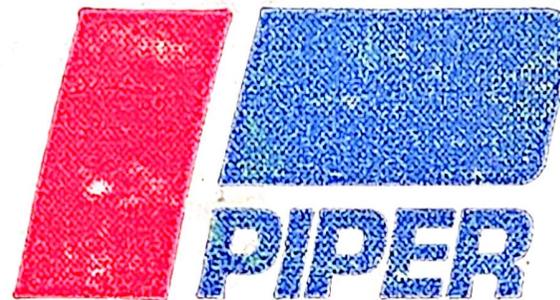


N3574X

N3574X

ENGINE LOG

#1



N3574X

Engine Logbook #1

7



ENGINE LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

Part No. 230 716

AVCO LYCOMING WILLIAMSPORT DIVISION
AVCO CORPORATION
WILLIAMSPORT, PENNSYLVANIA 17701

ENGINE SERIAL NUMBER **L-22003-404**

IN SERVICE DATE **12-579**

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

OWNER

NAME	ADDRESS	Installed in Aircraft No.	Date
1		U3574X	
2			
3			
4			
5			
6			

If this book is found, please return it to the owner.

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

ENGINE DESCRIPTION

Manufacturer: LYCOMING - WILLIAMSPORT, PENNA. Serial No. L-22003-40A
Horsepower: 235
Model: O-540-J3A5D FAA T. C. No. E-295

Engine Accessories	Serial No.	Weight

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
AD 80-17-14		OW section 2 of S.B 6054 Factory OW sections 4 + 5	213.0	9-17-80	w. David Badger A+P 1837457
AD 81-18-04 r1		N/A By Model #			
AD 78-09-07	R3	INSPECTED OF Impulse coupling	719/186 1055.15	NEXT DUE 1555.15	Mike Schnack AP 540745545
AD 87-10-06		Rec'd Failure: Engine not worked on.	1941	—	H. H. Hill 1365602
AD 78-09-07		INSPECTED Impulse coupling	1533.0	9-5-89 NEXT DUE 2033	Sham Mayfield AP 216503344
90-02-23		Hartzell Prop	N/A	By Model #	

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
97-15-11		N/A w/			
98-17-11		N/A w/			
99-03-05		N/A w/			
99-04-04		N/A w/			
00-18-53		C/w Replaced GASKET.	2574.3	9-21-01.	M. Per... AP1758850

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-14-80	Brought Forward →	TAC H & TOT TIME		50 hrs
				COMPLETED 30 hr 1450
				USED PIPER
				1 WSP SWIFE + CHANGED OIL & FILTER
			Don M. Sumner	
			444-58-7810	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
5-2-80 TACH & TOT TIME 126.39		
INSPECTED AIRCRAFT ACCORDING TO THE AFTER INST FORM		
<p>I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>100 hr</u> inspection and was determined to be in airworthy condition. ELI Battery date <u>FEB 28 1981</u>. ADs thru <u>MAY 2 1980</u></p> <p>Signed: <u>Don M. Brown</u>. AIR 444-58-9810</p>		
<p>9-22-80 TACH & TOT TIME</p> <p>I certify that this <u>NOT USED</u> has been inspected in accordance with an _____ inspection and was determined to be in airworthy condition. ELI Battery date _____ ADs thru _____.</p> <p>Signed: _____.</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-22-80	Brought Forward →	TACH & TOT TIME - 199.72		
				CHANGING OIL & FILTER. RAN COMP.
				CHECK ALL CYC OILs REMOVED
				PLUGS & CLEANED & RE-INSTALLED.
<p>I certify that this ENGINE has been inspected in accordance with an 100hr inspection and was determined to be in airworthy condition. ELT Battery date FEB 81 .ADs thru 8-22-80!</p> <p>Signed: <u>Don M. BUNAME</u> : A2444-58-981</p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
9-17-80 Tach Time 213.0 C/W AD 80-17-14 by C/W Bendix Service Bulletin 605A section 2 Housing Distortion Check, found OK. Bendix Factory P/B/W sections 4, +5. ——— Mag. S/N 29040 — W Paid Budget ATP1837457		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-12-80	Brought Forward →	TACH	TOT TIME	270.32
				DRAINED OIL INSTALLED 12 QTS AEROSHELL 40 ^W
				CHANGED OIL FILTER. RAN COMP CHECK ALL OK.
				#176 #278 #377 #476 #578 #679
				(CLEANED) FUEL SOLE. USED 100 HR INST
				FORM JAW PAPER.
<p>I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>100 hr</u> inspection and was determined to be in airworthy condition. ELT Battery date <u>FEB 81</u></p> <p>Signed: <u>Don Bumpus</u> . ASP # <u>444 589810</u></p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Date <u>12-12-80</u> Tach <u>270.32</u> Total Time <u>270.32</u> I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. <u>W. David Badgett</u> W. David Badgett A&P 1837457 I.A.		
<u>4-20-81</u> TACH & TOT TIME <u>357.77</u> CHANGED OIL & FILTER. RAW COMP CHECKED ALL CYL OK. REMOVED ALL SPARK PLUGS CLEANED & GAPPED & CHECKED LEADS. DRILLED ALT. MOUNTING BOLTS OUT & REINSTALLED NEW BOLTS. & ONE HELIX COIL & REINSTALLED ACTINATOR. REPLACED ALL EXH GASKETS. CONTINUED NEXT PAGE →		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-20-81	Brought Forward →	TACT + TOT TIME	357.77	
				CLEANED FUEL SCREEN. FILED & PAINTED PROP.
				REMOVED CARBS INSTALLED FUEL MISTURE ADJ. SCREW. REINSTALLED CARBS. & ADJUSTED.
<p>I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>100 hr</u> inspection and was determined to be in airworthy condition. ELT Battery date <u>JULY 1982</u></p> <p>Signed: <u>Don M. Simon</u> : NP # <u>444-58-9810</u></p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>1-6-82 TACH & TOTAL TIME 464.19</p> <p>CHANGED OIL & FILTER. INSTALLED 12 QTs ARKOSHILL 40WT.</p> <p>CLEANED & SHARPENED ALL SPARK PLUGS. ROL-COMPRESSION CHECK</p> <p>#1 7/80, #2 7/80, #3 7/80, #4 7/80, #5 7/80, #6 7/80.</p> <p>CHECKED ALL LINES, FITTINGS & HOSES. PAINTING UP FOUND</p> <p>NO LEAKS & FINAL RUN UP WAS GOOD. USED INSPECTION</p> <p>ROTOR THAT MEETS THE REQUIREMENTS OF FAR PART 43.</p>		
<p>Date <u>1-6-82</u> Tach <u>464.19</u> Total Time <u>464.19</u></p> <p>I certify that this <u>ENGINE</u> has been inspected in</p> <p>accordance with a <u>100 HR</u> inspection and</p> <p>was determined to be in an airworthy condition.</p> <p><u>Don M. Burrows</u></p>		

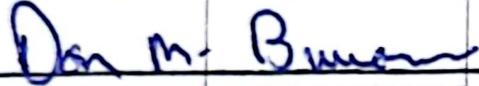
Don M. Burrows A&P 444589810

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-15-52	Brought Forward →	TACH TIME 464.68		
		REPLACED ALTERNATE AIR BOX PART # 35928-02		
		CHECKED CONTROL CHECKED GOOD. RAN ENGINE		
		(CHECKED) GOOD.		
			Down on Pump	
			DIP # 444 589810	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
10-1-82 TACH + TOTAL TIME 542.60		
CHANGED OIL FILTER INSTALLED 1201 AEROSHELL 50WT.		
CLEANED + GAPPED ALL SPARKPLUGS. RAN COMPRESSION CHECK #1 77/80		
#2 78/80, #3 76/80, #4 76/80, #5 74/80, #6 75/80, REMOVED MAGNETO		
PART # 10-382560-11 MODEL # 06LN-2031 SIN 29040 AND		
CIV AIR # 82-11-05 BY REPLACING BOTH GEARS. CIV AIR # 78-0507 BY		
INSPECTION OF IMPULS COUPLING. CIV AIR 80-17-14 BY CHECKING DISTORTION		
OF MAGNETO CAP. CIV AIR 82-20-01 BY CHECKING HARDNESS OF PLYWEIGHTS		
WASHED ENGINE RAN ENGINE MAGNETO CHECK GOOD FOUND NO OIL LEAKS.		
INSTALLED ENGINE COUPLING.		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Date <u>12-1-82</u>	Tach <u>542.60</u>	Total Time <u>542.60</u>	
	I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in an airworthy condition.			
	 Don M. Burrows A&P 444589810			
<u>10-29-82</u>	Tach <u>555.59</u>			
	Replaced 10 RHM 38E Spark plugs.  A&P 448608195			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>6-7-83 TAX Time: 593.33</p> <p>CLEANED + GRIND ALL SPARK PLUGS + CHECKED ALL LEADS. CLEANED OUT BIPASS W/35T. RAN ENGINE CHECKED ETC.</p> <p style="text-align: center;">Don M. Brown #44458980</p>		
<p>6-9-83 TAX Time 597.33</p> <p>CHANGED OIL + FILTER BUSHES (2 @) AIR FILTER SOUT. OIL, CLEANED + GRIND LEFT MAG PLUGS AGAIN. ADJUSTED VALVE CLEARANCE. RAN ENGINE CHECKED FOR LEAKS FOUND NONE.</p> <p style="text-align: center;">Don Don Brown #44458980</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-1-83	Brought Forward →	TACH & TOTAL TIME: 648.83		
				<p>CHANGED OIL & FILTER. INSTALLED 12 QT'S ARMOshell SOWT OIL. CLEANED & GAPPED ALL SPARK PLUGS, REPLACED 3 PLUGS. RA- COMPRESSION CHECK. #1 76/80, #2 76/80, #3 76/80 #4 75/80, #5 76/80, #6 75/80. STEP DRILLED CRACK IN PISTON SKIRT. CLEANED ALL FUEL SCREENS. CLEANED AIR FILTER. CHECKED ALL CONES & FITTINGS. WASHED ENGINE, RAN CHECKED FOR LEAKS FOUND NONE.</p>
			Date <u>11-1-83</u> Tach <u>648.83</u> Total Time <u>648.83</u>	
			<p>I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in an airworthy condition.</p>	
Total To Carry Forward			<p style="text-align: center;"><u>Don M. Burrows</u> Don M. Burrows A&P 444589810</p>	

and Remarks	Signature	Certificate No.
11-22-83 Tach. 658.01		
Replaced Air Inlet hose.	James A. [Signature]	AIP 448602193
TAC READS 698.9 TT		
I CERTIFY THAT A 50 HR INSP WAS		
ACCOM ON THIS ENG IAN PIPER MAINT		
CHECK LIST & THIS DATE ENG WAS		
RETURNED TO SERVICE 11 FEB 1984		
- END -	AIP David M. [Signature]	444-42-1179

NOTE: NEW HOBBS METER WAS INST AT THIS TAC TIME.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
July 26, 84	TAC time	<u>749 hrs</u>		changed oil, ¹ / ₂ Filter installed 12 qts aeroshell 50 wt. David M. Smith A: P 501-48-5250
21 SEPT 84			801	CHANGED OIL & FILTER
4 MAR 85			832	CHANGED OIL & FILTER, COOL 5-76, 6-74/80. INSPECTION
Total To Carry Forward				

and Remarks	Signature	Certificate No.
REPLACED STARTER TENDIX	<i>Don Hudson</i>	A1564797
UNDER COMP CK'D: #1-76, 2-74, 3-76, 4-76		
COMPLETED PER PAC. CK LIST.		
I CERTIFY THAT THIS ENGINE		
SPECTED IN ACCORDANCE WITH A 100 Hr		
AND WAS FOUND TO BE IN AIRWORTHY CONDITION.	<i>Don Hudson</i>	A1564797

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
JUL 85	Brought Forward →		850	CHANGED OIL (AERE & TIPS)
12-3-85			930	changed oil & filter
26 MAR 86			955	CHANGED OIL / FILTER SPARK PLUGS, CYC COMP. TIGHTEN ALTERNATOR BOLT
Total To Carry Forward				

and Remarks	Signature	Certificate No.
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SHARC 50W) ; FILTER - SERVO. PART.	<i>Don Guler</i>	A-P 1564797
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Aero Shell 40. Serviced struts checked turn follow friction		A-P 1565254
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Petro Shell 100W) CLEANED & GAPPED CK'D #, 76/80 2 74/80 3 76/80 4 74/80 5 74/80 6 74/80		
---	--	--

RESEALED ROCKER COVER GASKETS.		
--------------------------------	--	--

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.	<i>Don Guler</i>	A-P 1564797
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ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5-14-86	Brought Forward →	Tach time 993.99		Changed oil & filters 50wt aeroshell & CH48103. Ran & checked for leaks Mitsuba Aps 40745545
7/9/86		Tach time 1055.15	TOTAL time 1055.15	100 hr. (cold) Spec. Compression CK #1700 aeroshell oil 50wt added. amend 39-4538 IAW Bender 1555.15 tach time. Reinstalled NO OTHER IDS apply to date. NOTE: Spark plugs were Replaced
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p> Insp. Completed IAW 135.421 John Evans & Darrel Grazerop #2 68 #3 70 #4 70 #5 69 #6 70. Changed oil & Filter CH48103 and lubed & checked all controls for operation. CW 7D 78-09-0723 SB 599B "Inspection of Flyweight on Impulse coupling". Next due date & checked magneto operation OK. Alternator is in good condition is in good condition is in good condition is in good condition will new all 6 cyl.^s. </p>	<p> Certify this Engine is in good condition has been inspected in accordance with the Annual/100 Hour inspection and found to be in airworthy condition. <u>Mike Schaden</u> IA & AP 540745545 </p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12/20/84	Brought Forward →	Tach time	1075.	Total time 1075.
				Annual Insp. completed IAW Service Manual
				\$135.421 John Evans General Grievances of Specs
				Compression CK #1 79/80 #2 76/80 #3 75/80 #4 76/80
				#5 78/80 #6 79/80. Visual Insp completed of engine
				AD's checked through 810-23
				I certify this Engine/Airframe has been inspected in accordance with the Annual/100 hour inspection and found to be in airworthy condition.
				Nike Schneider IA & AP 540745545
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
1-20-87		TACK TIME	1104.07	REPLACED STARTER BONDOR
2-13-87			1112.42	CHANGE OIL AND FILTER
5-22-87			1140.45	CHANGE OIL AND FILTER
7-29-87			1180.12	CHANGE OIL AND FILTER
8-4-87			1186.42	REPLACE SPARK PLUGS
10-30-87			1209.54	CHANGE OIL AND FILTER
all A.D.s checked & c/w thru 11-24-87 See check list this date for details in AK log.				I certify that this <u>Prop</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition. Date <u>12-2-87</u> Tach. <u>1241</u> T.T. <u>1241</u> <u>John Hill</u> A & P 1365602-FA
all work done IAW				
Manof Maint Manual.				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
	Wagon McNeill	OWNER

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
12-2-87			1241	CHANGE OIL FILTER
1-20-88			1271	CHANGE OIL FILTER
2-25-88			1310	CHANGE OIL FILTER
3-24-88			1347	CHANGE OIL FILTER
6-3-88			1380	CHANGE OIL FILTER
10-6-88			1409	" " "
10-6-88			1409	REPLACE BRAKE PADS
1-3-89		Front Muffler	R+R for	H/H
		Muff Replaced.		
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4-2-89			1465	OIL AND FILTER CHANGE
7-27-89			1489	CHANGE OIL AND FILTER
8-6-89			1501	" " "
9-1-89			1533	CHANGE OIL AND FILTER
Total To Carry Forward				

and Remarks	Signature	Certificate No.
	Wayne McWells	OWNER
All A.D.s checked & CPW thru 1-31-90 see check list this date for details All AD Work		
done FAW Manual. Mauritz Manuals.	I certify that this <u>Engine</u> has been inspected in accordance with a Annual ^{hour} inspection and was determined to be in airworthy condition.	
	Date <u>2 Feb 90</u> Tach. <u>1544</u> T.T. <u>1544</u>	
	<u>Paul H. Hill</u> A & P	1365602 IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	I certify that this <u>ENGINE</u>			
	has been inspected in accordance with			
	<u>Annual</u> inspection and was			
	determined to be in airworthy condition.			
	<u>10/5/90</u>		<u>1616.3</u>	
	Date		Total Time	
	Daniel A. Miller			
	B77020180 IA			
	Compression #1 $76/80$ #2 $75/80$ #3 $70/80$ #4 $75/80$ #5 $77/80$ #6 $77/80$			
	ENGINE SERVICED WITH 12 QTS AEROSHELL 100W & Filter			
	Retimed magnetos.			
Total To Carry Forward		Repaired crack in rear muffler		

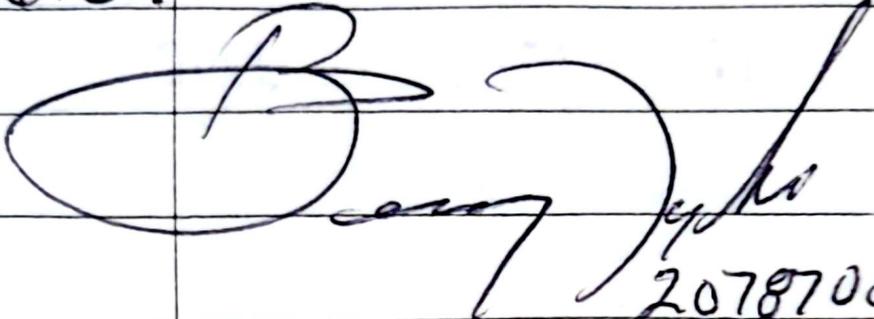
and Remarks	Signature	Certificate No.
CIWAO 78-09-07-R3 MAGNETO Impulse coupling NEXT DUE IN 500 hrs.		
ADs checked through issue 90-18 Dan Miller 570082180 1A		

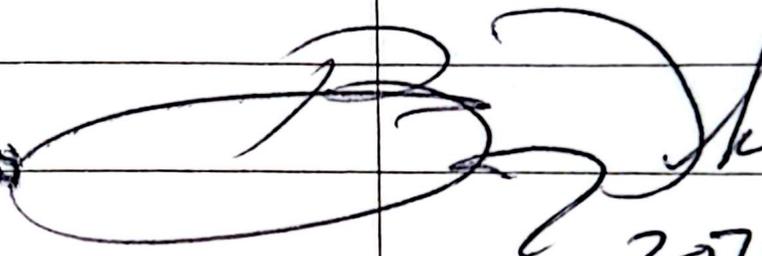
ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
2/4/91			1667.54	Replaced STARTER Changed oil & filter repaired alternator bracket Dan Miller 520082180/114
Total To Carry Forward				

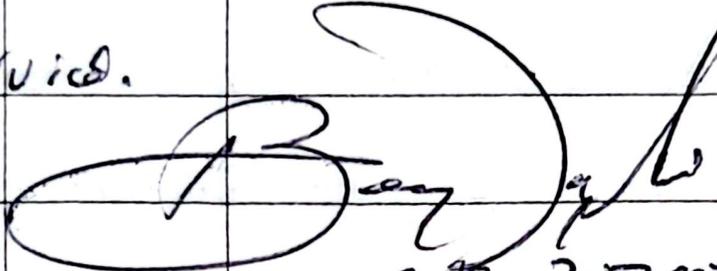
and Remarks	Signature	Certificate No.
I certify that this <u>ENGINE</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.		
<u>12/4/91</u> <u>1740.16</u> Date Total Time		
Daniel A. Miller 570083180 IA		
Compression #1 $\frac{71}{80}$ #2 $\frac{75}{80}$ #3 $\frac{75}{80}$ #4 $\frac{78}{80}$ #5 $\frac{79}{80}$ #6 $\frac{75}{80}$		
ENGINE SERVICED WITH 12 OATS AEROSHELL 100W & CH48104 Filter		
ADs checked through issue 91-22 Dan Miller 57008218012		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-22-92	Brought Forward →	TACH: 1767.6		REPLACED STARTER BENDIX P/N 137-2043. RUN-UP SAT. RETURN TO SERVICE.
BEN TAGUCHI & ASSOCIATES AIRCRAFT MAINTENANCE 4233 SANTA ANITA AVE. #10 EL MONTE, CA 91731		 2078708 IA		
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>8-12-92 TACH: 1783.6 Replaced all plugs P/N RHM 388. Replaced mag. Replaced fuel line at strainer, repaired defroster tubes on fire wall. Inflated nose strut & checked tire press. Run-up satisfactory - Return to service</p>		<p>2078708 JA</p>
<p>BEN TAGUCHI & ASSOCIATES AIRCRAFT MAINTENANCE 4233 SANTA ANITA AVE. #10 EL MONTE, CA 91731</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10-14-02	TACH: 1817.5			CHANGED OIL & FILTER 1 ^{1/2} 48103. REFILLED CRANK CASE W/ 124. Aeromac SWG. Run-up 805. Return to service.
BEN TAGUCHI & ASSOCIATES AIRCRAFT MAINTENANCE 4233 SANTA ANITA AVE. #10 EL MONTE, CA 91731		 AJP 2078708		
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>1-4-93 TACH: 1036.7</p> <p>PERFORMED 100hr./ANNUAL INSPECTION AS PER PIPER MAINT. MANUAL; LYC. MAINT. MANUAL; FPR 43 APPX. D.</p> <p>PERFORMED COMP. TESTS. #1 70/80 #2 74/80 #3 74/80 #4 74/80 #5 69/80 #6 76/80. CHANGED OIL & FILTER SERVICED W/ Dqf. AEROSHELL W-100. RIGID SAT. APPROVED FOR RETURN TO SERVICE.</p>		
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE W/AN ANNUAL INSPECTION. AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME. BENNY TAGUCHI  2078708 IA</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major Use		
8-28-93	Brought Forward →	1915.0		
				Changed oil 10 QT ASMO SAE 100 ✓
				Changed oil FILTER #48103 AOA
				Samped
				Job at W. D. W. 1470300
11-04-93	TRAC	1937.5		
				REPLACED STARTER
				Job at W. D. W. 1490300
Total To Carry Forward				

and Remarks

Signature

Certificate No.

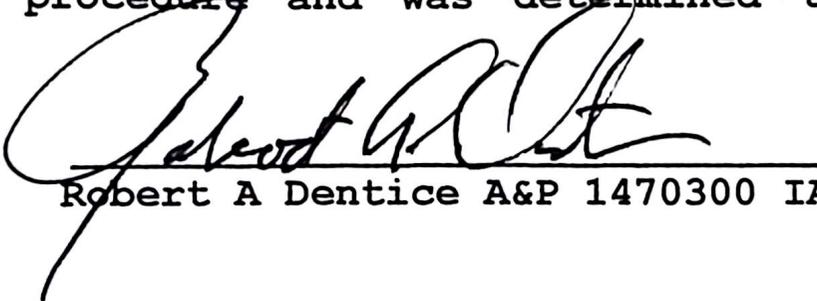
Lycoming O 540-J3A5D S/N L-22003-40A Tach 1964.1
TTIS 1964.4 02/02/94

Compression check, #1 73/80 #2 70/80 #3 72/80 #4 73/80 #5 72/80 #6 70/80. Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48103. See AVTEK Work Order Changed oil, with seven quarts Aero Shell 100W and oil filter, CH 48111. Remove and replace all spark plugs for cleaning and gap.

Researched A.D.notes thru 94-1. Inspected and serviced this engine using the Piper PA-28 shop manual and Lycoming P/N 60297-10 as a guide.

A.D. 92-15-16 (CFS carburetor floats) n/a due to carburetor work. A/D 92-12-05, N/A, no new wrist pins. A/D 93-05-21, fuel pump, N/A due to no fuel pump overhaul. A/D 93/18/03 (a) carburetor Venturi, C/W by inspection. Researched A.D.notes thru 94-2

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


Robert A Dentice A&P 1470300 IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

LYNN'S AIRCRAFT ENGINES

Repair Station No. YB3R991L
4001 N. Santa Anita Ave., El Monte, CA 91731
(818) 579-9936

MANUFACTURER Lycoming

NAME OF PART Overhaul Engine

MODEL O-540-J3A5D SERIAL NO. L-22003-40A

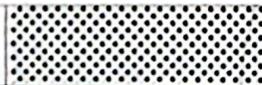
HOBBS _____ TACH _____

The Aircraft Engine or Component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Administration and is approved for return to service.
Pertinent details of the repair are on file at this repair station under Work Order

No. W/O #23123

SIGNATURE [Signature] DATE 3/23/95

Total To Carry Forward

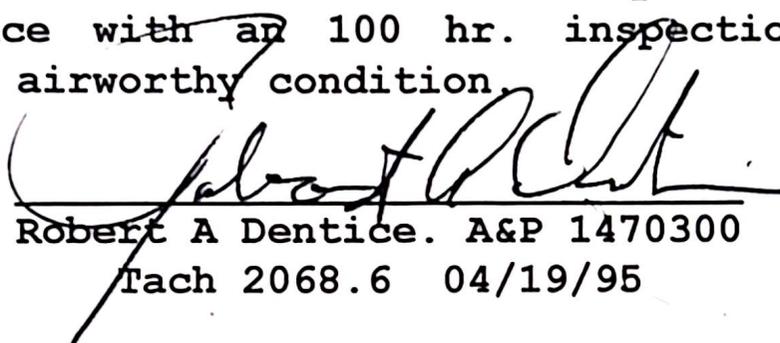


Lycoming O 540-J3A5D S/N L-22003-40A Tach 2057.4 TSMOH Zero TTIS 2057.4
03/24/95

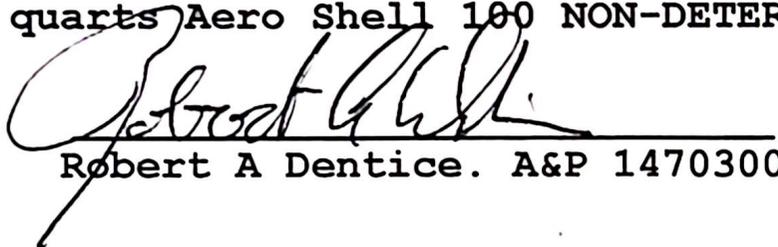
R & R engine for major overhauled by Lynns Engines, FAARS# YB3R991L.
Propeller and propeller major overhauled by Valley Propeller Service of
Chico, California. R & R Engine oil cooler for overhaul by Pacific Oil
Cooler Service, see Invoice # 112729, dated 10/26/94. Time continues on
starter, alternator and vacuum pump.

Installed engine in accordance with the Piper PA 28-236 Shop Manual
using new engine mounts, hoses and Scatt tube. Serviced with eight quarts
Aero Shell 100 NON-DETERGENT OIL and Champion Oil filter, CH48103. See
AVTEK Work Order #N3574X for specific details.

Researched A.D. notes thru 95-5. I certify that this engine has been
inspected in accordance with an 100 hr. inspection procedure and was
determined to be in an airworthy condition.


Robert A Dentice. A&P 1470300
Tach 2068.6 04/19/95

Serviced with eight quarts Aero Shell 100 NON-DETERGENT OIL and Champion
Oil filter, CH48103

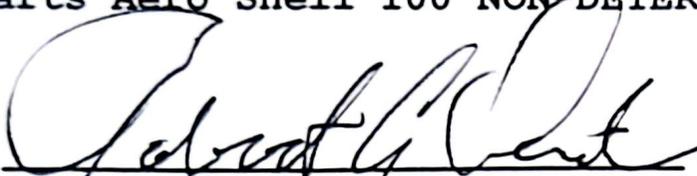

Robert A Dentice. A&P 1470300

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

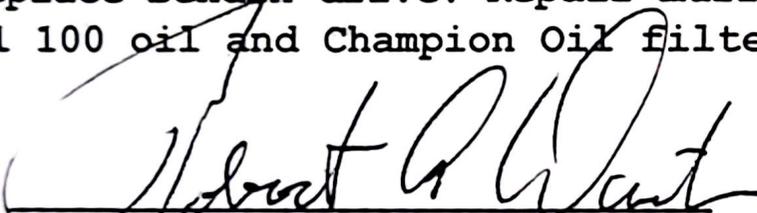
Lycoming O 540-J3A5D S/N L-22003-40A Tach 2105.5 08/19/95

Serviced with eight quarts Aero Shell 100 NON-DETERGENT OIL and Champion Oil filter, CH48103


Robert A Dentice. A&P 1470300

Tach 2146.8 11/02/95

R&R starter and replace Bendix drive. Repair muffler Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48103


Robert A Dentice. A&P 1470300

Total To
y Forward

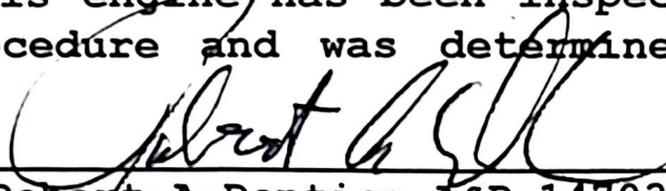
Lycoming O 540-J3A5D S/N L-22003-40A Tach 2172.1 TSMOH 114.6 04/02/96

Compression check, #1 72/80 #2 72/80 #3 70/80 #4 72/80 #5 70/80 #6 68/80. Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48104. Remove and replace all spark plugs for cleaning and gap.

Researched A.D.notes thru 96-6. Inspected and serviced this engine using the Piper PA-28 shop manual and Lycoming P/N 60297-10 as a guide.

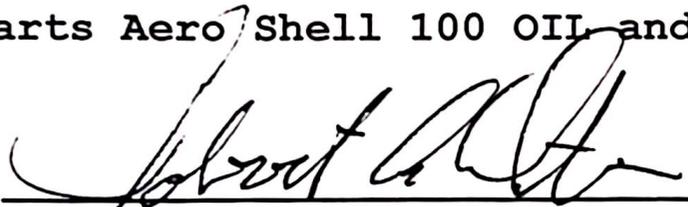
A.D. 92-15-16 (CFS carburetor floats) n/a due to carburetor work. A/D 92-12-05, N/A, no new wrist pins. A/D 93-05-21, fuel pump, N/A due to no fuel pump overhaul. A/D 93/18/03 (a) carburetor Venturi, C/W by inspection. Researched A.D.notes thru 96-6.

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


Robert A Dentice A&P 1470300 IA

Tach 2207.0 07/03/96

Serviced with eight quarts Aero Shell 100 OIL and Oil filter, CH48103


Robert A Dentice. A&P 1470300

ENGINE LOG

Lycoming O 540-J3A5D S/N L-22003-40A Tach 2231.5 10/12/96

Serviced with eight quarts Aero Shell 100 OIL and Oil filter, CH48103



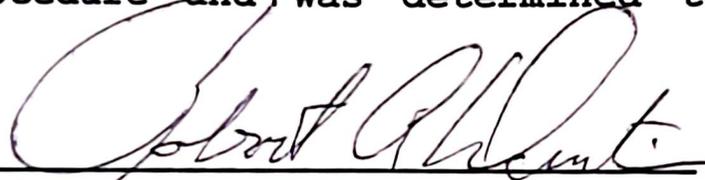
Robert A Dentice. A&P 1470300

Tach 2262.1 TTIS 2262.1 TSMOH 204.7 05/02/97

Compression check, #1 72/80 #2 70/80 #3 70/80 #4 72/80 #5 72/80 #6 72/80. Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48104. Remove and replace all spark plugs for cleaning and gap.

Researched A.D.notes thru 97-10 Inspected and serviced this engine using the Piper PA-28 shop manual and Lycoming P/N 60297-10 as a guide. A.D. 92-15-16 (CFS carburetor floats) n/a due to carburetor work. A/D 92-12-05, N/A, no new wrist pins. A/D 93-05-21, fuel pump, N/A due to no fuel pump overhaul. A/D 93/18/03 (a) carburetor Venturi, C/W by inspection.

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



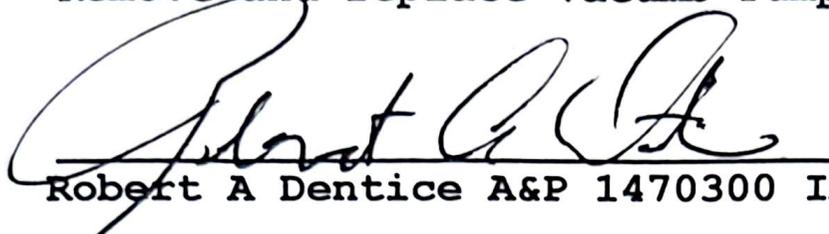
Robert A Dentice A&P 1470300 IA

07/14/97 Tach 2278.0

Air West, FAA RRS TV3R881L, repaired starter . See WO# 2005 dated 07/14/97

Lycoming O 540-J3A5D S/N L-22003-40A Tach 2274.5 07/02/97

Remove and replace Vacumb Pump



Robert A Dentice A&P 1470300 IA

Lycoming O 540-J3A5D S/N L-22003-40A 10/21/97
Tach 2296.9 TTIS 2296.9

Remove all spark plugs for cleaning and gap. Install six new spark plugs in the top position and replace best six in the lower positions. Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48111.



Robert A Dentice A&P 1470300 IA

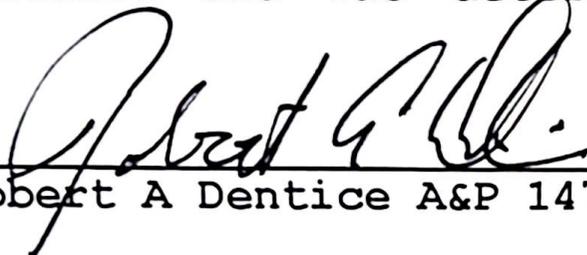
ENGINE LOG

Lycoming O 540-J3A5D S/N L-22003-40A 06/03/97
Tach 2268.8 TTIS 2268.8 TSMOH 211.4

Compression check, #1 72/80 #2 70/80 #3 70/80 #4 72/80 #5 72/80 #6 72/80. Serviced with eight quarts Aero Shell 100 oil and Champion Oil filter, CH48103. Changed oil, with seven quarts Aero Shell 100W and oil filter, CH 48111. Remove and replace all spark plugs for cleaning and gap.

Researched A.D.notes thru 97-10 Inspected and serviced this engine using the Piper PA-28 shop manual and Lycoming P/N 60297-10 as a guide. A.D. 92-15-16 (CFS carburetor floats) n/a due to carburetor work. A/D 92-12-05, N/A, no new wrist pins. A/D 93-05-21, fuel pump, N/A due to no fuel pump overhaul. A/D 93/18/03 (a) carburetor Venturi, C/W by inspection.

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


Robert A Dentice A&P 1470300 IA

7-1-98 Task 2324.11 T.T. 266.7 S.M.O.H.

and Remarks	Signature	Certificate No.
<p>100 hr Inspection:</p> <p>Compression Test. @ 77/180 @ 78/180 @ 74/180 @ 74/180 @ 77/180 @ 74/180. Remove all Spark Plugs, Cleaned, gap, tested. Check Both Magnets at 20° Change oil and filter Ch 48003. Service Engine with 10 qts Aeroshell 100wt. Inspect Exhaust system Replace Heat Muff Bolts. Replace #2 oil bre filter. Repaired fuel leak at Carb. Remove Starter for cleaning + lube. Inspect Engine controls. Wiped all controls. Inspected Prop. Service Props + Dress. Remove Engine No oil leaks at this time.</p>		

AIR WORTHY A/C
 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 2324.11
 INSPECTION
 AND WAS DETERMINED TO BE AIR WORTHY CONDITION.
 DATE 7-1-98 TASK TIME 2324.11 HRS.
[Signature] 200039549

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-14-98	Brought Forward →	2353.94		Change oil, filter. Spin Crym with Acosoll 100w, 11 QTs. 9148103 installed. No oil leaks at the time. Key # 200393078
Total To Carry Forward				

8-1-99

Total engine time 343.7 S.M.O.H.

and Remarks

Tach time 2400-16

Signature

Certificate No.

100th

Inspection Compression Test. ① 22/80 ② 24/80 ③ 72/80 ④ 77/80 ⑤ 74/80 ⑥ 74/80

Removed all Spark Plugs. Cleaned & tested & Gap. Ch Magn @ 23°. Change oil & of the Ch 48103 felt installed. Some engine with Corbitt Mount 11 qt. Clean fuel system & Clean air & the Inspected Exhaust system. Seal engine air gaps. Wash engine. Rep engine. No oil leak at this time.

~~IDENTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED~~
~~IN ACCORDANCE WITH A 100th~~
~~INSPECTION~~
~~AND WAS DETERMINED TO BE AIRWORTHY CONDITION.~~
8-1-99 TACH TIME 2400-16 HRS.
By [Signature] 2000 293 HRS.

THIS 100th HAS BEEN INSPECTED IN
ACCORDANCE WITH AN 100th INSPECTION
AND WAS DETERMINED TO BE IN AN AIRWORTHY
CONDITION.
DATE: 8-1-99 TACH TIME 2400-16 HRS. THIS HRS.
SIGNATURE [Signature]
A & P # 100169 RA
KALMAN J. IRWIN

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-17-99	Brought Forward →	2438.95		Change oil & filter C#48103 Installed Service all tires. Service Service Service Engine 10 @ 5 Amshell 100 wt Wash Engine - Run engine No oil leads by Robert 200393 RTH
6-1-00		2468.65		Change oil & filter. Service engine with Amshell 100 wt. 10 @ 5. C# 48103 installed. Run engine No oil leads at this time. by Robert 200393 RTH
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9-15-00	Brought Forward →	443.2	2500.1	CHANGED OIL & OIL TEST #1 78/80 #2 75/80 RESET INTERNAL TIMING INSP due @ 3000. & Replaced AIR FILTER.
Total To Carry Forward				

OVERHAULS

Work Done By	Certificate No.	Returned to Service		
		By	Certificate No.	Date
FILTER. SERVICED WITH SHELL 100W. COMPRESSION				
#3 76/80 #4. 75/80 #5 78/80 #6 77/80. Removed MAG.				
& Inspected IMPULSE COUPLING PER A.D. 96-12-07, NX				
REPLACED ALL SPARKPLUGS. RHM40E. CLEANED FUEL FILTER				
	Annual Inspection Completed This Date <u>9-15-00</u> At <u>2500.1</u> Hours.			
	I Certify That This Aircraft/Engine Has Been Inspected IAW An Annual Inspection And Was Determined To Be In An Airworthy Condition			
	Mike Passwater AD1758050AT			
				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	* This Date	Since Major		
9-21-01.	Brought Forward →	517.4 ^{MP}	2574.3 ^{MP}	CHANGED OIL + OIL
		493.4	2550.3	#1 79/80 #2 75/80 #3 78/80

5/29/02

Tach ~ 2588.8

Due @ 3000. CLEANED

Replaced all shafts, mufflers + risers with overballs. Replaced all exhaust strands compatible with New. 38154-003, 38162-007, 35934-002, 35939-002, 632243-002, 6 EA 77411 and all hardware. Good run after repair for return to service

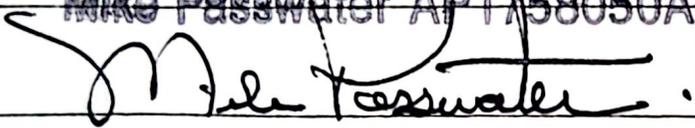
Replaced OIL FILTER

A.D. 99-04-04 N/A, INSP.

bendix EBB-131A DRIVE

[Signature] 625265546A+P

IN = 8123

and Remarks	Signature	Certificate No.
FILTER. SERVICED WITH SHELL 100W. COMPRESSION TEST.		
#4 78/80 #5 79/80 #6 78/80. CHECKED MAG TIMING.		A.I.D. 96-12-07
SPARK PLUGS, CLEANED FUEL FILTER.	REPLACED AIR FILTER	
ADAPTER GASKET PER A.I.D. 00-18-53.	A.I.D. 96-09-10	N/A.
OIL COOLER HOSES PER A.I.D. 95-26-13.	REPLACED	STARTER
Annual Inspection Completed This Date <u>9-21-2001</u> At <u>2550.3</u> Hours. <u>2550.3</u>		
I Certify That This Aircraft/Engine Has Been Inspected IAW		
An Annual Inspection And Was Determined To Be In An		
Airworthy Condition		
Mike Passwater AP1758050AI		
		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12/13/02	Brought Forward →			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 1.A, 1482954
TACH	2622.58			
S.M.O.H.	565.68			R. B. Mearns
	COMPRESSION			
	#1 $\frac{76}{80}$	#2 $\frac{77}{80}$	#3 $\frac{76}{80}$	#4 $\frac{76}{80}$
				#5 $\frac{77}{80}$ #6 $\frac{76}{80}$
10/20/03	Tach 2668.99 TSMOH 612.0 Changed oil serviced with 12 qts Aeroshell 100W. Kim B. Huntington 2697907 AP <i>KB Huntington</i>		10/23/03	Tach 2669.22 TSMOH 612.23 Replaced oil filter with new CH48103. Replaced 11 spark plugs w/new RHM40E Cyl 4 top not new Kim B. Huntington 2697907 AP <i>KB Huntington</i>
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>January 17, 2004 Tach 2674.11 TT 2674.11 TSMOH 617.35 Engine Inspected IAW Mfg.'s recommendations for a 100 hr inspection. Compression √: #1-75, #2-74, #3-75, #4-76, #5-76, #6-76 Replaced air filter with new BA2905 Replaced #4 top spark plug with new. Replaced Carb heat scat tubing with new CW AD 95-26-13 by replacement of oil hoses w/ Type "D" hoses, next due 3674.11 or January 2012. Recurring inspections no longer apply. CW AD 95-07-01 by visual inspection. Bolt heads marked SPS. No further action required. Replaced Alternator belt with new 73965-015. Replaced Starter w/ ovhld unit PN MZ4222 SN D121785.</p>		
<p>I certify that this Engine has been Inspected IAW an Annual inspection and found to be in an Airworthy Condition, at this time and approved for Return to Service. See Signed AD Listing for Details.</p>		
<p> Scott R. Huntington AP26979141A</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2/16/05	Brought Forward →			
TACH	2720.25			I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. I. A. 1482954
S.M.O.H.	663.35			
	COMPRESSION			R. GUNN
	#1 $\frac{76}{80}$	#2 $\frac{74}{80}$	#3 $\frac{79}{80}$	#4 $\frac{70}{80}$ #5 $\frac{78}{80}$ #6 $\frac{78}{80}$
	A.D. 2002-23-06 N/A THIS ENGINE - ENG.			
	MODEL NOT LISTED IN A.D.			
	WITH EXCEPTION			
	A.D. 2002-12-07 TO DO			
Total To Carry Forward				

Model: O-540-J3A5D
L-22003-40A
N3574X

FAST Aviation, Inc.
4015 N. Santa Anita Ave.
El Monte, CA 91731
(626) 575-3278

Date: Feb. 15, 2005
Tach: 2720.25

Certificate No.

Complied with AD2002-12-07 by replacement with new gasket P/N 06B23072
in accordance with SB543B and SI1453A.


Richard K. Anderson A&P 559400710

04-10-2006 TACH. 2773.9 TTIS 2773.9 SMOH 717.0
COMPRESSION CHECK: #1 - $\frac{76}{80}$; #2 - $\frac{75}{80}$; #3 - $\frac{78}{80}$; #4 - $\frac{73}{80}$; #5 - $\frac{78}{80}$;
#6 - $\frac{77}{80}$. AD 2005-26-10 N/A. REMOVE SPARK PLUGS; CLEAN
& REGAP; ROTATE LOCATION. CHECK MAG TO ENGINE TIMING.
DRAIN ENGINE OIL & REPLACE WITH 12 QTS AEROSHELL W100.
REMOVE OIL FILTER (CH48103-1), CUT & INSPECT; SATISFACTORY.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN AN
ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY
CONDITION.  IA3086249AD
SB519A - N/A W. S/N

ENGINE LOG

Model: O-540-J3A5D
Date: N3574X

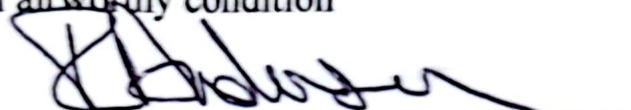
FAST Aviation, Inc.
4015 N. Santa Anita Ave.
El Monte, CA 91731
(626) 575-3278

Date: May 21, 2007
Tach: 2805.9
TSMO: 749.0
TTE: 2805.9

intenance

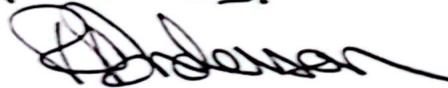
ENGINE LOG ENTRY

Engine inspected in accordance with Lycoming 100 hour inspection.
Compression check: #1-77/80; #2-78/80; #3-75/80; #4-73/80; #5-77/80;
#6-77/80. Drain engine oil and remove filter; cut and inspect filter—no metallic
substance found. Service with Aeroshell W100 (12 quarts) and filter (CH48103).
I certify that this engine has been inspected in accordance with a 100 hour
inspection and found to be in an airworthy condition

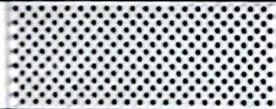

Richard K. Anderson A&P 3086249

Nothing follows

AD 2005-26-10, ECI CYLINDERS COMPLIED WITH
(2) NO FURTHER ACTION REQUIRED.

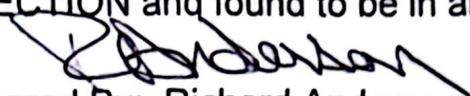


Total To
Carry Forward



Date: June 4, 2008	Mfgr: O-540-J3A5D	Serial # L-22003-40A
Tach: 2,825.9	Total Time: 2825.9	SMOH: 769.02

Engine inspected in accordance with Textron Lycoming Operator's Manual Series I-540, Section 4. Compression check: #1 - 79/80; # 2 - 78/80; # 3 - 78/80; # 4 - 75/80; #5 - 76/80; # 6 - 77/80. Drain engine oil and remove oil filter; cut and inspect filter - satisfactory. Service with Aeroshell W100 (12 quarts) and oil filter, CH48103. Remove spark plugs; clean, inspect, and regap. I certify that this ENGINE has been inspected in accordance with an 100 HOUR INSPECTION and found to be in an airworthy condition.


Prepared By: Richard Anderson, AP 3086249

Nothing follows.....

Date: 08-12-2009	Mfgr: LYCOMING O-540	Serial # L-22003-40A
Tach: 2,838.5	Total Time:	SMOH:

Remove engine cowling to access alternator and remove faulty alternator. Replace with alternator overhauled by Aero Accessories, Van Nuys, CA. (p/n 4111810, s/n H024961) Form 8130-3 attached and replace engine cowling.

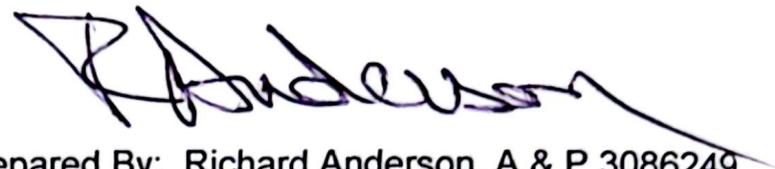

Prepared By: Richard Anderson AP3086249
Aviation Maintenance Center
4001 N. Santa Anita Ave.
El Monte, CA 91731

Nothing follows.....

ENGINE LOG

Date: SEPT. 17, 2009	Mfgr: Lycoming O-540J3A5	Serial # L22003-40A
Tach: 2,840.2	Total Time: 2840.2	SMOH: 783.32

Completed ANNUAL/100 hour service this date in accordance with 14 CFR Part 43, Appendix D, Textron Lycoming Operator's Manual Series O-540 and PIPER Service Manual for Dakota PA28-236. Compression check: #1 - 79/80; #2 - 79/80; #3 - 79/80; #4 - 79/80; #5 - 79/80; #6 - 78/80. Drain engine oil and remove oil filter; service with Aeroshell W100 (12 qts.) and oil filter (CH48103-1). Remove spark plugs, clean, regap and rotate location. Remove magneto (D6LN-2031) for overhaul by Aero Accessories Van Nuys, California; reinstall and time engine to magneto. I certify that this Engine has been inspected in accordance with an ANNUAL/100 Hour INSPECTION and found to be in an airworthy condition.



Prepared By: Richard Anderson, A & P 3086249
Aviation Maintenance Center
4001 N. Santa Anita Ave.
El Monte, CA 91731

Nothing follows.....

Total To Carry Forward				

1. Approving National Aviation Authority/Country: UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 30652	
4. Organization Name and Address: AERO ACCESSORIES 16152 VALERIO ST. VAN NUYS CALIF. 91406					5. Work Order/Contract/Invoice Number: 30652		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	MAGNETO D6LN-2031	10-382560-11	TBV BY INSTALLER	1	29040	OVERHAULED	
13. Remarks: REPAIRED, INPECTED AND TESTED IN ACCORDANCE WITH T.C.M. SERVICE MANUAL AS PER OVERHAUL. A.D. STATUS 78-09-07R3 S.S. 78-18-04 C/W 79-12-07 C/W 79-18-06 C/W 80-17-14 C/W 82-11-05 C/W 82-20-01 S.S. 92-12-07 S.S. 05-12-06 C/W							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.: XXXXXXXXXXXXXXXXXXXX		20. Authorized Signature: 		21. Approval/Certificate No.: XB2R286L	
17. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXX		18. Date: XXXXXXXXXXXXXXXXXXXX		22. Name (Typed or Printed): ROBERT M. RUMM		23. Date (m/d/y): SEP/09/2009	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
*here the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

Form 8130-3 (6-01)

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

NSN: 0052-00-012-9005

ENGINE LOG

Date: Feb. 11, 2011

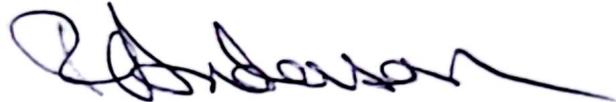
Mfgr: Lycoming O-540-J3A5 Serial # L22003-40A

Tach: 2,851.1

Total Time: 2851.1

SMOH: 794.22

Completed ANNUAL/100 hour service this date in accordance with 14 CFR Part 43, Appendix D, Textron Lycoming Operator's Manual Series O-540 and Piper Service Manual for Dakota PA28-236. Compression check: #1 - 79/80; #2 - 77/80; #3 - 78/80; #4 - 76/80; #5 - 78/80; #6 - 78/80. Drain engine oil and remove oil filter; service with Aeroshell W100 (12 qts.) and oil filter (CH48103-1). Remove all spark plugs, clean, regap and rotate location. I certify that this engine has been inspected in accordance with an ANNUAL/100 Hour inspection and found to be in an airworthy condition.



Richard Anderson A&P 3086249 IA
AVIATION MAINTINANCE CENTER
4001 N. Santa Anita Avenue
El Monte, CA 91731

Nothing follows.....

Total To Carry Forward				

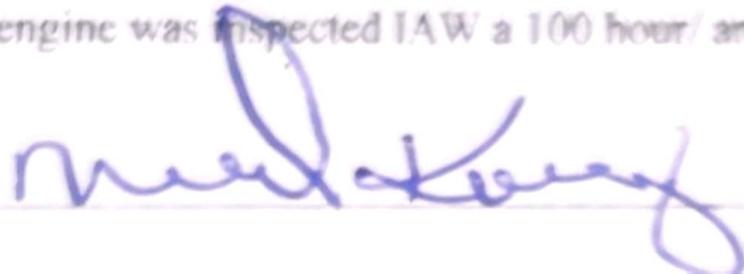
General Aviation
10120 Palm Glen Dr. #15
Santee, CA 92071
04-02-2012

N3574X
ENGINE LOG

(L-540)-13A5D
S/N: L-22003-40A
TSN/0FF: 707 9
A/C T. F. 2855 3

- Inspected engine IAW a 100 hour/ Annual inspection using Piper PA 28-235 maintenance manual.
- Changed engine oil and filter.
- Check the magneto to engine timing.
- Installed a new induction air filter.
- Cleaned, gapped, tested, lubed and installed six top spark plugs. Replaced all six bottom plugs.
- C/W cylinder pressure check #1.76/80 #2.76/80 #3.76/80 #4.74/80.
- Set idle speed and idle mixture.
- Cleaned engine.
- Test ran engine and inspected for leaks.
- I certify this engine was inspected IAW a 100 hour/ annual inspection and is in airworthy condition.

Michael Koontz



I/A 564294173

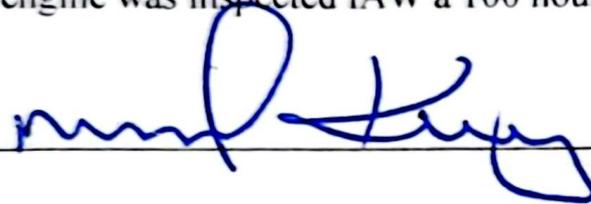
General Aviation
10120 Palm Glen Dr. #15
Santee, CA 92071
10-02-2013

N3574X
ENGINE LOG

0-540-J3A5D
S/N: L-22003-40A
TSMOH: 800.7
A/C T.T: 2857.9

- Inspected engine IAW a 100 hour/ Annual inspection using Piper PA 28-235 maintenance manual.
- Check the magneto to engine timing.
- Installed a new induction air filter.
- Cleaned, gapped, tested, lubed and installed all spark plugs.
- C/W cylinder pressure check #1.72/80 #2.76/80 #3.72/80 #4.70/80 #5. 75/80 #6.76/80.
- Drilled out a broken bolt on the upper alternator adjusting arm installed a helicoil and installed arm And safety wired. Installed fly-wheel and propeller using a new o-ring.
- Cleaned engine.
- Test ran engine and inspected for leaks.
- I certify this engine was inspected IAW a 100 hour/ annual inspection and is in airworthy condition.

Michael Koontz



I/A 564294175

ENGINE MODEL:

0-540-J3A5D

ENGINE S/N: L-22003-40A

REG. NO: N3574X

WORK ORDER: 8475

Wolfe Aviation

P.O. Box 31592

Stockton, CA 95213

Phone: (209) 983-0117

DATE: 8/6/2014

A/C TSN: 2864.73

ENG TT:

TSMOH: 807.53

TACH: 2864.73

Engine Entries

Removed old damaged starter and installed new Sky-Tec starter PN: 149-NL, SN: FN-241463.... Removed all induction tubes, resurfaced and installed induction tubes with new gaskets PN: 71973.... Changed oil, Aeroshell W100 12 qts, and analysis taken. Compression check taken. Oil filter inspected and contents found satisfactory. Installed new CH48103-1 filter. Ground run, leak checked. For AD status see AD compliance record. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

WORKER:



Work Order 8475

and Remarks

Signature

Certificate No.

Date: 4/15/2015; Aircraft: N3574X

Tach: 2887.9 - Drained engine oil, removed filter. Installed new filter pn CH48103-1 and safety wired. Refilled sump with 12 qts. of Aeroshell W100 oil. Ground ran and no leaks noted. Replaced spark plug on #5 cyl., pn URHM40E.

William N. Gough
AP541569635

Date: 8/28/2015; Aircraft: N3574X

Tach: 2940.3 , TSMOH: 883.1 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-78, #2-78, #3-78, #4-76, #5-76, #6-76. Cleaned, inspected, and rotated spark plugs. R&R magneto with new gasket, LW12681 and adjusted magneto to engine timing to 23° BTDC. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48103-1 oil filter and serviced with 12 qts. of Aeroshell W100 oil. Replaced air intake filter pn BA2905. R&R vacuum pump with new RAP215CC, s/n A59408. Replaced alternator bracket pn 65199-005 and belt, pn 73965-015. Helicoiled damaged mounting holes. Replaced carb heat grommet. Fabricated and installed doubler at oil cooler baffle. Checked exhaust system and heat muffs. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK.

William N. Gough
AP541569635 IA

See Next Page

Date: 10/18/2016; Aircraft: N3574X

Tach: 2992.4, TSMOH: 935.2 , Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-76, #2-74, #3-76, #4-78, #5-76, #6-76/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Replaced carb heat seal pn 63684-004. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48103-1 oil filter and serviced with 12 qts. of Aeroshell W100 oil. Replaced air intake filter pn BA2905. Repaired engine mount at nose strut. Primed and painted. Installed new strut seal kit and serviced with nitrogen. Checked exhaust system and heat muff. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK.

William N. Gough
AP541569635 IA

Date: 10-18-16

I certify that this aircraft has been inspected
in accordance with a N21 inspection
and was determined to be in airworthy condition.

Applicable AD notes through 9-22-16
complied with.

Total time (or Tech reading): 2992.4

Signed 	A&P#	<u>541569635IA</u>

NOTES

Date: 8/03/2017; Aircraft: N3574X
Tach: 3032.5 - Drained engine oil, removed filter. Installed new filter pn CH48103-1 and safety wired. Refilled sump with 9 qts. of Aeroshell W100 oil. Ground ran and no leaks noted.
William N. Gough
AP541569635

Date: 10/18/2017; Aircraft: N3574X
Tach: 3052.3, TSMOH: 995.1- Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1-77/80, #2-74/80, #3-78/80, #4-78/80, #5-77/80, #6-75/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48103-1 oil filter and serviced with 9 qts. of Aeroshell W100 oil. Replaced air intake filter pn BA2905. Checked exhaust system and heat muffs. Checked engine controls for operation and security. Test run OK.
William N. Gough
AP541569635 IA

Date: 10-18-17

I certify that this aircraft has been inspected in accordance with a AmI inspection and was determined to be in airworthy condition. Applicable AD notes through 10-11-17 complied with.

Total time (or Tach reading): 3052.3

Signed [Signature] A&P# 501569635IA

Date: 5/08/2018; Aircraft: N3574X

Tach: 3071.8 - R&R prop after replacing crankshaft seal.

Replaced bolt on alternator bracket. Tightened plug on side of crankcase. Ground run good. No leaks noted.

William N. Gough

AP541569635

Date: 11/21/2018; Aircraft: N3574X

Tach: 3114.6, TSMOH: 1057.4 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1 78/80, #2 74/80, #3 74/80, #4 76/80, #5 74/80, #6 74/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48103-1 oil filter and serviced with 9 qts. of Aeroshell 100W oil. Replaced air intake filter pn BA2905. Checked exhaust system and heat muffers. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK.

William N. Gough

AP541569635 IA

Date: 11-21-18

I certify that this aircraft has been inspected
in accordance with a Annual inspection
and was determined to be in airworthy condition.

Applicable AD notes through 11-10-18
complied with.

Total time (or Tach reading): 3114

NOTES

Date: 11/12/2019; Aircraft: N3574X

Tach: 3155.9, TSMOH: 1098.7 - Performed annual inspection IAW FAR 43 appendix D. Checked cylinder compressions. #1 78/80, #2 75/80, #3 76/80, #4 77/80, #5 76/80, #6 78/80. Cleaned, inspected, and rotated spark plugs. Checked magneto to engine timing. Drained oil, took sample and removed filter. Cut and checked ok. Installed new CH48103-1 oil filter and serviced with 9 qts. of Aeroshell 100W oil. Replaced air intake filter pn BA2905. Replaced #1 & #2 induction flange gaskets (2) p/n SL71973 and couplings (2) p/n SL69603. Checked exhaust system and heat muffs. Leak tests OK. Checked engine controls for operation and security. All check OK. Test run and flight OK.

William N. Gough
AP541569635 IA

Date: 11-12-19

I certify that this aircraft has been inspected
in accordance with a Ann 1 inspection
and was determined to be in airworthy condition.
Applicable AD notes through 11-6-19
complied with.

Total time (or Tach reading): 3155.9

Signed



A&P# 501569635IA

JET CENTER MFR

Page 1

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E

Engine Log Entry N3574X

Date: 5-7-20

Tach Time: 3161.25

1. Removed oil filter, cut open and inspected. No discrepancies were noted. Replaced oil filter with new (1ea CH48103-1 Filter).
2. Performed compression test, results as follows: 1) 78, 2) 79, 3) 79, 4) 72, 5) 72, 6) 72.
3. Performed a bore scope inspection of all cylinders. No discrepancies were noted.
4. Engine was thoroughly washed down, run and leak checked. No leaks were noted at this time.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 35073.

Gary Hudnall

Digitally signed by Gary Hudnall
DN: cn=Gary Hudnall, ou=Jet Center MFR, ou=
email=gary@jetcentermfr.com, c=US
Date: 2020.05.08 09:34:58 -0700

Gary N. Hudnall



JET CENTER MFR

5000 Cirrus Drive
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPR185E
Engine Log Entry N3574X

Date: 5-26-2020
Total Time: 3161.3
Tach Time: 3161.3
Hobbs: 2915.2

Engine
TT: 3161.3
TSO: 1103.9

- 1) Accomplished 50 Hr. /100 Hr. inspection this date.
- 2) Performed compression test, results as follows: 1) 78, 2) 79, 3) 79, 4) 72, 5) 72, 6) 72. (Ref engine log entry dated 5-7-2020).
- 3) Removed oil filter, cut open and inspected. No discrepancies were noted. Replaced oil filter with new (1ea CH48103-1 Filter). (Ref engine log entry dated 5-7-2020).
- 4) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 5) Resecured 1ea crank case tie bolt as required. Leak check good at this time.
- 6) Removed and replaced ignition harness with new (1ea M2919 Harness).
- 7) Removed and replaced fuel pump with new (1ea LW-15472 Pump, S/N 0820L0029).
- 8) Engine was washed down, run and checked. All operations normal and no leaks noted at this time.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 35073.

Gary Hudnall
Digitally signed by Gary Hudnall
DN: cn=Gary Hudnall, o=Jet Center MFR,
ou, email=gary@jetcentermfr.com, c=US
Date: 2020.05.27 10:30:11 -0700

Gary N. Hudnall

