

LOG # 1  
AVCO LYCOMING

ENGINE LOG

 **AVCO** LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP 1872

**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 10-360-A1B6D Serial No. L-22439-51A  
 Manufactured as new on January 16 19 81  
 Authorized representative P. L. Steyer  
 AVCO Lycoming Factory Service Department

AVCO LYCOMING WILLIAMSPORT DIVISION  
 AVCO CORPORATION  
 WILLIAMSPORT, PENNSYLVANIA 17701

Form No. 777-A

**ENGINE DESCRIPTION**

Mfgr. <u>AVCO</u> LYCOMING DIVISION Place <u>WILLIAMSPORT, PA 17701</u>	Date <u>4/24/81</u>
Type	Model <u>IO-360 A1B6D</u> Serial No. <u>L 22439-51A</u>
Rated H.P. <u>200</u>	Max. H.P.
Rated R.P.M. <u>2700</u>	Max. R.P.M.
Bore <u>5.125</u>	Stroke <u>4.375</u>
Compression Ratio <u>8.7:1</u>	Supercharger Ratio
Reduction Gear Ratio	
Propeller <u>BULLAULEY B2034C207</u> Hub Design	Hub Serial No. <u>778218</u>
Blade Design <u>74TC1A-0</u> Blade Serial No. <u>1-K46913</u>	Blade Serial No. <u>26108580</u>
Max. Hub H.P.	Max. Blade H.P.
Pitch	Diameter
Name	Length
Address	







# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
July 19 - 1952			TACH Time 2421.4 Hrs INSTALLED NEW C161031-0106 Prop. Governor Per CESSNA SERVICE MANUAL. Per <i>[Signature]</i> (C# 117-37)		

PORTER AIR SERVICE INC.  
 WALDEN ROAD, HANCOCK AIRPORT  
 SYRACUSE, N. Y. 13211

	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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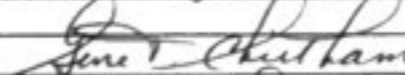
# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8/19/53			ANNUAL Insp. completion date. See n/a # C924 on file. This station also inst. repaired by (L. J. Van der Meer) due to loss of Eng. oil. Insp. previously carried at 2012 Hrs. Re-used own magnets, fuel pump & fuel controller. New oil pump installed. Prop. & prop. flange & bush checked by <i>[Signature]</i> . Prop. & main magnet inst. P.O. # 23-20-1 (Basic engine overhaul) & 1st on over 200 Hrs. 11-12-53 (Basic mag over) C/P by installing laser walled gear kit) 75-9-7/53 (Basic engine overhaul done at 500 Hrs. 25'2 3/4. Tach time 2421.4 Hrs. This date.		

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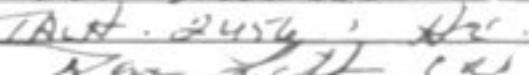
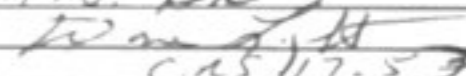
PORTER AIR SERVICE INC.  
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 SYRACUSE, N. Y. 13211

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8/31/83			Took time reads 2141.1 this date. Changed oil & filter for contamination check, none noted. Serviced eng with 8 qts. Amsoil 80 (40w) mineral oil. Ground run for leak check was good.	 Gene T. Chatham	
				CES 117-37 Syn. Cyclor Service	

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Oct. 6-1983			CHANGED OIL + FILTER, SERVICED WITH 4 QTS. MOBIL-DOT. MOBIL OIL. TALK. 2456, HR.	 Gene T. Chatham	
				CES 117-53	
Nov. 27, 1983			CHANGED OIL + FILTER, SERVICED WITH 2 QTS. MOB. DOT. MOBIL OIL. TALK. 2496, HR.	 Gene T. Chatham	
				CES 117-53	

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2-10-84			CHANGED OIL + FILTER SERVICED WITH 65V MINERAL, AUTOSTEEL TAC # 2514.	Don Light	ATP 19741025
7-14-84	TAC		2559.6 hrs. OIL CHANGED - NEW FILTER. TIXACO #50 STRAIGHT MINERAL ADDED.	John D. Marshall	CIS 1070

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
Sept 12-1984			DOWNED OIL + CHANGED FILTER CHECK MAGNETS FOR AD 75-29-00 CT. LUBRICATED WITH NEW AD PENOSKEL. CLOSED TAPCOSS AND TIGHTENED. I WANT TO SAY THAT THE <del>ENGINE</del> WAS DEFECTED IN PENNSYLVANIA WITH AN ANNUAL INSPECTION THIS IS A DISQUALIFYING <del>REASON</del> REASON.		
			TAC # 2514 (4117-53)		

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	LICENSE NUMBER
	Hrs.	Min.		
			Drained oil + changed Filter Served with 65W Aero 3000 cleaned Valve compression - checked all cyl. #1 7/10 #2 7/10 #3 7/10 #4 7/10	I certify that <u>[Signature]</u> Has been inspected in accordance with a _____ inspection and has been determined to be satisfactory. Total Time 8:33 Total Tach 2850 Date of inspection 10/1/47 A.I. notes checked Signature _____ Date 10/1/47
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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
12-21-47			TRUCK 21-22. LUBED OIL Drove since 11-1-47. 10000 miles 2-1/2 light duty work		
12-6-48			DRAINED OIL - CHANGED FILTER (CFC 100) ADDED OILS AIRCRAFT 65W LEAK CHECK ON [Signature] 1-1-49 CRESKY-36		
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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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	I certify that this Engine SIGNATURE _____ LICENSE NUMBER _____
	Hrs.	Min.		
				Has been inspected in accordance with a <u>Manual</u> inspection and has been determined to be airworthy.
			<p>Checked general condition of engine. Compression check all cyls. #1 72 #2 72 #3 74 #4 74</p> <p style="margin-left: 40px;">SV SV SV SV</p>	<p>Total Time <u>8:55</u> S.M.O.N.</p> <p>Total Tach <u>2902</u> h</p>
			<p>Checked Fuel System. Washed down engine. Ground Run O.K.</p>	<p>Date of inspection <u>1-17-87</u></p> <p>AD notes checked <u>8-24-87</u> <small>W-24</small></p> <p>Signature <u>[Signature]</u></p> <p style="text-align: center;">APR 19741025 I.A.</p>
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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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
3/21/90	TACH: 2933		ANNUAL INSPECTION. COMP CHECK #1 74/80 #2 77/80 #3 74/80 #4 73/80		
(WORK ORDER #3434)			<p>CLEANED, GAPPED, TESTED SPARK PLUGS. INSPECTED MAPS &amp; CHECKED MAGTO ENGINE TIMING. CLEANED FUEL SCREENS. CHANGED OIL 8 QTS 40 WT AD MERCSHELL. CHANGED OIL FILTER ELEMENT. CLEANED OIL SCREEN. LUBED ENGINE CONTROLS. LUBED STARTER. LUBED TACH CABLE. CLEANED FUEL INJECTION NOZZLES. REPLACED #4 CYL INTAKE CASSET. PERFORMED NYC 400 HR VALVE CHECK. DRAINED OIL COOLER. CLEANED BOTTOM SPARK PLUG HOLES. DRESSED SAILED &amp; PAINTED FRGF. INSTALLED NUMEROUS TYWRAPS ON FUEL &amp; OIL LINES. CLEANED M.A.F. NOZZLE. TIGHTENED</p>		
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# ENGINE LOG SERIAL No. \_\_\_\_\_

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			DATE <u>8 July 91</u> TACH <u>2956.6</u> TOTAL TIME <u>944.4</u> <i>Since Factory New</i>		
<p>"I certify that this <u>Engine</u> has been inspected in accordance with an <u>Annual</u> inspection and was determined to be in airworthy condition."</p> <p style="text-align: center;"><i>Robert L. Grandinetti</i></p> <p style="text-align: center;">ROBERT L. GRANDINETTI, A &amp; P 55407402 INSPECTION AUTHORIZATION</p>					

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER	
	Hrs.	Min.				
<u>9/11/92</u>			<u>Took Time 2973.5</u> <u>Charged Governor Oil Lines</u> <u>per AD 90-4.6 11.</u> <u>Inspected Fuel Injector</u> <u>lines per hys. 3/B 342.</u> <u>Charged oil &amp; Filter.</u> <u>Serviced with AeroShell</u> <u>80W oil</u>	<u>W. J. [Signature]</u> Sig. No. <u>W. J. [Signature]</u> Cer. # <u>605-13188178</u> Time in Service <u>901.30</u> Hours Date of Inspection <u>9-11-92</u> OPERATIONAL CHECK COMPLETED A-D Notes Checked <u>92-16</u>		

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
1/1/94			Tach Time 8981.4 Installed New Air Filter. Changed Intake gaskets on # 1, 3 & 4 cylinders	<i>[Signature]</i>	
			BARD-AIR CORPORATION 122 GROTON ROAD LAND, NEW YORK 13075 I certify that this aircraft has been inspected in accord- ance with <u>Annual</u> inspection and has been found to be in airworthy condition. Signature: <i>[Signature]</i> Cert. # <u>SES 2614-8174</u> Time in Service: <u>767.2</u> Hours Date of Inspection: <u>1/1/94</u> OPERATIONAL CHECK COMPLETED A.D. No. Checked <u>93-24</u>		
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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
4/8/94			Replaced magnet impulse cam with new P/N 10-400/67-7 and installed new spring. W.R. <u>SES 2614-8174</u>	<i>[Signature]</i>	
7-20-94			Installed Trestline <del>off</del> starter P/N 4222R S/N 2205. <del>See</del> See yellow TPJ <i>[Signature]</i> 1914127	<i>[Signature]</i>	
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.		

N 20509  
 Zennick  
 7-20-94

