

AVCO LYCOMING

ENGINE LOG

SUPERSEDED

 **AVCO** LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP1872

Evil

AVCO LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming JO-360 A1B6D L-22309-51A
MAKE MODEL SERIAL
FROM October 27 19 80 TO JUNE 16 19 90
DETAILING TIME FROM - 0 - TO 1954, 6
HOURS HOURS

SSP 1872

June 1972

ALM

NEW ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Agency Regulations. No further run-in after installation is required.

Model IO-360-A1B6D Serial No. L-22309-51A
October 27 19 80

Manufactured as new on _____

Authorized representative _____

P. L. Stryker
AVCO Lycoming Factory Service Department

AVCO LYCOMING WILLIAMSPORT DIVISION
AVCO CORPORATION

WILLIAMSPORT, PENNSYLVANIA 17701

Form No. 777-A

ENGINE DESCRIPTION

Mfgr. AVCO LYCOMING DIVISION	Place	WILLIAMSPORT, PA. 17701	Date	10/27/80
Type	Model	IO-360-A1B6D	Serial No.	622309-51A
Rated H.P.	Max.H.P.		Weight (Dry)	
Rated R.P.M.	Max. R.P.M.		Oil Pressure	
Bore	Stroke		Displacement	Cu. In.
Compression Ratio	Supercharger Ratio			
Reduction Gear Ratio				
Propeller <i>McCawley</i>	Hub Design	B2D34C207	Hub Serial No.	804667
Blade Design	Blade Serial No.	78TCA0	Blade Serial No.	
Max. Hub H.P.	Max. Blade H.P.			
Pitch	Diameter		Length	
Name				
Address				

ENGINE LOG SERIAL No.

**LICENSE
NUMBER**

SIGNATURE

DATE

TIME

Hrs. | Min. |

REPAIRS - ADJUSTMENTS - SERVICE - REMARKS

3/4/81 Tach Reads 886.9 hr ETT-0. Engine installed
in Cessna 177 R.G. Serial 0873 Reg. 7582V This date
along with McCauley B2D34C207/78 TCA-0 Hub Serial
804667 of new manufacture. All work done in
accordance with applicable service manuals. I certify
that this engine has been inspected in accordance
with an annual inspection and was determined
to be in airworthy condition. Stephen K Demarest
A&P 2077558 IA

Page Total

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			

March 12, 1982 Tach 1008.7 TTE 121.8 hrs - Engine
 oil changed Serviced 8 QT 20W50 Phillips x/C.
 Filter checked for contamination none found serviced
 OF11A filter. Compressions checked results as follows
 #1 76/80 #2 75/80 #3 75/80 #4 79/80 cold. Replaced
 all exhaust gaskets 65321. I certify that this engine
 has been inspected in accordance with an
 annual inspection and was determined to be in
 airworthy condition. Stephen K. Demarest
AP2027558IA

			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

586-7

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG

SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			DATE <u>3/11/83</u> T.T. IN SERVICE <u>1145.9</u> <u>End.</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 AIRWORTHY CONDITION. <u>A.D. Conformity Check Through 83-03</u> DATE <u>3/11/83</u> T.T. IN SERVICE <u>1145.9</u> <u>End.</u> COMPRESSION CHECK: CYL. 1 <u>71/80</u> CYL. 3 <u>62/80</u> CYL. 5 <u>Q</u> CYL. 2 <u>62/80</u> CYL. 4 <u>71/80</u> CYL. 6 <u>Q</u> <u>John Murphy</u> (A+D) <u>156523327</u>		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

DATE

JAN 8

Tach 1

ENGINE LOG SERIAL No. _____

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Jan 25-85			Disassembled engine because of sudden stoppage.		
tach 1314 to 9			Steel parts magnafluxed all parts OK. Assembled engine with new Main & Rod bearings, rod bolts & nuts, Major gasket set, & ring set. All work done by Precision Engine Overhaul Inc		
			425 Beaver Brook Rd		
			Lincoln Park NJ 07035		
			201-694-9575		
			William H Scott Jr. pres		
			P 084 50 79114		
Complete parts installed list last page of this log.					
			Page Total		
			Brought Forward		
			Total to Date		

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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
85					
10/16/85			Install Engine after <u>Tear Down Inspection</u> using Cessna		
Tach 1314			Service Manuals Install New Propeller Model # B2D34C907/78		
			Ser # 842420 (Zero Time) Install New HSR-86 Sparkplugs		
			4 Overhauled Injectors New S1951-5 Driven Valve Muffler		
			P/N 2054000-38 Check all Controls For Freedom of Movement		
			and proper tension Install 8 qts Phillips 20-50M Test		
			Run Ok. I Certify this Aircraft Engine has Been		
			inspected in accordance with An Annual Inspection		
			and was Determined to be in Airworthy Condition		
			<i>Raymond Q</i> A156542910		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/14/86			Change Engine Oil check Filter for Metal Install Tach 1364.8 AF 1A Filter and 8 qts Phillips 20-50XC Engine Oil Clean Engine. Rayner [Signature] 1A156547910		
1/16/87			Change Engine Oil check Filter for Metal Install Tach 1404.4 New Filter and 8 qts Phillips 20-50XC Clean Engine Rayner [Signature] 1A156547910		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG SERIAL No.

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
11/24/87			Change Engine Oil check Filter for Metal Install New		
Tach 1475.5			OF11A Filter install 15-50 Aeroshell Oil		
1/4/88			Check Charging System as Per Cessna Service		
Tach 1479.4			Manuals Install Airborne 315 ALTERNATOR system		
			Test OK Roger L. [Signature] 1A156547910		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3/9/88			Perform Annual Inspection using Cessna Service		
Tach 12485.2			Manuals Check Compression #1 1 7/80 #2 2 2/80 #3 2 7/80		
			#4 2 2/80 Clean gaps and test all Sparkplugs Check		
			Magneto Timing Change Engine Oil Check Filter for		
			Metal Install New Oil Filter and 8 qts AeroShell		
			15-50 AD Oil Check Intake and Exhaust Systems for		
			Leaks Install New EGT Gauge A/C on 46150 Dress		
			and Paint Propeller / Certify this Aircraft Engine		
			has been inspected in accordance with an Annual Inspection		
			and was determined to be in Airworthy Condition. Ryan [Signature]		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No.

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ENGINE LOG

SERIAL No. _____

LICENSE
NUMBER

SIGNATURE

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS
	Hrs.	Min.	
4/6/89			Perform Annual inspection using Cassin Service
10ch	1566	9	Manuals Check Compression #1 70/80 #2 70/80 #3 70/80
			#4 69/80 Clear gaps and test spark plugs installed
			1 HSR-86 check Magneto timing change
			Engine Oil check Filter for Metal Install OPIIC Filter
			and 8 qts 15W50 Aeroshell Oil Check Intake and
			Exhaust Systems for leaks Dress and Paint Propeller
			1 Certify this Aircraft Engine has been inspected
			in accordance with an Annual Inspection and
			Returned to Service in Airworthy Condition. <i>[Signature]</i>
			Page Total
			Brought Forward
			Total to Date

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and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12/20/89			Change Engine Oil check Filter & Metal		
Tach 1622.2			Install New CF-11A Filter and 89 to Roschell 15W-50		
			Engine Oil Change and check for leaks.		
			Rogers R. L. # 1A156547910		
2/13/90			Install New Vacuum pump install Airborne		
Tach 1625.5			211CC Pump S/N 11AE 009316 and New Filter		
			Rogers R. L. # 1A156547910		

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

DATE

5/9/90

Tach 1

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/9/90			Perform Annual Inspection using Casson Service		
Tach 1638.0			Manuals check Compression #1 $1\frac{1}{8}$ #2 $2\frac{1}{8}$ #3 $3\frac{1}{8}$		
			#4 $7\frac{1}{8}$ Clean up and test all Sparkplugs check		
			Magneto Timing change Engine Oil Check Filter for		
			Metals Install New OE118 and 84 to Anacard 15W 50 oil		
			Check Prop Governor Line as per 90-04-06 Install New		
			EW-1290 with New Clamps and 75165 Clip Install New		
			Crankshaft Seal EW-11997 Install New Engine Mounts		
			J9613-59 Install Cam 602-4 as per instructions		
			Check Intake and Exhaust Systems for leaks →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
5/9/90			Install New Air Filter C294510-0601 Install New A/T Belt S1597-1-375 Run Install Propeller Dress and Paint Blades / Certify this Aircraft Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition. Ray R. H. 1A1565479/0		
1/28/91			Check Charging System Remove A/T for Repair Install Overhauled A/T System check Good Install New Motor cable P/N C299507-0102 Ray R. H. 1A1565479/0		
			Page Total		
			Brought Forward		
			Total to Date		

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ENGINE LOG SERIAL No.

SERIAL No.

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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6/24/91			Perform Annual Inspection using Cessna		
Tach 1096	8		Service Manuals Check Compression #1 75/80 #2 77/80 #3 74/80 #4 77/80 Clean and gaps Sprayblows check Magnet timing Change Engine Oil Check Filter for Metal Install New CRO-100 and Sgts Roswell SW50 check Intake and Exhaust Systems for Leaks Comply with SB 91-5 1993 Switch Lube and Drive Installation Dress and Paint Propeller Clean Engine / Certify this Aircraft Engine has Been inspected in accordance with An Annual inspection and was determined to be in Airworthy Condition		
			Page Total		
			Brought Forward		
			Total to Date		

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of a Certificated Mechanic, and his Rating
and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6/24/92			Perform Annual Inspection using Casner Service Manual Check Compression #1 $75/80$ #2 $77/80$ #3 $25/80$ #4 $76/80$ Clean and grease all Sparkplugs. Check Magneto timing change Bryan Oil check Filter for Metal install CROVO and Sata Acupshell 15W.50 Check Intake and Exhaust Systems for leaks check all Controls, Pressure and Permit Propeller Open Engine I Certify this Aircraft Engine has been inspected in accordance with An. Annual Inspection and was determined to be in Airworthy Condition		
			Page Total		
			Brought Forward		
			Total to Date		

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

DATE
8-11-92
T.T. E
T.T. PR
Wo
No.

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8-11-93	1760.1		OIL AND FILTER CHANGED, SERVICED WITH 8QTS 15W-50 AD Aeroshell,		
T.T. ENG.	873.2		REINSTALLED AND TIMED MAGNETO AFTER COMPLIANCE OF AD 78-07-07A3,		
T.T. PROP	446.1		SEE MAINT RELEASE IN AIRCRAFT RECORDS, NEXT DUE @ 2260.1. ENGINE		
Work Order			was done and run-up. LEAK CHECKED O.K. c/w AD 93-02-05 BY REPLACING		
No. 10828			ALL LINGS + CLAMPS, NEXT DUE @ 1860.1 or 8/94.		
			I certify that this ENGINE + PROPELLOR has been inspected		
			In accordance with a 100 hour inspection and		
			was determined to be in airworthy condition.		
			Date 8-11-93 Tach Reads 1760.1 Total Hrs. 873.2		
			Mech. <u>John Varch Vark</u> Lic. <u>APP 141640228</u>		
			SYREK-MEE AVIATION, INC.		

ENGINE COMPRESSION CHECK						
CYLINDER NO.						
80	80	80	80	80	80	80
72	73	74	68			
1	2	3	4	5	6	

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE 1994	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
9-2	18	12.8	ANNUAL INSPECTION Completed this date - Drained oil - Checked filter & screen - No metal found - installed new oil filter - CLEANED - ckd & crapped all spark plugs - Adjusted gear warning horn on throttle shaft - Had #4 exn stick welded - C/w AD 93-02-05 INJ lines No defects noted @ this time - Next due @ 1912.8 or 9/95		
Work Order No. 11542					
I certify that this ENGINE/propeller has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition.					
Date	9-2-94		Tach Reads	1812.8	Total Hrs
Mech.	[Signature]		Lic.	2A 142507110	
SYREK-MEE AVIATION, INC					
Page Total					
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Total to Date					

ENGINE COMPRESSION CHECK

CYLINDER NO.

80	80	80	80	80	80
74	70	76	77	X	X
1	2	3	4	5	6

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

ENGINE LOG SERIAL No. _____

DATE 1995	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
10-25	1838.5		Drained oil - checked filter & screen - NO metal found - installed new oil filter - CLEANED, checked & capped all spark plugs - Replaced #4 exh stack - Replaced all fuel & oil hoses with new ones - C/w AD 93-02-05 Fueling lines no defects noted @ this time next due @ 10-96 or 1938.5 - Serviced eng with 8qts Aeroshell 15/50 w oil - washed eng - Run up & leak check of Engine that this engine/propeller has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Date <u>10-25-95</u> Tech Grade <u>1838.5</u> Total Hrs <u>1838.5</u> Mech. <u>[Signature]</u> Lic. <u>EA14250710</u>		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE COMPRESSION CHECK					
CYLINDER NO.					
60	80	80	80	80	80
10	72	72	70	X	F

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
11/21/96	1873.	9	Changed oil + filter, serviced engine with 80TS of Aeroshell 15W50 AD. Cleaned gapped and rotated spark plugs. Tightened and resaffied mixture rod end bolt. Washed engine, Ran-up, operational check and leak Check ok.		

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

Date 11/21/96 Tach Reads 1873.9 Total Hrs 1873.9
 Mech Newton D. Van Lic. 141729394 AD
SYREK-MEE AVIATION, INC.

ENGINE COMPRESSION CYLINDER NO.

80	80	80	80
73	74	70	74
1	2	3	4

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

Work Order
 No. 12935

ENGINE LOG SERIAL No.

[illegible]

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12-4-97	19	15.6	Changed oil & filter, serviced engine with 8QTS of Aenzell 15W50AD. Cleaned gapped and rotated spark plugs. C/W AD9300-00 fuel injector lines by insp. next insp due At tach 2015.6 or when ever lines are Removed. C/W S.B. 388B and found all cylinders satisfactory. next insp due at tach 2315.6. Washed engine, ran-up operational check and leak check ok.		
Work Order No. 13454					

ENGINE COMPRESSION CHECK					
CYLINDER NO.					
80	80	80	80	80	80
71	76	71	71	71	71
1	2	3	4	5	6
Brought Forward					
Total to Date					

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

Date 12-4-97 Tach Reads 1915.6 Total Hrs. 1915.6

Mech. Chris N Lic. 141729394 LA

SYREK-MEE AVIATION, INC.

All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.

DATE 6-16-98

Service Bulletins, Letters, Instructions & A D Notes

6-16-98 Tach: 1954.6

Changed oil + filter, serviced engine with 8 qts of
Aeroshell 15W50 AD, washed engine pan - oil, leak check ok.

Mech. Christopher Lic.: 141729394 AR

Work Order No. 13727
SYREK-MEE AVIATION, INC.

SUPERSEDED

END

SBB
AD LOG



