ENGINE LOG

PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

RIGHT

Instructions for the Use of Log Book

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N 7729J
License No.

MANUFACTURER { Name Lycoming Div. Avco Mfg. Corp. -66C
Address Williamsport, PA.

Model IO-320-B1A H. P. 160 Serial No. L-1779 ~~-66~~

Stroke 3.875
Bore 5.125

Manifold Pressure { Normal
Maximum

R.P.M. { Normal 2350 Cruise
Maximum 2700

B.H.P. { Normal
Maximum 160

Gear Reduction Ratio Direct Drive

Rotation of Propeller ~~Clockwise~~ Counter clockwise

Certified Correct Date

OWNER { Name
Address

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
SERVICED BY MARTINS ORANGE COUNTY AIRPORT SANTA ANA, CALIF. REPAIR STATION 4027, 50 HR OIL CHANGE	Michael O'Dell A&P 1624017
TACH TIME - 47 DATE - 7-30-65	
W.O.# 764	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
					AD's	Checked Through 65-25			

I certify that this Engine has been inspected in accordance with

8 100 Hr inspection and was determined to be in airworthy condition.

Aircraft total hrs. 96:00

Engine total hrs. (96:00) (95:00)

Name C.H. Helms Company Inspector

Rating A&P 1004483

Date 10-14-65

MARTIN SCHOOL OF AVIATION, INC.
No. 4027

Mott 1329

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
SERVICED BY MARTINS ORANGE COUNTY AIRPORT SANTA ANA, CALIF. REPAIR STATION 4027	
50 hr. Inspection completed	
the date - R J Wing fwd Ate 131510 1	
tach 145.50	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... NC .....

Date Year / Mo. / Day	R. P. M. Ground	R. P. M. Air	Ground Time Hrs.	Ground Time Min.	Air Time Hrs.	Air Time Min.	Total Time Hrs.	Total Time Min.

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

Aircraft total hrs. 200

Engine total hrs. 200

Name Edgar E Jigenson

Rating A&P 1612068 Repair Station Inspector

Date 4-29-66

MARTIN SCHOOL OF AVIATION, INC.
No. 4027

W.O. # 3061
AD's thru 66-9
Complied with
Bendix Bul. #18

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS | SIGNATURE

MARTIN AVIATION INC.

PERFORMED 50 HOUR INSP INCLUDING:

DATE 6-25-66 TACH TIME 251:71

1. OIL CHANGE ☑
2. SCREEN CHECK ☐
3. AIR FILTER ☑
4. BATTERY H_2O ☑
5. HYDRAULIC FLUID ☐
6. BRAKE FLUID ☑
7. OLEO INFLATION ☑
8. TIRE INFLATION ☑
9. NAVIGATION LITES ☑
10. INST. PANEL LITES ☑
11. LANDING LITES ☑
12. RUN UP & IDLE CHECK ☑
13. WALK AROUND CHECK: ☑
    SECURITY OF COWLING
    GENERAL CONDITION
    PROP FOR NICKS ☑

SIGNED Michael O'Lyle A & P # 1624097

W.O. # 3437

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.

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

Aircraft total hrs. 301-76

Engine total hrs. 300-19

Name Michael O'Keefe

Rating A&P 1624097

Date 8-13-66 A.D to 66-17

MARTIN SCHOOL OF AVIATION, INC.

No. 4027

W.O. # 3817

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
9-29-66 TACH TIME 346. 50 hr insp and oil change.	
SERVICED BY MARTINS ORANGE COUNTY AIRPORT SANTA ANA, CALIF. REPAIR STATION 4027	
Paul Morrison ATP 1306882	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.

I certify that this ENGINE has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition.

Aircraft total hrs. 400

Engine total hrs. 400

Name Robert W Meehan

Rating A&P 1402067

Date 11-18-66

MARTIN SCHOOL OF AVIATION, INC.
No. 4027

ADs CHECKED THRU 66-24

W.O. 4398

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
1-13-67, Tt. 447. W.O. 4733 Changed oil - No screen check Aero shell 100 W SERVICED BY MARTINS ORANGE COUNTY AIRPORT SANTA ANA, CALIF. REPAIR STATION 4027 Lowell B. Reed A-1660301	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year / Mo. / Day	R. P. M. Ground	R. P. M. Air	Ground Time Hrs.	Ground Time Min.	Air Time Hrs.	Air Time Min.	Total Time Hrs.	Total Time Min.
W.O.# 194			I certify that this Engine					
A.D.s through 67-6			has been inspected in accordance with					
			a Annual inspection					
			and was determined to be in					
			airworthy condition.					
			Aircraft total hrs.		498			
			Engine total hrs.		498			
			Name Edgar E. Jorgenson					
			Rating A+P 1617088 R.S. Inspector					
			Date 3-22-67					
			MARTIN SCHOOL OF AVIATION, INC.					
			No. 4027					
TOTAL TIME								

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
6-22-67 W.O. 731 Tach: 548. Changed oil - AeroShell W50 - No Screen ck. SERVICED BY MARTINS ORANGE COUNTY AIRPORT SANTA ANA, CALIF. REPAIR STATION 4027 James F. Maxwell A+P 1522741	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.

ENGINE LOG

REMARKS | SIGNATURE

W.O. # 863

MARTIN AVIATION INC.
PERFORMED 50 HOUR INSP INCLUDING:

DATE 12-29-67 TACH TIME 643

1.	OIL CHANGE	☑	
2.	SCREEN CHECK	☐	
3.	AIR FILTER	☑	
4.	BATTERY H_2O	☑	
5.	HYDRAULIC FLUID	☑	
6.	BRAKE FLUID	☑	
7.	OLEO INFLATION	☑	
8.	TIRE INFLATION	☑	
9.	NAVIGATION LITES		☑
10.	INST. PANEL LITES		☑
11.	LANDING LITES		☑
12.	RUN UP & IDLE CHECK		☑
13.	WALK AROUND CHECK:		
	SECURITY OF COWLING		
	GENERAL CONDITION		
	PROP FOR NICKS		☑

SIGNED E E Ingerson A & P # 1617068

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
W. O. #		1230		I certify that this Engine					
AD's Thru		68-4		has been inspected in accordance with					
				a Annual inspection					
				and was determined to be in					
				airworthy condition.					
				Aircraft total hrs. 684					
				Engine total hrs. 684					
				Name Edgar B. Jigerson					
				Rating A+P 1617068 Repair Sta. - Inspector					
				Date 3-28-68					
				MARTIN SCHOOL OF AVIATION, INC.					
				No. 4027					
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
I certify that this Engine has been inspected in accordance with a 100 inspection and was determined to be in airworthy condition. Aircraft total hrs. 784 Engine total hrs. 784 Name [signature] Rating A&P 1402067 Date 8-2-68 MARTIN SCHOOL OF AVIATION, INC. No. 4027	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.

ENGINE LOG

REMARKS	SIGNATURE
11-25-68 W.O. 2610	

MARTIN AVIATION INC.

PERFORMED 50 HOUR INSP INCLUDING:

DATE 11-25-68 TACH TIME 926

1. OIL CHANGE	☑	9. NAVIGATION LITES	☑
2. SCREEN CHECK	☑	10. INST. PANEL LITES	☑
3. AIR FILTER	☑	11. LANDING LITES	☑
4. BATTERY H_2O	☑	12. RUN UP & IDLE CHECK	☑
5. HYDRAULIC FLUID	☑	13. WALK AROUND CHECK:	
6. BRAKE FLUID	☑	SECURITY OF COWLING	
7. OLEO INFLATION	☑	GENERAL CONDITION	
8. TIRE INFLATION	☑	PROP FOR NICKS	☑

SIGNED James F. Maxwell A & P # 1622791

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
4-	16-	69		W.O. 3362			AD-CHd	TO	
							69-5		

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

Aircraft total hrs. 984.

Engine total hrs. 984.

Name Robert W. Meehan

R.S. Inspector

Rating CHP1402067

Date April 16, 1969

MARTIN SCHOOL OF AVIATION, INC.

No. 4027

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
6-11-69. TACH 993	
oil changed Aero Shell W	50 WT.
Anderson Aviation	
TECH 1051 EMA.	
9-29-69 INSTALL NEW RHE	
40E PLUG & CHANGE, OIL, CE Glasman III A&P 1903629	
10-27-69 Tach 1090	
Changed oil & checked screen	Shell 40W
Lee Kimball RP 1756527	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. Date 12-20-69 Tach Time 1131 Total Time 1131 Signature Chr Stamatopoulos - IA-1306588 Work Order # 17354 AD's checked thru card 69-25 ANDERSON AVIATION SALES CO., INC. 2630 SKY HARBOR BOULEVARD SKY HARBOR AIRPORT PHOENIX, ARIZ.	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year 70 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
7	21			Total				1222	
			Time Since			Major	9/14	0	

ENGINE LOG

REMARKS	SIGNATURE
Major overhaul Eng, and converted to counter-rotating in accordance with Piper S.L. #552. Installed all New Factory furnished Parts:- New crankshaft, Camshaft & Gear, All main & rod bearing, accessory case, oil pump housing, 4 Pistons, piston rings, piston pin Plugs, 8 Valve bodys, Gaskets, Generater, Prop Gov, Vac Pump. 2 Mags, 4 Exh guides valves, 4 intake guides, 1 intake valve. All steel parts reused were insp & Mag: fluxed. Prop converted & o/h by Warner Prop & Gov Co. Tucson. New Ign Harnesses installed. Ground run for 1.00 hr & checkout OK RPM uncompounded 50# oil is being used as break in oil. See 377 this date. No weight change. Kit # 760374 installed. See next page.	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
		New	Eng	Data:		L10-320-B1A			
					S/N	L-1729-66C			
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and/or overhauled, and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under W.O. 3481 Date 7/21/70 Signed Leroy A Knoodle for AUTHORIZED REPRESENTATIVE CROWN AIR, INC. 3980 West Aero Way San Diego, Calif. 92111 FAA Approved Repair Sta. # 4826	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year 1970 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
9	18	Tach. reads							
		Installed reconditioned magnetos in Lister. Bench check and OK for return to service.							

Engine Serial ..... N C .....

Date Year 1971 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
1	15	L1284	R1274						

On Nuclins section completed this date. Drained oil and checked screen. Cleaned and gapped all spark plugs. Made differential check of all cylinders. Checked timing and points.

Refer to rear of A/C log for current AD compliance.

I certify that this engine/aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition.

Signature John L. Keiper

Date 1-15-71

CROWN AIR, INC.
3980 W. Aero Way
San Diego, Calif. 92111

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

F.A.A. Approved Repair Sta. # 4826

ENGINE LOG

REMARKS	SIGNATURE
2-14-72 tach 1329.82	
this Engine was given a 100 hr Inspection and found airworthy changed oil Shell W "50" Replaced push rod top Seals #1 cylinder Robert Seamount Jr A+P 1988646	
2-14-72 tach 1329.82	I certify that this Engine has been Inspected in accordance with a annual inspection and was determined to be in airworthy condition. Total time to date ———
	Robert L Sarchet Robert Lee Sarchet A&P 1328351

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year 1973 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
						ANNUAL INSPECTION			
JAN	17	1381.0	RECORDING TACH			159.0 SMOH			

CLEANED AND GAPPED PLUGS, CKD & INSPECTED MAGNETOS, CHANGED OIL & INSPECTED OIL SCREEN, SERVICED AIR FILTER, CLEANED AND CKD FUEL FILTERS, - INSPECTED ENGINE AND COMPONENTS FOR CONDITION AND OPERATION. - DIFFERENTIAL COMPRESSION CHECK: #1-76, #2-78, #3-76 & #4-77 OVER 80 PSI -

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

All A.D. notes checked through 73-1 All pertinent notes complied with except as noted.

Signed [signature] 1214015

Date 1/17/73 Total Time A.F. 1381.0

Tach Reading 1381.0 Total Time Eng. 159 SMOH

Last Periodic. Date 1/17/73 Date Since —

Pertinent details are on file at this Agency under

Repair Order TOTAL TIME 2202

~~I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE: DATE:~~

AIR REPAIR SANTA CAMILA AIRPORT

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
1973	
NOTE: STARTER RING SUPPORT PIPER P/N 755007 (Lyc P/N 11837) MUST BE INSTALLED AS SOON AS AVAILABLE - PART ORDERED FROM S.P.A.D 1/17/73 Harrison Bevin 1214011	
I CERTIFY THAT THIS ~~AIRCRAFT~~ Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TIME IN SERVICE: 1381.0 DATE: 1-17-73	Dick P Kelley IA1519545
1973 2/4/73 REMOVED SERVO INJECTOR R/H ENGINE AND EXCHANGED UNIT FOR REBUILT + CERTIFIED UNIT AT AIRMOTIVE CARBURETOR BURBANK - NEW SEALS + GASKETS RESET IDLE MIXTURE + LINKAGES TESTED OK - RUNS SMOOTH.	
A B Kramer AP2143015	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
5-	28-	73	I certify that this engine has been inspected						
			in accordance with a 100 hour inspection						
			and was found to be in an Airworthy						
			Condition. Replaced all plugs with						
			REM 40E New plugs - 8 qts Aeroshell 50						
CMCH Reads		1487		A B Kramer		AP 2143015			
		TOTAL TIME							

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE

DATE 9/30/73 TACH READS 1284 N 77291

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ANY DISCREPANCIES FOUND WERE CORRECTED AS NOTED BELOW. RETURN TO SERVICE. REPLACED STARTER RING GEAR

A. B. KRAMER AP2143015

SAN-VAL FLYING SERVICE — VAN NUYS AIRPORT

DATE 10-12-73 TACH READS 1680 N 77294

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ANY DISCREPANCIES FOUND WERE CORRECTED AS NOTED BELOW. RETURN TO SERVICE.

A. B. KRAMER AP2143015

SAN-VAL FLYING SERVICE — VAN NUYS AIRPORT

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
TOTAL TIME									

Date 2-15-79 Total A/C/Eng. time 1787

Tach Reading 1787 I certify that this

ENGINE has been inspected in accordance

with an/a 100 HR inspection and was

determined to be in airworthy condition.

Work Order No _____ Date 2-15-79

Dan Carden AP1436686TA

(Signature) (F.A.A. Number)

DAN CARDEN
AIRCRAFT REPAIR & OVERHAUL
16300 STAGG STREET
VAN NUYS, CALIFORNIA 91406

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
7 Feb 1975 Inspected Engine IAW a 100hr Inspection (See Att Insp. Sheet) and found Air worthy. Replaced Points & Cond. L.H. Mag. Tach Time 1835 — L 13 hr SMOH C J Smith A&P 1707821	

"I certify that this aircraft has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition." M R Wells IA 1183431
Date 2-7-75 TT. 1835.—

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Note ANNUAL

TACH. 1909

TOTAL 1909 DATE. 2/25/76

SIGNED. David R Booker

DANIEL L. BOOKER A.P. 1732083 I.A

Krueger Aviation. Inc.
2701 Airport Ave.
Santa Monica, Calif. 90405

TOTAL TIME

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
I CERTIFY THAT THIS Engine WAS REPAIRED OR INSPECTED IN ACCORDANCE WITH A 100 hr INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER ~~2006~~ DATE 4/14/77 TACH 2006 TOTAL 2006 SIGNATURE Daniel F Bush KRUEGER AVIATION, INC. SANTA MONICA, CA. F.A.A. APPROVED REPAIR STATION #406-53	Note Annual

5/70

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year ..... Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
		DATE 7-1-78 TACH. TIME 2075							
		I CERTIFY THAT THIS ENGINE HAS							
		BEEN INSPECTED IN ACCORDANCE WITH							
		A ANNUAL INSPECTION AND							
		WAS DETERMINED TO BE IN AN AIR-							
		WORTHY CONDITION.							
		MECH. Robert W Meehan							
		NO. 1402067IA							
		W. O. # 975							
		GENERAL AVIATION CO.							
		3915 W. Commonwealth Ave.							
		Fullerton, California							
		TOTAL TIME							

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
ENGINE I CERTIFY THAT THIS ~~AIRCRAFT~~ HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATED 5-16-8C 1 TOTAL TIME 2227. HRS. 1007.22 SMOH SIGNED Richard D. Hibbard FOR JOHNSTON AIRCRAFT SERVICE, INC. CERTIFICATE NO. 4856 TULARE MUNICIPAL AIRPORT TULARE, CALIFORNIA	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year 08 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
5	8					2340			
10	09					2404	32		
4/22	10					2462	90		
12 15	10						148.9		
9 10	11						210.9		
8-8	12						264.3		
4-22	13						314.6		
7/25	14						444.0	1572.0	
7/13	15					TACH 500.00		1628.	
10/21	16					540.00		1669 5 0 H	
10-13	17							1681	
10-20	18							1704	
10-28	19							1734	
04-15	26							1734	
TOTAL TIME									

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
CHANGED OIL, FILTER AEROSHELL 15/50	CAMGUARD
CHG OIL FILTER AEROSHELL 15/50 +	CAMGUARD
CHG OIL FILTER AEROSHELL 15/50 +	CAMGUARD
"	"
"	"
"	"
"	"
CHGD OIL PHILLIPS XC 20/50 TEMPEST FILTER	INSP ENG
IAW ANNUAL comp 1 66/80 2 72/80 3 64/80 4 76/80	
CHANGED OIL PHILLIPS XC 20/50 TEMPEST FILTER	CAMGUARD
INSPECTED ENG IAW ANNUAL INSPECTION	① 64/80 ② 70/80 ③ 62/80 ④ 72/80

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial ..... N C .....

Date Year 11 Mo.	Day	R. P. M. Ground	Air	Ground Time Hrs.	Min.	Air Time Hrs.	Min.	Total Time Hrs.	Min.
1	1			TACH TIME 171.				1298	24
6/10/12				Removed LT MAG FOR overhaul					
				TACH TIME 290				1417	00
		TOTAL TIME							

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS	SIGNATURE
OIL + FILTER CHANGE	[signature]

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AD'S FULL INDEX FOR: LYCOMING Right N7729Y O.IO.LIO-320(PC 103) SERIAL NO. L-1779-66C REVISION DATE: 2/04/77

TACH. TIME _____ TOTAL TIME _____

AD NUMBER	DESCRIPTION	GRID LOCATION	DATE OF COMPLIANCE	HOURS AT COMP	METHOD OF COMPLIANCE	ONE TIME	RECUR-RING	NEXT COMP. DUE	AUTHORIZED SIGNATURE AND NUMBER
55-02-02	ENGINE ACCESSORY DRIVE ADAPTER GASKET	2L06	N/A						
59-10-07	CYLINDER BAFFLE CLAMPS	2L07	N/A						
63-23-02 R	EXHAUST VALVES AND VALVE GUIDES	2L08	N/A						[illegible]
64-16-05	OIL SEAL FAILURE IN AC LIGHT WEIGHT FUEL PUMPS	2L09	Per	Clr					
65-03-03 R	CRANKSHAFT FLANGE	2L10	10/14/65	By	Martens aviation				
66-20-04	OIL FILTER ADAPTER GASKET	2L11	11/15/66	By	Martens aviation				
67-22-06	DELRIN STEMMED FUEL DIAPHRAGM ASSEMBLY	2L12	10/17/67	By	Martens aviation				
72-15-02 R	PRESTOLITE AD - TO PRECLUDE IN-SERVICE FAILURE OF ALTERNATOR COOLING FANS	2L13	N/A						[illegible]
73-07-04 R	BENDIX AD - TO PREVENT FAILURE OF MAGNETOS DUE TO MALFUNCTION OR FAILURE OF IGNITION COIL OR ROTATING MAGNET	2L14	2/25/76	By	Krueger Aviation				
73-23-01 R	PISTON PINS	2L15/ 2L19	N/A	By	Ser #				[illegible]
74-18-05	SLICK AD - TO PREVENT FAILURE OF MAGNETO IMPULSE COUPLING DUE TO LOOSE PAWLS	2L20/ 2L21	N/A						[illegible]
74-26-09	BENDIX AD - BENDIX SERIES MAGNETOS (S-20,S-200,S-1200)	2L22	2/25/76	By	Krueger Aviation				
75-08-09 R	OIL PUMP DRIVE SHAFT AND DRIVE IMPELLER	2L23/ 2M03	N/A	By	Ser #				
[illegible]-09-15	BENDIX FUEL FLOW DIVIDER	2M04	NA	BX	SER #				[illegible]
[illegible]-07-12	BENDIX IGNITION SWITCHES	2M05/ 2M06	N/A						[illegible]

INDEX OF: AD'S FULL INDEX FOR: HARTZELL Right N 77294 ALL MODELS HCG2YL-2B TACH. TIME A-78214 - A78269 SERIAL NO. 06-1751 TOTAL TIME 2006 REVISION DATE:

AD NUMBER	DESCRIPTION	GRID LOCATION	DATE OF COMPLIANCE	HOURS AT COMP	METHOD OF COMPLIANCE	ONE TIME	RECUR-RING	NEXT COMP. DUE	AUTHORIZ SIGNATU AND NUM
68-13-02	PROPELLER BLADE SHANK CRACKS AND POSSIBLE FAILURES	2M09	N/A						
68-19-04 R	BLADE SHANK CRACKS AND POSSIBLE BLADE FAILURE	2M09/ 2M10	N/A						
70-05-06	INSPECTION OF BLADES USED ON AIRESEARCH TPE-331 ENGINES	2M11	N/A						[signature]
70-14-03 R ✓	PROPELLER BLADE SHANK FAILURES 835571 +up	2M11/ 2M12	6/24/79	Examined	Prop	Service			
71-21-09 R ✓	INADVERTENT LOSS OF THE PROPELLER'S AIR CHARGE	2M12							
72-04-04	PROPELLER BLADE FAILURES	2M13/ 2M14	N/A						
73-02-01	PROPELLER BLADE SHANK FAILURES	2M15	N/A						[signature]
73-10-03 R	PROPELLER BLADE SHANK CRACKS AND POSSIBLE BLADE FAILURES	2M16							
74-14-01 R	DETECTION OF BLADE CRACKS AND POSSIBLE BLADE FAILURES	2M17/ 2M18	N/A						
74-15-02	BLADE PITCH CONTROL FAILURES	2M19	N/A						
75-07-05 R	BLADE SHANK FAILURES	2M20	N/A						
75-17-34	BLADE SHANK AND CLAMP FAILURES	2M21/ 2M22	N/A						[signature]

A reduced copy of the AD Index can be found at 2M23/2M24.

RIGHT ENGINE

AdLog

ENGINE
MAINTENANCE RECORDS

AERO TECH PUBLICATIONS INC.
ROUTE 79 / P.O. BOX 99 / MORGANVILLE, NJ 07751

ENGINE MAINTENANCE RECORDS

Log No. ____

Aircraft Registration No. N7729Y

Engine Mfg. LYCOMING Model LIO 320 B1A Serial No. L1779-66C

B.H.P. (Normal) _____

(Maximum) _____

R.P.M. (Normal) _____

(Maximum) _____

Gear Reduction Ratio _____

Rotation of Propeller _____

(All applicable information must be filled in)

If used on multi-engine aircraft:

- [x] Right
- [ ] Left
- [ ] Front
- [ ] Rear

OWNERSHIP RECORD

Name EARL L. McKAY Date Purchased JULY 1975

Address _____

Name _____ Date Purchased _____

Address _____

AERO TECH PUBLICATIONS INC.
ROUTE 79 P.O. BOX 99 MORGANVILLE, NJ 07751

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DATE	TOTAL TIME IN SERVICE	TACH/ RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Aug 25		789.2	Replaced Fuel Servo with like overhauled item (Bendix RSA 5AD1) Paul E Potts Rep 1996097

DATE	TOTAL TIME IN SERVICE	TACH/ RECORDING METER TIME
12-3-80	2224.22	
12-2-80		2224.22
5-13-86	2229.22	2229.22

DATE	TOTAL TIME IN SERVICE	TACH/ RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12-3-80	2224.22		100hr inspection was completed this date. Except for oil & filter change which was done @ Tach hrs 2224.22. DATE 12-3-80 T.I. 2224.2 I certify that this eng. was inspected in accordance with an Annual insp and was determined to be in an airworthy condition Date 12-3-80 Total time 2224.22 hrs. IA Clifford A Purple A&P 403075
12-2-80		2224.2	① Fuel Pump Replaced. ② Servo Injector Overhauled
5-13-86	2229.22	2229.22	1007.22 SMOH. 100 HR SERVICE INSPECTION C/W PER JAS W# 4502. OIL DRAINED AND REPLINISHED WITH AERO-SHELL 100W. ALL FUEL AND OIL SCREENS INSPECTED. NEW SPIN ON OIL FILTER AND ASSY. INSTALLED. CYL. COMPRESSION AS FOLLOWS- 1- 75/80 2- 73/80 3- 10/80 4- 76/80 #3 CYL WAS REMOVED, AND REPAIRED. VALVE SEATS + VALVES REFACED, NEW RINGS INSTALLED. CYL WAS REPAIRED PER JAS W# E-12327, AD 84-26-02 (INDUCTION FILTERS) C/W BY INSTALLING NEW FILTER. I CERTIFY THAT THIS ~~AIRCRAFT~~ ENG. HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATED 5-15-86 TOTAL TIME 2229.22 HRS. SMOH. 1007.22 SIGNED Richard D. Lebrand FOR JOHNSTON AIRCRAFT SERVICE, INC. TULARE MUNICIPAL AIRPORT CERTIFICATE NO. 4856 OMA
5-25-88	2262.41	2262.41	1040.44 SMOH. Completed a 100hr / Annual Inspection this date per Piper PA-30 series maint manual requirements oil drained, & filter replaced, Replenished oil with A.S W100. Comp check, & timing found satisfactory cleaned plugs & tested. Applicable A.D.'s through Issue 88-09 found P/C/W as of this date. Replaced started drive Bendix this date with new unit D/N EBB 75A. Test ops OK. Cont next page

DATE	TOTAL TIME IN SERVICE	TACH/ RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5-25-88	2262.41	2262.41	1040.44 SMOH.

I CERTIFY THAT THIS ~~AIRCRAFT~~ ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 Hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
DATED _____ TOTAL TIME 2262.41 HRS.
A&P 547137568
INSPECTION AUTHORIZATION NO. _____

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
DATED 5-25-88 TOTAL TIME 2262.44 HRS.
Jaymie Klamm
INSPECTION AUTHORIZATION NO. 1340512

9-14-89			DIFFERENTIAL COMPRESSION CHECK #1, 80/78, #2, 80/79, #3, 80/75, #4, 80/76,

I CERTIFY THAT THIS aircraft engine HAS BEEN INSPECTED IN ACCORDANCE WITH A annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
TOTAL TIME IN SERVICE _____
TACH TIME 2279.62 DATE 9-14-89
ERNEST A TOWERS A&P/IA 667160
SIGNATURE Ernest A. Towers

3-1-91	2288.41	TT	Inspection completed this date, compression
TACH	2288.41		checked - #1 75/80, #2 76/80, #3 77/80
SMOH	1059.41		#4 75/80. Drained oil, checked filter - no
HOBBS	1016.2		foreign material found. Refilled with 7 qts
			Aeroshell 100W. Installed new Champion 48110
			filter. Spark plugs cleaned, tested & reinstalled
			with new gaskets. Broken cigarette end on
			#3 lower ignition lead replaced with new
			AD 90-04-06 c/w by inspection - no distortion,
			leaks or discrepancies noted. AD's thru
			91-03 checked. All routine lubrication
			and maintenance performed per
			Lycoming and Piper Service manuals
			Engine test run.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Robert G. Squire
A.&.P. 480349934IA

DATE	TOTAL TIME IN SERVICE	TACH/ RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7-23-92	2292:74		Inspection completed this date. compression
TACH	2292:74		checked - #1 76/80, #2 76/80, #3 78/80, #4 76/80.
SMOH	1063:74		Oil not drained - filter checked - no foreign
HOBBS	1023.2		material found. New champion CH48110 filter
			installed. Spark plugs cleaned, tested and
			reinstalled with new gaskets. AD 90-04-06 R1
			complied with by installing flexible hose from
			Sacramento Sky Ranch and steel end fittings -
			see 337 this date. AD's thru 92-13 checked.
			All routine lubrication and maintenance
			performed per Lycoming and Piper service manuals
			Engine test run.
			Robert G. Squire
			A&P 480349934IA
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
7-31-93	2293:62		Inspection completed this date. compression
TACH	2293:62		checked - #1 77/80 #2 77/80, #3 78/80, #4 76/80,
SMOH	1064:62		oil not drained - filter checked - no foreign
HOBBS	1023.9		material found. New CH 48110 filter installed.
			Spark plugs cleaned, tested & reinstalled with
			new gaskets. Repetitive AD 93-02-05 complied
			with per AD instructions. AD's thru 93-13 checked.
			All routine lubrication and maintenance
			performed per Lycoming and Piper service manuals.
			Engine test run.
			Robert G. Squire
			A.&.P. 480349934 1
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			