE FA28'S M INSPECTION REPORT 1F18 THE I-F20, TABLE III-1, "I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION" J. [Signature] 32450751A STAGSDILL
1/27/19	Tach 2212.7	Changed engine oil & filter - 10qt AeroShell 100+ oil & CH48103-1 filter Owner Richard D. Whitaker - Pilot #2171993

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1/15/19	TACH 2249.4	PERFORMED SERVICING, CLEANING AND MAJOR MAINTENANCE AS DIRECTED BY THE PIPER AIRCRAFT SCHEDULED MAINTENANCE SCHEDULE 5-21-00 TS 5-2 THRU 5-5. REMOVED AND INSTALLED #3 EXHAUST FOR VALVE REPAIRS. INSTALLATION FOR THE LYCOMING OHM 505.6 PARA G-120 9-C WITH NEW GASKET KIT SL12032-5C SEE 51303 DATED 22 NOV 19. INSTALLED OVERHAULED D-2000 MAGNETO WITH NEW CAPACITORS P/N 10-382681. INSTALLATION FOR THE PIPER DAKOTA 3/M; SB 651 AND SB 1508C. REPLACED INTAKE GASKETS FOR FUEL PUMP AND ACCESSORY DRIVE GASKETS. REMOVED LEAKING OIL QUICK DRAIN; INSTALLED SOLID PLUG. REPAIRED BROKEN OIL COOLER BAFFLING ATTACH BRACKET. AD COMPLIANCE LOGS DATED 9/15/19 ARE CURRENT, NEW OIL & FILTER AT THIS TIME.  AD3245075 STOPSDI

INSPECTION & MAINTENANCE RECORD

	DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9-1	9/15/19	TACH 2245.4	T.T. 4072.5 TSMOH 757.5
9-1	12/05/19	PERFORMED	INSPECTIONS PER THE PA28-236 SM, INSPECTION
SU		REPORT	IF18 THRU I-F20, TABLE III-1, "I CERTIFY THAT
SPH			THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH
OIL			AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN
DA			AIRWORTHY CONDITION" <i>[Signature]</i> 32450751A ST04SDIK
AR			
#1			
9-1	2/20/20	TACH 2256.0	REPLACED IGNITION HARNESS, WITH NEW KELLY ACROSONIC
"			ASSEMBLY P/N 10-921614-6, ROUTED AND ANCHORED HARNESS
1			WIRES, <i>[Signature]</i> AP 3245075 ST04SDIK
3	2/19/20	TACH 2256.3	REPLACED WORN IGNITION SWITCH WITH NEW TCM,
12			BENDIX ASSEMBLY P/N 10-357200-1, <i>[Signature]</i> AP 3245075 ST04SDIK

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<div> <div> DATE: 03-03-2020 AIRCRAFT: Piper PA-28-236 ENGINE: Lycoming O-540-J3C5D PROPELLER: Hartzell HC-F2YR-1F </div> <div> <h2>ENGINE LOG</h2> <div> REGISTRATION: N83334 S/N: 28-8111050 S/N: L-20893-40AC S/N: CM638 </div> <div> TACH: 2258 TSMO: 766 TSMOH: 1270 </div> <div> TTAF: 2773 TTE: 4881 TTP: 2773 </div> <p>Elapsed (adder) time since log entry dated 12-05-19, = 9</p> </div> </div>		
<h2>I. MAINTENANCE:</h2> <ul style="list-style-type: none"> - Installed new Bogart ignition P leads Part No. 8768. P leads are shielded to ground at the airframe end. Leads were replaced due to poor overall condition and possible leakage to ground which resulted in erratic magneto RPM drop. - Inspected magneto internal condition and internal timing. Internal E gap timing adjusted. No other defects in the magneto were observed at this time. Magneto was re installed and re timed to 23% BTC. Timing dial employed to set engine / magneto timing. 		
<h2>II. RUN UP:</h2> <ul style="list-style-type: none"> - This Aircraft engine and propeller were run on the ground and found to be operating within limits indicated by the Airplane Flight Manual and the installed instrument markings and placards. 		
<h2>III. REFERENCES:</h2> <ul style="list-style-type: none"> - Piper PA 28 Series AMM, - Continental Ignition Systems Service Support Manual X42003-3 - Lycoming Direct Drive Engines Overhaul Manual. <p><i>[Signature]</i> Scott Farris A&P 36927481.A.</p>		

INSPECTION & MAINTENANCE RECORD

N83334

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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2/16/2021 Tach 2276.3 TTEng. 4899.4 TSMOH 784.4 N83334
Supervised Rick Witaker (owner/operator) During cleaning, servicing and minor maintenance. As prescribed by the Piper PA-28-236 SM Sect. 5. Removed and Installed Propeller for access to install a 5/16-18 Helicoil into engine case upper alternator brace bolt hole. Propeller installed per the Piper PA28-236 SM. Sect. 3, Para 845/7. New Engine Oil(Aeroshell W100plus), Filter(CH48103-1) and Air Filter(Bracket) Cylinder Compressions, 1-75, 3-76, 5-76, 2-64, 4-64, 6-65, AD compliance logs Dated 2/15/21 are current.
AP 3245075 Stogsdill *[Signature]*

2/16/2021 Tach 2276.3 TTEng. 4899.4 TSMOH 784.4 N83334
Performed Inspections per the Piper PA-28-236 SM Sect. 5. Periodic Inspection Check List pgs. 5-02 thru 5-05. "I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy Condition" 3245075 IA Stogsdill *[Signature]*

2/16/2021 Tach 2276.3 Replaced spark plugs with new, Champion RH1138E
Owner Richard N. Whitaker Pilot #2171993

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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3/08/2022 Tach 2297.0 TT Eng. 4920.1 TSMOH 805.1 N83334
Performed cleaning, servicing and minor maintenance. As prescribed by the Piper PA-28-236 SM Sect. 5. Engine Oil and Filter, Air Filter were not changed at this time. Replaced the Cylinder oil return line rubber connectors on Cylinders 1, 3, 5. Cylinder Compressions, 1-74, 3-75, 5-73, 2-76, 4-79, 6-72, AD compliance logs Dated 3/08/22 are current.
AP 3245075 Stogsdill *[Signature]*

3/08/2022 Tach 2297.0 TT Eng. 4920.1 TSMOH 805.1 N83334
Performed Inspections per the Piper PA-28-236 SM Sect. 5. Periodic Inspection Check List pgs. 5-02 thru 5-05. "I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in an Airworthy Condition" 3245075 IA Stogsdill *[Signature]*

3/22/22 Tach 2297.5 changed engine oil & filter -
10qt Aeroshell 100+ & CH48103-1 Filter
Owner Richard N. Whitaker Pilot #2171993

THE END OF THIS BOOK - go to 612411 log

AIRCRAFT MAINTENANCE RECORDS

Owner WHITAKER RICHARD

Aircraft Registration **N** 83334

Manufacturer LYCOMING

Model D-540-^{Converted on}~~J3C5D~~ J3A5D
7-13-2004

Serial No. L-20893-40A

Position _____

Major Overhauled engine installed in N83334.
See LOG entry dated 7/28/2004
Tach was at 1501.4

AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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ENGINE LOG

DATE: 05-24-2023

AIRCRAFT: Piper PA-28-236

ENGINE: Lycoming O-540-J3A5D

PROPELLER: Hartzell HC-F2YR-1F

REGISTRATION: N83334.

S/N: 28-8111050

S/N: L-20893-40AC

S/N: CM638

TACH: 2311

TSMO: 810

TSMOH: 1323

TTAF: 2826

TTE: 4910

TTP: 2826

Elapsed (adder) time since log entry dated 03-08-2022, = 14

I. INSPECTION:

- Engine serviced and inspected in accordance with the Lycoming O&IO-540 Operators Manual 60297-10.
- Differential comparator/compressions = #1 79/80. #2 77/80. #3 79/80. #4 77/80. #5 79/80. #6 78/80.
- Borescope inspection of cylinders and valves indicates no abnormalities with valves or cylinders. No actionable or un-airworthy results from this borescope inspection at this time.
- Airworthiness Directives for this engine checked through biweekly 2023-11.

II. MAINTENANCE:

- Drained and replaced oil with Aeroshell W100 +. Replaced oil filter with 48103-1 filter. Dissected old filter – no significant particles found at this time.
- Primer flexible line from firewall – Replaced with fabricated hose assembly.
- Repaired minor oil leak found under oil pressure valve housing – Re torque and safety.
- Mixture control cable: Hole in mixture arm was found elongated by use of improper hardware. Corrected hole by fabricating and installing a properly sized bushing. Rigged, secured and safe tied hardware in system.
- Removed exhaust system risers and muffler components and replaced with all new components. See forms 8130-3 included in the aircraft records.
- Repaired various chafe and routing problems with engine compartment hoses, wiring harnesses and plumbing. Installed new MS2191 cushion clamps and anti-chafe protection where needed.
- Removed and reinstalled ignition harnesses to correct routing and chafe problems with new clamps and chafe protection.
- Installed new oil drain back hoses cylinder #1 and 3. Check and re torque all drain back hoses
- Repaired cracks in engine cooling baffle system and baffle around oil cooler using common sheet metal repair practices as found in AC43.13-1B. Chapter 4. Section 4.
- Tighten /re-torque fuel fitting jamb nuts on engine driven fuel pump which were found to be loose.

III. RUN UP:

- This Aircraft engine and propeller were run on the ground and found to be operating within limits indicated by the Airplane Flight Manual and the installed instrument markings and placards.

III. REFERENCES:

- Piper PA 28 Series AMM,
- Lycoming O&IO-540 Operators Manual 60297-
- Continental Ignition Systems Service Support Manual X42003-3
- Lycoming Direct Drive Engines Overhaul Manual.

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