


AVCO LYCOMING

ENGINE LOG

 AVCO LYCOMING DIVISION

WILLIAMSPORT, PENNSYLVANIA 17701

SSP1872

ENG-1

AVCO LYCOMING WILLIAMSPORT DIVISION
AVCO CORPORATION
WILLIAMSPORT, PENNSYLVANIA 17701

ENGINE SERIAL NUMBER

RL-18317-51A

IN SERVICE DATE

10-16-78

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

AVCO LYCOMING DIVISION
WILLIAMSPORT, PA. 17701

#2

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF Avco Lycoming 10-360-A1B6D RL-18317-51A
MAKE MODEL SERIAL

FROM Oct 17 1978 TO _____ 19____

0 HOURS - ON ENG

DETAILING TIME FROM 1542.0 fact TO _____
HOURS HOURS

SSP 1872

June 1972

Form No. 776-D

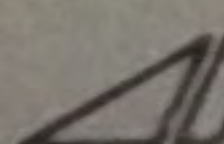
REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been repaired as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

Model IO-360-A1B6D Serial No. RL-18317-51A

Authorized representative *Stuyker* Date 9/5/78

AVCO Lycoming Factory Service Department

 **AVCO** LYCOMING DIVISION WILLIAMSPORT, PA. 17701

ENGINE DESCRIPTION

Mfgr. AVCO LYCOMING DIVISION	Place	WILLIAMSPORT, PA. 17701	Date
Type	Model	10-360-A1B6D	Serial No. RL-18317-51A
Rated H.P. 200	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			745262
Propeller Mc-Cawley	Hub Design	B 2D34C207	Hub Serial No. 733666
Blade Design 78K4-0	Blade Serial No.		Blade Serial No. B 38758
Max. Hub H.P.		Max. Blade H.P.	
Pitch	Diameter		Length
Name			
Address			

Prop Service
date - 5-24-79
1667.9 Tach

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT-UPLAND, CALIF. 91786 FAA APPROVED REPAIR STATION 4755 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>25 hr</u> INSP. AND DETERMINED TO BE IN AIRWORTHY CONDITION. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. SEE WO. NO. <u>8078</u> DATE <u>11-29-78</u> TT. A-C <u>1567</u> ENG. <u>25</u> TAG <u>1567</u> NAME <u>Bill J. Grogg</u> A/S 100 UNC		
			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	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER	
	Hrs.	Min.				
			FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT-UPLAND, CALIF. 91786 FAA APPROVED REPAIR STATION 4755 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>A OIL CHANGE</u> AND DETERMINED TO BE IN AIRWORTHY CONDITION. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. SEE WO. NO. <u>8216</u> DATE <u>2-12-79</u> TT. A-C <u>1614</u> ENG. <u>92</u> TAG <u>1614</u> NAME <u>Roger L. Dally</u>	FOOTHILL AIRCRAFT SALES & SERVICE, INC. CABLE AIRPORT-UPLAND, CALIF. 91786 FAA APPROVED REPAIR STATION 4755 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>AN ANNUAL</u> INSP. AND DETERMINED TO BE IN AIRWORTHY CONDITION. OTHER DETAILS OF THIS INSPECTION ARE ON FILE AT THIS FACILITY. SEE WO. NO. <u>8388</u> DATE <u>4-11-79</u> TT. A-C <u>1640</u> ENG. <u>98</u> TAG <u>1640</u> NAME <u>Roger L. Dally</u> <u>APS 100 Corp.</u>		
			Page Total			
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			Total to Date			

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DA
1979
Apr-2

MAY 24

MAY 21
July

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
1979					
APR-26			TACH TIME 1652.7 HRS. REPLACED VACUUM PUMP REMOVED EDO AIRE MODEL 1U128A S/N 1740 - INSTALLED AIRBORN 211CC S/N 12D17834	Jas. P. Mylon	A+P 1224042. W.O# 0563
MAY-24-79	1667	9	REMOVED + REINSTALLED PROPELLER - OVERHAULED BY WESTERN AIRMOTIVE	Jas. P. Mylon	1224042 A+P.
MAY-26-79	1667	9	REPLACED ALTERNATOR S/N A9941 INSTALLED	Jas. P. Mylon	1224042
July 13, 1979			DRAIN OIL & REPLACED WITH 50W AEROSHELL OIL AND FILTER TIGHTEN PROP GEAR, BACK PLATE	D. Farmer	525880690 J.A.

		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.			
Sept 20,	1979	Tach 1770.4	DRAIN oil & replace with AeroShell 50W 8qt AND Replace Filter AP 525 880690		
Oct 24,	1979	Tach 1783.0	Remove MAG FOR AD 79-18-06 AD Comply with by Aero-Mag inspection & within tolerance install Bendix S.B. 605 coil Retention Kit 10-382939! Housing clearance = .006" AP 525 880690		

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

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
2-14-80			1846.0 CHANGE OIL & FILTER R.P./LWP A # 1314136		
5-15-80			CHANGED OIL & FILTER, CHECK TIMING, INSTALLED MAG SEAL KIT P/N 10-682007. CLEAN & GAP PLUGS REMOVE LT. MUFF & REAR CROSS OVER FOR WELDING. ↓ REINSTALL. COMP. Check # 176 277 377 476 80 80 80 80		
					CONT. AM

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		Total to Date

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6/8/81			Took 2041.0 change oil, clean filter (repl. Element) 8 new RHM 38E spark plugs, R/h. Ford new gaskets repaired, AIR INTAKE Box CRACK welded, R/H EXH RESONATOR MUFF - CRACK - overhanging patch, MUFFLER CROSS BRACE welded, #1 INTAKE gasket 6" ring replaced, Rocker Box gaskets replaced, Harness CHAFFING repaired - CHAFF STRIP added, Gasketator service, Fuel/Central screws serviced, Exhaust SCAT tubes replaced, manifold Breather Rubber hose repl., Comp. Check 1-76, 2-76, 3-77, 4-75/80, mag Timing check to DATA plate, OIL COOLER AD checked (80-25-07 NA. By G.W. S/N (918406E, 9115084 date 1/30/73 mfg) Engine Run up - R - 50 > mm deep - Eng. run inspected in record with a 100 HOUR Insp and found to be airworthy GWA Fredwell AP 1233898		
			oil pump Ser/No 1385C N/A By S/N		
			GEARS		

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		Total to Date	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/15/81			TACT 2045.5 - Send out Bendix Fuel Control (To Bendix, Burbank Ca) # RSA 5AD1 SN 49584 Overhauled to zero time ^{1 hr} w/ 37659 ATTACHED NEXT PAGE, INSTALL NEW OIL HD Temp probe \$1372-2 (Hi oil Temp problem) Flush Oil RADIATOR & supply New Aeroquip Oil Line Voltage Fluxation - install Regulator, ground Run up 4 mag 50 4 mag 50 Drop Ready for Test Flite ops. Aircraft airworthy WA Headshell #P1233898		

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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7-12-82	2	5	<p>This Engine has been Inspected IFA/Wa 100hr Inspection and was determined to be in an Airworthy condition at this time. Compression #1 72/80 #2 72/80 #3 77/80 #4 68/80. Drained oil & changed filter added 8qts shell multiweight, Replaced cyl #1, 3, 4 exhaust gaskets, AD# 78-09-0782 complied with, AD 82-11-05 (a)(b) complied with. — Steve E. C. A + P 547869846 —</p>		
2/23/83	2	49.6	<p>Repair oil leak by re-torquing prop Gov. Retaining bolts — Steve R. Abner</p>		

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	Total to Date

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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			<p>May 10, 1983</p> <p>I certify that this <u>Engine</u> Oil change Change filter has been inspected in accordance with <u>WAC</u> <u>aire</u>, wash down engine a <u>WVVA</u> inspection 701 AIRPORT ROAD + Cowl, Clean & gap tion and was determined to be in air- PHONE (714) 873-5993 plugs, new parts worthy condition. BISHOP, CALIF. 93514</p> <p>in May. Time mag to Engine, Check AD previously CM 7-12-82 AP 82-20-01 By Inspector N/A. Compression Check ① ⁸⁰/₇₄ ② ⁸⁰/₇₃ ③ ⁸⁰/₇₄ ④ ⁸⁰/₇₄ Check Exhaust & intake systems. Check Engine Controls take as necessary. Run up Check out Return to Service Task 2187. Time SMOA 645 hrs. JA 103520 FA Whor</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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			Total to Date		

ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7-7	2188	3	strip & repaint top of 5 tabs Replace flex hose on Manifold drain Remove Mud dauber from Right Resistor drain Remove Cover & diaphragm & clean flyover dipper to eliminate shorts & problems.	R. Abner	558128325
7-20	2195		Replace Alternator by DP in Jerington	R. Abner	558128325

		Page Total
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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7-28	2	19	Replace Regulator	R. Al.	558128325
10/20	2	28	Repair charging circuit - Santa Rosa - see Inv # 5732		
			Red wd DL, Ent. -		R. Al. 558128325
12/15	2	33	50 hr service - oil change 10-50, 89 Filter change - cleaned & gaped plugs (016) Comp. check - all serviceable. Install gear switch on throttle cam - works below 1000 rpm. owner R. Al. 558128325		

		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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2273

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
June 1, 1984			I certify that this <u>Engine</u> has been inspected in accordance with <u>WAC</u> aire, a <u>WAC</u> inspec- <u>701 AIRPORT ROAL</u> tion and was determined to be in air- <u>PHONE (714) 873-5993</u> worthy condition: <u>BISHOP, CALIF. 93514</u>		
			Change oil - 8 qts 15-50 - Change filter - Clean & gap Plugs, all "comp check" 80/80 "80/70" "80/71" - Check xh. Sys. for leaks - OK. Check all eq. controls - Lubricate - Drain fuel strainer		
			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		

Aug

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ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
			Wash Eng & Cowl - Pull valve covers on 2-4		
			check for leaks - Replace gaskets - Burr prop -		
			Adj. Gear horn switch on throttle - Run up - check		
			out & Return to Service - Tach 2273 - 7315 MOH		
			IA 1033520 Lloyd H. Cohen		
Aug 30	23	43	Installed New RHM 38P plugs - Comp Check 7 1/80 All		
			o/gl. - check for x leaks - none - check lga time - 26° - change oil		
			* Filter - 9/20 15/50 1 stick. - clean prop edge Wash -		
			Inspect all hoses & lines. - R. A. BURTIS 558-12-8325		
			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		

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ENGINE LOG

SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
8/30/84			TAKEN READING 2343 INSPECTED ALL WORK DONE UNDER ITEM AA ON PREVIOUS PAGE. ALL WORK DONE ACCORDING TO AIRWORTHY STANDARDS. AIRCRAFT ENGINE FOUND TO BE IN AIRWORTHY CONDITION. OK TO RETURN TO SERVICE. Sent Work A/P 1288076		
6/15/85	2	40	change oil & Filter add 8-15-50 check Comp - 1-76, 2-74, 3-76, 4-66 (blowing thru oil Dipstick) cleaned & gapped plugs: check & tighten A/T Belt: Repair A/T unies wires & gids: Replace Mix control: check x for leaks (none) wash & rep & Coals: Run up - No 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		

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
May 15, 1986			TACH 2486.9 CLEANED & GAPPED PLUGS, COMPRESSION AS FOLLOWS 1. 76/80 2. 75/80 3. 76/80 4. 75/80 INSPECTED & LUBED ALL ENG. CONTROLS. Insp. EXHAUST SYSTEM —		
<p>I CERTIFY THAT I HAVE INSPECTED THIS <u>ENGINE</u> IN ACCORDANCE WITH A <u>Annual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>					
<p>Date <u>5/15/86</u> <u>944.9 SMOH</u></p>					
Tach		Page Total		<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>	
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		Total to Date			
				<p><u>2486.9</u> <u>05</u> <u>IA557804297</u></p>	

ENGINE LOG SERIAL No. _____

DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7486	9		Removed & replaced condenser fan belt. Replaced partner -	P. H. Hunter	558-12-8325
7486			Had change belt & fan belt P. H. Hunter	P. H. Hunter	

		Page Total	<p>All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.</p>
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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
6-20-86			Tach Time 2498. — This Prop & Engine has been checked for dynamic balance with the "Chadwick" balancing system & found to be within .04 IPS.	Harry R. Delliaker	
6/26	2502		Change oil & Filter 8 pts Aerostal 15W50		

Harry R. Delliaker
IA 1484884
558128325

		Page Total
		Brought Forward
		Total to Date

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER
	Hrs.	Min.			
7/19/86	2	50	Replace prop Governor with SM, Prop Rebuilt unit Mod # C290D3/T12 Serial 750888 yellow to graphite.		
8/28	25	44	Adj prop gov to 2700 Red line (white at 2500)	<i>[Signature]</i>	
				558128325	
10/4	25	48	changed oil & Filter (8) shellis-50 Comp 1-75/100 2-100/150 3-70/100 4-70/100 Install new throttle cable, 1 Cowlfastener, 4 to nose gear Wash eng compartment		

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DATE	TIME		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	SIGNATURE	LICENSE NUMBER	
	Hrs.	Min.				
5/6/87	TACH		2586.9 SMOH 1044.9 Compression showed all cylinders satisfactory cleaned, gapped, and tested all spark plugs installed new hardware on all engine controls in compliance with AD 86-24-07. Seat check and ground run showed satisfactory operation.			
			#1-74 #2-76 #3-76 #4-76 Run op mag Drgs - L-47, R 40			
				I have inspected this aircraft engine in accordance with a <u>annual</u> inspection and found it to be in airworthy condition. Mark C. Perry 5529541A		
			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			

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

- ✓ AD 79-04-05 N/A to Bendix injectors - S/N - 4-10-79 Kolligs
- ✓ AD 79-18-06 comply with 10-24-79 ^{see logs} Donald J. Farrow 525880680
- AD 79-26-3 Bendix inj. - N/A PART #
- AD 79-21-8 " " - N/A " "
- See Bul type 45A - oil pump injector gears - N/A to this entry by SN & model
- 81-18-04 oil pump N/A by model #
- 78-09-07R2 complied with 7-12-82
- 82-11-05(a) (b) (c) complied with 7-12-82
- 82-20-01 Impulse couple fly waste hardness c/w

10/12
10/12
10/12

