

Book #1
old

ENGINE LOG



AVCO LYCOMING WILLIAMSPORT DIVISION
AVCO CORPORATION
WILLIAMSPORT, PENNSYLVANIA 17701

ENGINE SERIAL NUMBER

L-31073-364

DAY MO. YR

20 12 85

IN SERVICE DATE

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

ENGINE LOG

PIPER AIRCRAFT CORPORATION

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

Part No. 230 716

ENGINE DESCRIPTION

Manufacturer: LYCOMING - WILLIAMSPORT, PENNA. Serial No. L-31073-36A
Model: O-360-A4m Horsepower: 180
FAA T. C. No. E286

NOTICE

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

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/11/85	Brought Forward →	31.0	Changed oil and filter.	
Serviced engine with Aeroshell 100W				
Joseph L. Richardson				
RP2165492				
AIRCRAFT SERVICE CO. 16644 ROSCOE BLVD. VAN NUYS, CA. 91406				
1/3/86	TACH: 51.5	SERVICED	WITH NEW FILTER AND 8 QTS	
AEROSHELLAD80 OIL REF W/O 9901				
PROGRESSIVE AVIATION LTD				
Date	Tach	W.O.	A	hr. inspection completed this date
1/3/86	51.5	9901	50	
Total To				
Carry Forward				
All items airworthy PROGRESSIVE AVIATION LTD. San Jose, Calif. <i>Don Buller</i> A&P 534725386 (901458) PROGRESSIVE AVIATION RS4704 W.O. 9904.				

and Remarks	Signature	Certificate No.
3/6/86 TACH 103.8 PERFORMED 100 HOURS 14W PIPER SERVICE MANUAL. COMP. #1 - $\frac{73}{80}$, #2 - $\frac{74}{80}$, #3 - $\frac{74}{80}$, #4 - $\frac{73}{80}$. PARTICLE INSP. OF OIL FILTER OK. SERVICED WITH NEW FILTER AND 8 QTS AROSHELL AD80 OIL.		
Date Tach W.O. # <u>3/6/86</u> <u>103.8</u> <u>9904</u>	I, <u>John R. Khan</u> hr. inspection completed this date. All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. <u>A&P 554725386</u>	
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE A <u>100hr</u> INSPECTION COMPLETED DATE <u>3-6-86</u> TACH <u>103.8</u> PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>9904</u> PIPER AIRCRAFT CO. APPROVED SERVICE CENTER		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
3/18/86	109.1 TACH	REPLACED RT MAGNETO WITH NEW SLICK MAG.	MODEL 4250,	
	7/16 LW 15636	7/16 304001 OPS CR 6000	APR 3124/1425	
	SERVICED WITH NEW FILTER AND 8 QTS W80 AEROSHELL OIL			
	PARTICLE INSP OF FILTER SATISFACTORY			
Date	Tach	W.O.	A	hr. inspection completed this date.
4/25/86	177.1	9973	PROGRESSIVE AVIATION LTD.	
			San Jose, Calif.	53472558
5/21/86	PERFORMED	100 HR INSP	IAW SERVICE MANUAL.	
	COMP: #1 - 75/80, #2 - 72/80, #3 - 74/80, #4 - 76/80.	PARTICLE INSP		
	FILTER - SAT.	SERVICE WITH NEW FILTER AND		
Total To Carry Forward		8 QTS AEROSHELL W80; 40 WT OIL		

and Remarks					Signature	Certificate No.
Date	Tach	W.O.	A	hr. inspection completed this date.		
5/21/86	217.0	9973	PROGRESSIVE AVIATION LTD.			
			San Jose, Calif.			534725586
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE						
ANNUAL INSPECTION COMPLETED DATE 5-21-86						
PROGRESSIVE AVIATION LTD, FAA REPAIR STA. 4709, FOR W.O.						
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER						
8-8-86 Performed 100 Hr inspection IAW. Pipe Inspection Report.						
Drained oil - removed filter - checked nothing found. Added 8 qts Aero Shell 100 W.						
Replaced Air filter (W AD 8426-02 not due # 974. Cleaned, gapped, checked all plugs OK.						
Wash engine and cooling - Test Run on beds found. - good						
Date	Tach	W.O.	A	hr. inspection completed this date.		
8-8-86	146.1	10100	PROGRESSIVE AVIATION LTD.			
	373.9		San Jose, Calif.			1859756

Continued on Next Page.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE <u>[Signature]</u> <u>A 100 hr.</u> inspection completed this date <u>8-8-86</u> . Tach <u>374</u> . PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10100</u> PIPER AIRCRAFT CO. APPROVED SERVICE CENTER		
9/2/86	SERVICED WITH NEW FILTER AND 8 QTS WIND AEROSHELL OIL			
	PARTICLE INSP	OLD FILTER - SATIS.		
Date	Tach	W.O.	A <u>50</u> hr. inspection completed this date. All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. <u>[Signature]</u> A&P <u>554715586</u>	
9/4/86	199.3	10100		
	Tach 269.8			
10-17-86			Performed a 100 hr. insp I-A-W Piper Service Manual. Serviced with 8 qts Aeroshell 80 oil & new filter S. Reed 517748119	
Total To Carry Forward				

and Remarks				Signature	Certificate No.
Date	Tach	W.O.	A	hr. inspection completed this date.	
10-17-86	Tach 269.8	10209	100	All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. <u>517748119</u> A&P <u>554715586</u>	
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE					
A	100 hr.	INSPECTION COMPLETED DATE	10-17-86	Tach 496	
PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10209</u>					
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER					
11-12-86	Tach 321.5			performed 50 hr insp. I-A-W Piper Archer insp form (230-1039). Drained oil - opened filter nothing found. Replaced CH48103 + 8 QTS 100W. Replaced exhaust gaskets (75118) on cylinders 2 & 4 installed new hardware torqued to 190 IN/LBS. op checked fine no leaks found.	
Date	Tach	W.O.	A	50	hr. inspection completed this date.
11-12-86	321.5	10250			All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. <u>517748119</u> A&P <u>554715586</u>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-18-86	Brought Forward →	Tac Reads 379.5	606.5	Performed 100 Hour inspection
		IAW Piper Inspection Report (230-1039). Drained oil & removed filter - checked nothing found. Added 9 Qts AeroShell 80W and new filter.		
Comp #1 7 7/8 #2 27 1/8 #3 3 7/8 #4 7 5/8		Replaced all plugs RFM-40F. Replaced Rear-Blade- Oil Seal- Bearing Adjusted		
		Tight Wags per Sisk 5/61. C/W A/D 84-26-02 Air filter changed. P/W 5/13 301A		
		400 Valve adjustment inspection OK. Washed down engine and cowling		
		Test ran - OK - Checked for leaks none found. end -		
Date	Tach	W.O.	A	hr. inspection completed this date.
12-18-86	379.5	10250	100	All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. Richard B. Wills A&P 1859756
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE				
A 100 hr. INSPECTION COMPLETED DATE 12-18-86, TACH 379, T.T. 606.				
PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. 10250				
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER				
Total To Carry Forward				

and Remarks				Signature	Certificate No.
2-23-87 Tach 448.7 performed 50hr insp IAW paper books insp. form. Drained oil, opened filter - nothing wrong found. Replaced CH40 103 + 8 QTS 80W oil. Engine op checked fine found no leaks.					
Date	Tach	W.O.	A	SO	hr. inspection completed this date.
2-23-87	448.7	10292	50		All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. Gary J. Montoya A&P 557155349
4-1-87 Performed 100 Hour inspection IAW Piper Inspection Report (230-1039)					
Drained oil - removed filter checked nothing found. Added 9 Qts AeroShell 80W. (Drained gas) Tested all plugs OK. Gm #1 6 1/8 #2 4 1/4 #3 6 1/8 #4 7 1/8. Checked eng - Test Ran checked for leaks none found.					
Date	Tach	W.O.	A	100	hr. inspection completed this date.
4-1-87	708.7	10356	100		All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. Richard B. Wills A&P 1859756

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ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE <u>[Signature]</u>		
		ANNUAL INSPECTION COMPLETED DATE <u>4-1-87</u> , TACH <u>481</u> , T.T. <u>768</u> .		
		PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10356</u>		
		PIPER AIRCRAFT CO. APPROVED SERVICE CENTER		
<u>4/30/87</u>	535.8 TACH	762.1 TOTAL		
	PERFORMED 50 HR INSPECTION PER PIPER INSPECTION REPORT			
	CHANGED OIL & FILTER, SERVICED WITH 8 QTS DENSOVER 100/50W			
	& NEW CH48103 FILTER, CHECKED FILTER FOR PARTICLES, NONE			
	FOUND, CHECKED SCREENS, OK. WASHED ENG & COOL. OPN &			
	LEAK OK OK.			
	W.F.A. Tach	W.O.	A <u>50</u> hr. inspection completed this date.	
Total To Carry Forward	<u>4/30/87</u> <u>535.8</u>	<u>762.1</u>	All items airworthy. PROGRESSIVE AVIATION LTD. <u>[Signature]</u>	<u>2081393</u>
		<u>10386</u>	San Jose, Calif.	
	T.T. <u>762</u>			

and Remarks	Signature	Certificate No.
5-22-87 Tach 597.1 performed 100 hr insp I.A.W Piper Archer insp form. Drained oil, opened filter - nothing found wrong. Replaced ch 48103 + 8 QTS 100W. Removed, cleaned, inspected, gapped, and reset plugs. Removed maps set internally internal timing inspected points etc. Compression: 1 $\frac{67}{80}$ 3 $\frac{65}{80}$ 2 $\frac{71}{80}$ 4 $\frac{71}{80}$. Cleaned all fuel screens etc. Dressed nick out of prop. op checked fire - no leaks found - solvented & couled.		
Date Tach W.O. A <u>100</u> hr. inspection completed this date. All items airworthy. PROGRESSIVE AVIATION LTD. <u>5-22-87</u> <u>597.1</u> <u>10386</u> San Jose, Calif. <u>G. Montoya</u> A&P <u>559155549</u>		
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE <u>[Signature]</u> A <u>100 hr</u> INSPECTION COMPLETED DATE <u>5-22-87</u> , TACH <u>597</u> , T.T. <u>824</u> . PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10386</u> PIPER AIRCRAFT CO. APPROVED SERVICE CENTER		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-19-87	Brought Forward →	675-6 TACH, T.T. 902'		
		CHANGED OIL & FILTER, SERVICED WITH		
		8QTS AEROSHELL 100/80 OIL & NEW CH48103		
		FILTER, WASHED ENG & COOLING. NO LEAKS		
		NOTED. WOT# 10420		
			for C. G. Am	
			REP 208/393	
			PROGRESSIVE AVIATION LTD	
7-9-87	Tach 721.7	performed 100 hr insp I.A.W PIPER Aches		
		mag form. Drained oil, opened filter, checked screens - nothing		
		found. Removed, cleaned, inspected, tested, and gapped plugs -		
		sp check good. Replaced points # M3081 ins left mag.		
Total To Carry Forward				Set internal timing of both mags

and Remarks		Signature	Certificate No.
plus engine to mag timing. Washed & cooled engine.			
up check fine no leaks found.			
Date	Tach	W.O.	A 160 hr. inspection completed this date.
7-9-87	721.7	10420	All items airworthy. PROGRESSIVE AVIATION LTD.
			San Jose, Calif. J. M. Ortega AWP559155349
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE			
A/C # 1004			INSPECTION COMPLETED DATE 7-9-87, TACH 721, T.T. 948.
PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O.			10420
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER			
7-27-87	795.9	TACH	PERFORMED 50 HR INSP IAW PIPER SERVICE
MANUAL. CHANGED OIL & FILTER - SERVICED 8QTS W100 AEROSHELL			
Date	Tach	W.O.	A 50 hr. inspection completed this date.
7-27-87	795.9	10468	All items airworthy. PROGRESSIVE AVIATION LTD.
	T.T. 1023.		San Jose, Calif. Howard K. Clark AWP 312461426

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
8-19-87	1082.2 TOTAL TIME. 853.7 TACH			PERFORMED 100 HR INSP IAW PIPER SERVICE MANUAL. CHANGED OIL & FILTER SERVICED 8QT W/100 AEROSHELL OIL. REPLACED DISTRIBUTOR BLOCK & ROTOR IN RT. MAG.
	Date Tach W.O. A			100 hr. inspection completed this date.
	8-19-87 853.7 1082.2 10489			ALL ITEMS AIRWORTHY. PROGRESSIVE AVIATION LTD. San Jose, Calif. <i>Thomas L. Con</i> A&P 312461425
	I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE			<i>[Signature]</i>
	A <u>100 hr</u> INSPECTION COMPLETED DATE <u>8-19-87</u> , TACH <u>853.7</u> , <u>7-7-1082</u> .			
	PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10489</u>			
	PIPER AIRCRAFT CO, APPROVED SERVICE CENTER			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
9-22-87 939.5 TACH 1167. TOTAL TIME. PERFORMED A 50 HR INSP. IAW PIPER SERVICE MANUAL. CHANGED OIL & FILTER SERVICED 8QTS W/100 AEROSHELL OIL.		
Date Tach W.O. A 50 hr. inspection completed this date.		
9-22-87 939.5 1167 10489		
ALL ITEMS AIRWORTHY. PROGRESSIVE AVIATION LTD. San Jose, Calif. <i>Thomas L. Con</i> A&P 312461425		
<i>[Large Signature]</i>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/7/87	Brought Forward →	765.1 TACH 1193.6 TOTAL TIME.		
		PERFORMED INSPECTION PER PIPER INSPECTION REPORT (230-1039) CHANGED OIL & FILTER		
		INSPECTED OLD FILTER, NO METAL FOUND.		
		SERVICED WITH 9975 100/50 OIL & NEW CH48103 FILTER RETIMED MAGNETOS, REPLACED CONDENSER 4H MAG.		
Date	Tach	W.O.	T	hr.
10/7/87	965.1	10529	100	hr.
inspection completed this date.				
All items airworthy. PROGRESSIVE AVIATION LTD.				
San Jose, Calif. J. D. Davis 2081393				
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE J. D. Davis				
Total To Carry Forward	A 100hr inspection completed date 10-7-87, TACH 965, T.T. 1192.			
PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. 10529				
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER				

and Remarks	Signature	Certificate No.
10-19-87 Tac Reads 995 installed new plugs REM-40E. Chond wire test ran OK. Richard R. Wells 13P. 1859256		
11-5-87 1023.3 TACH & TOTAL TIME.		
PERFORMED 50 HR INSPECTION PER PIPER ENSP. REPORT 230-1039. CHANGED OIL & FILTER, PERFORMED PARTICLE INSP. OF OLD FILTER, NO METAL FOUND. SERVICED WITH 8975 100/50 OIL & NEW CH48103 FILTER.		
Date	Tach	W.O.
11-5-87	1023.3	10540
inspection completed this date.		
All items airworthy. PROGRESSIVE AVIATION LTD.		
San Jose, Calif. J. D. Davis 2081393		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-4-87	Brought Forward →	Performed 100 hr. inspection	IAW Piper inspection report	
	(230-1039)	Drained oil - removed filter - checked nothing found - Added 9 qts new Shell 80W. Installed new CH48/03 Filter. Washed engine and cond. test ran. Checked for leaks none found.		
Date	Tach	W.O.	A	hr. inspection completed this date.
12-4-87	1080	10540	100	12-4-87
All items airworthy. PROGRESSIVE AVIATION LTD. San Jose, Calif. <u>Hopaul H. Wall</u> A&P 1859786				
I CERTIFY THIS AIRCRAFT IS O.K. FOR RETURN TO SERVICE - <u>[Signature]</u>				
A <u>100 hr.</u> INSPECTION COMPLETED DATE <u>12-4-87</u> . TACH <u>1080</u> , T.O. <u>1307</u> . PROGRESSIVE AVIATION LTD, FAA REPAIR STA, 4709, FOR W.O. <u>10540</u>				
PIPER AIRCRAFT CO. APPROVED SERVICE CENTER				
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
7-29-91	Eng.			
T-1128	has been inspected in accordance with 100 hr. inspection and was determined to be in an airworthy condition by [Signature]	re-timed left mag, comp. dr. rep		
	A & P No. 523980082	LW-16702 added.		
7/29/91	Eng.			
TTSN 1128	has been inspected in accordance with ANNUAL inspection and was determined to be in an airworthy condition by [Signature]			
	A & P No. 1A53090824			
	AIS Hrs.			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
4-28-92 TACH: 1184 T.T. 1411.8		
THIS ENGINE HAS BEEN INSPECTED IAW AS SOAK INSPECTION PER PIPER INSTRUCTIONS & WAS FOUND TO BE IN AIRWORTHY CONDITION. CHANGED OIL & FILTER.		
MFG. PIPER MODEL PA-28-181 PART NAME [Signature] SERIAL # 25017		
The unit identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of repair are on file at this repair station under WORK ORDER # 6614		
DATE 4-28-92 SIGNATURE [Signature]		
Channel Islands Aviation, Inc. FAA Approved Repair Station #DDER146D Camarillo Airport, Camarillo, California		
SEE ENTRY IN LOG BOOK #2		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →			Tach: <u>1229</u> Total: <u>1457.5</u>	
			I Certify that this ENGINE has been inspected in accordance with A <u>ANNUAL</u> inspection and was determined to be Airworthy this date <u>7-13-92</u> and is approved for return to service. Pertinent details of repair are on file at this repair station under work order # <u>6692</u> .	
			Date: <u>7-13-92</u> Signature: <u>[Signature]</u>	
			Channel Islands Aviation, Inc. FAA Approved Repair Station #DDER146D. 305 Durley Avenue Camarillo, California 93010	
			COMPRESSION TEST: #1) 74/80 #2) 78/80 #3) 77/80 #4) 76/80	
			CHANGED OIL & CHANGED OIL FILTER RAN-UP	
			FOUND NO LEAKS.	
			SEE ENTRY IN LOG BOOK #2	
Total To Carry Forward				

AMR COMBS 
[901] 345-4700

N25017
engtt: 2380.9
Tso: 1024.9

Complied with a 100hr inspection in accordance with guide. Changed oil and filter, no metal found in old filter. Serviced engine to specs with AS15W50. Performed compression test as follows: #1-76 #2-76 #3-75 #4-76. Installed a new Slick magneto pn# 4370 sn# 97090526 on right side and timed to engine. Complied with 400hr valve inspection and no abnormalities noted. Performed post inspection engine run and no leaks noted. Systems ops checked good.

Inspection Release

The engine identified above has been inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. W/O. # 9709064 Hr. Meter: 2152.9 Date: 10/3/97
Signed: [Signature] AP 426254873IA
AMR Combs Memphis, Inc. Repair Station # FKWR938D