

ENGINE LOG

ENGINE DESCRIPTION

Mfgr. <i>Lycoming</i>	Place	Date
Type <i>H- opposed</i>	Model <i>O-360-A1A</i>	Serial No. <i>6-1820-36</i>
Rated H. P.	Maximum H. P.	Weight (Dry)
Rated R. P. M.	Maximum R. P. M.	Oil Pressure
Bore	Stroke	Displacement
		Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio
Propeller	Hub Design	Hub Serial No.
Blade Design	Blade Serial No.	Blade Serial No.
Maximum Hub H. P.	Maximum Blade H. P.	
Pitch	Diameter	Length
Owners Name		
Address	City	State

ENGINE LOG

Engine installed at 7:00 time of 1280 TOTAL TIME 1461

DEC
DATE

3 1970

R. P. M.

TIME ON
GROUND

TIME IN AIR

TOTAL TIME

REPAIRS - ADJUSTMENTS

SIGNATURE

LICENSE
NUMBER

GROUND

AIR

HRS.

MIN.

HRS.

MIN.

HRS.

MIN.

MAJOR OVERHAUL 0 00

This Engine O-360-A1A, S/N L-1870-36 given a complete major overhaul this date with the following parts replaced: 4-Chrome cylinders, 1-gasket set 75439-1, 1-Main Bearing 77044, 4-Main Bearing 73044, 8-Con-Rod Bearing 72218, 1-oil pump gear 60746, 1-oil pump gear 60747, 1-Tach Shaft 68757, 1-Tach Shaft Pin STD 1199, 8-Con-Rod pins STD 1193, 8-Rings 74673, 4-Rings 73857, 8-Brass Plugs 72198, 8-Hyd. Lifters 78290, 4-Pistons 75089, 8-Spark plugs SR#88, 1-Tmm Black Harness. All accessories Overhauled. Magnaflyper by Michael Rand. Invoice # 31403, dated 7-22-70. This engine tested, installed, inspected and released for flight.

PACIFIC CONTINENTAL

ENGINES, INC. ST. #4595

16041 ARMINTA STREET

VAN NUYS, CALIF. 91406

BROUGHT FORWARD

TOTALS

ENGINE LOG

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ENGINE LOG

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ENGINE LOG

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ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									New Sears Battery J.I.		
									I CERTIFY THIS ENGINE HAS BEEN		
									INSPECTED IN ACCORDANCE WITH A 100 HR		
									INSPECTION AND FOUND TO BE AIRWORTHY.		
									SIGNATURE Robert Barnes		
									A & P # 13862391A		
									DATE 1 Dec 1973		
									TIME IN SERVICE 152.31		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LIC. NO.	
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.				
1976									512.34 hours			
Aug 8	TACH	1792.34			T.T.S.M.O.H				Checked compression Cyl # 1 78/80			
	Cyl # 2	78/80			Cyl. # 3	76/80			Cyl # 4 78/80. Checked			
	timing of both magneto's. Changed oil and checked											
	and cleaned oil screen. Replaced all spark plugs.											
	Replaced ignition Harness with new Slick Harness.											
	Replaced oil cooler lines with high pressure stainless											
	lines. Replaced all vacuum hoses. Replaced all											
	Rocker box cover gaskets. Ran engine checked for leaks											
	Operation normal. All A.D. notes checked and complied with.											
	I certify this engine has been inspected in accordance											
	with an annual inspection and found to be airworthy											
BROUGHT FORWARD												
TOTALS												
Bohly W Morrow												
A.D. No. 1530862												

ENGINE LOG

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DATE		R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1977	4-11									529.5 hours. Tach Time 15.0		
Total Time SMOH Spark plugs removed, cleaned + gapped. Differential Compression checked performed #1 80/78 #2 80/76 #3 80/76 #4 80/78. Oil changed Oil screen removed and checked for metal, cleaned and reinstalled. Both magnetos inspected and retimed. Engine operational check performed and propeller operational check performed. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Bobby W Morrow A+P No. 1530862												
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

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BER

80
76

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1978-2/20/78									Total Time SMOH 669.5 hours. Tech Time-155.0		
									Spark plugs removed cleaned and gapped. Differential		
									compression checked performed #1-80/77 #2-80/78 #3-80/78		
									#4-80/78 Oil changed, Oil screen removed and		
									inspected for metal. Both magneto's inspected and		
									retimed at 25° B.T.C. Exhaust system disassembled		
									and checked for leaks. Engine operational check performed		
									and propeller operational checks performed.		
									<i>engine</i> I certify that this aircraft has been		
									inspected in accordance with: <u>100 hour</u>		
									inspection and was determined to be in		
									airworthy condition. Total Time: <u>669.5</u>		
									Date: <u>2/20/78</u>		
									Bobby W. Morrow		
									INSPECTION AUTHORIZATION #SP 1530862		
BROUGHT FORWARD											
TOTALS											

Bobby W. Morrow 1530862

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4/15/78									Total Time S.M.O.H. - 689.5	Tech Time	1751
Performed Complete Top Overhaul on engine. Installed new pistons, rings, valves, valve guides, valve seats. Chrome Cylinders all checked within new tolerances. Engine run in and operational check performed. I certify that this engine is airworthy. Bobby W. Morrow A+P 1530862											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
75.0 2/05/79									Total Time S.M.O.H. - 785.4	Tech Time 270.9	
Performed 100 hour inspection. Removed oil screen inspected and cleaned. Cleaned and gapped spark plugs. Drained carburetor bowl. Checked Timing on both mags. Performed differential Compression check: #1 $\frac{80}{16}$ #3 $\frac{80}{15}$ #2 $\frac{80}{68}$ #4 $\frac{80}{70}$ washed engine and ran up for operational check and checked for leaks.											
I certify that this aircraft has been inspected in accordance with <u>original</u> 100-hour inspection and was determined to be in airworthy condition. Total Time: <u>S.M.O.H. 785.4</u> Date: <u>2/05/79</u> Tech Time <u>270.9</u> Bobby W Morrow INSPECTION AUTHORIZATION A & P 1530862											
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
8/12/81	T.T.S.	0	936	3	Tach time:	422.1	Total Time:	22:16.6			
	100 hour inspection accomplished. Changed oil and examined screen for metal. Cleaned and gapped plugs. Rebuilt both magnetos. Installed new coils in accordance with A.D. 73-07-04. Installed new points, condensers, rotors, seals and new steel seal bushings. Differential compression check performed #1 80/75 #2 80/77 #3 80/75 #4 80/74. Drained carburetor bowl. Washed and ran engine.										
	I certify this engine has been inspected in accordance with 100 hour inspection and was determined to be airworthy. Date: 8/12/81 Total Time: 22:16.6										
BROUGHT FORWARD									Bobby W. Morrow A+P IA 1530862		
TOTALS											

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DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9/1/82	T.T.S.O.		974.7		Tach Time - 460.5		Total Time - 2255.0				
Inspected engine in accordance with a 100 hour inspection. Differential Compression check performed.											
#1 80/76 #2 80/78 #3 80/75 #4 80/75											
Timing on both mags checked. Carburetor bowl drained. Oil changed, and oil screen inspected for metal particles. Cleared and gapped plugs. Inspected muffler and stacks for cracks. Washed and ran engine.											
Engine I certify that this aircraft has been Inspected in accordance with <u>100 hour</u> inspection and was determined to be in airworthy condition. Total Time: <u>2255.0</u> Date: <u>9-1-82</u> Bobby W Morrow INSPECTION AUTHORIZATION A & P 1530862											
BROUGHT FORWARD											
TOTALS											

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1984											
									Replaced ex pike		
									Hangers left side		
									Drained oil, Serviced		
									with 89ts 50 Aeroshell.		
									Date 11/28/84		
									Eng. Time 5/m.o/h.		
									...Eng. has been inspected and was determined to be in good condition.		
									Signature <i>[Signature]</i>		
									ADP 16121401A		
BROUGHT FORWARD											
TOTALS											

Rockair MH-1 Dif. Cyl. Press.

Date 11/30/84 Tach Time 587.

80 psi

1. 68	4. 65
2. 70	5. X
3. 75	6. X

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	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
1/22/1990									ATLANTA AIR SALVAGE		
3/1/1992									Engine removed from M-20D Neoney Engine installed in a VELOCITY RG experimental aircraft		
									TOTAL TIME ENGINE 2595.00 SMOH 1134.00 STOH 445.00	Walter Vogel	282349695
9/9/92									AD SEARCH CONDUCTED AND AD ^{ALL} ADs 9/20 To THIS DATE Leonard Belsher ATP 1138604 JA		
9/11/92									TACH 3.5 HRS CHANGE OIL 6QT W/100 AEROSHELL Walter Vogel		
BROUGHT FORWARD											
TOTALS											

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NUMBER

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8-18-94									TACH READS 89.7 CLEAN + ROTATE SPARK PLUGS, CHANGE OIL AND CLEAN SCREEN. COMPRESSION READS #1-74 #2-76 #3-70 #4-74. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL CONDITION INSPECTION AND HAS BEEN FOUND AIRWORTHY.	Walter Vogel 292349695	
9-25-95									Tach Reads Disassemble engine for prop strike inspection. Crankshaft and rods inspected by Aircraft Engines and Accessories under W.O's. - Case repaired by Div-60 under W.O. - New rod bearings, main bearings and gaskets installed. New camshaft installed. All work performed in accordance with Lycoming Direct Drive overhaul manual		
BROUGHT FORWARD									(next page)		
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