

Book # 3

ENGINE LOG

#### TO THE ENGINE OWNER

*This log book and the Aircraft log book are the most important items of your aircraft file. It contains a continuous and permanent record of all the flying time, repair and alterations that pertain to your engine. (IT IS THE ONLY COMPLETE RECORD.) Civil Air Regulations 43.23 and 18.20 clearly state that it is the responsibility of the aircraft owner to see that his aircraft records are properly maintained: "Please note, all maintenance (except preventative maintenance) repairs, and alterations must be recorded. A current and accurate record of the total time in service on the aircraft and each engine must be maintained."*

*On the back pages of this log book are specially prepared forms on which to make the entries which now have to be made pertaining to Airworthiness Directives. It is the responsibility of the repair agency to make the proper entries.*

*This log is designed for ease of compliance with C.A.R. See that it is kept up. It will save you money. Guard it closely. If you lose it, you are in trouble. Keep it available at all times in a dry, safe place. These records are to be transferred with ownership.*

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Aero Products Corporation  
St. Louis  
1963

### RECORD OF OWNERSHIP

EMIL J. NIOSI 2601 WEST 110<sup>th</sup> ST.  
(OWNER) (STREET ADDRESS)  
BLOOMINGTON, MINN. 10- - 67  
(CITY & STATE) (DATE PURCHASED) (DATE SOLD)

(OWNER) (STREET ADDRESS)  
(CITY & STATE) (DATE PURCHASED) (DATE SOLD)

(OWNER) (STREET ADDRESS)  
(CITY & STATE) (DATE PURCHASED) (DATE SOLD)

**RECORD OF OWNERSHIP**

(OWNER) \_\_\_\_\_ (STREET ADDRESS) \_\_\_\_\_

(CITY & STATE) \_\_\_\_\_ (DATE PURCHASED) \_\_\_\_\_ (DATE SOLD) \_\_\_\_\_

(OWNER) \_\_\_\_\_ (STREET ADDRESS) \_\_\_\_\_

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(OWNER) \_\_\_\_\_ (STREET ADDRESS) \_\_\_\_\_

(CITY & STATE) \_\_\_\_\_ (DATE PURCHASED) \_\_\_\_\_ (DATE SOLD) \_\_\_\_\_

**ENGINE DATA**

(THIS PAGE MUST BE FILLED OUT COMPLETELY)

MANUFACTURER LYC. MODEL 0-360-A1F SERIAL NO. L-13658-36A

DISPLACEMENT \_\_\_\_\_ OIL PRESSURE \_\_\_\_\_ OIL TEMP. MAX. \_\_\_\_\_

WEIGHT \_\_\_\_\_ RATED H. P. 180 AT 2700 R.P.M. \_\_\_\_\_

OIL GRADE: SUMMER \_\_\_\_\_ WINTER \_\_\_\_\_ OIL CAPACITY \_\_\_\_\_

FUEL MINIMUM OCTANE \_\_\_\_\_ FIRING ORDER \_\_\_\_\_

MAGNETO TIMING \_\_\_\_\_ MAGNETO POINT SETTING \_\_\_\_\_

SPARK PLUG GAP \_\_\_\_\_

ENGINE LOG

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
77	9	21	850.92				
	9	23	850.36				
	10	6	851.96				
	10	9	853.30				
	10	15	853.98				
	10	18	854.24				
	10	20	855.20				
	10	23	858.76				
	10	27	859.43				
	10	28	860.79				
	11	4	862.31				
	11	11	862.89				

ADDED 1 QT AERO-W- E.J.H.

CARRY TOTAL TIME TO TOP OF NEXT PAGE

# 30  
AD.

ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
77	10	2	<p>851.3 Opt Compression Chks 75% or better - SPARK                      Plugs changed - oil changed Screens Okid ok - Fuel                      Primer Line Replaced (Leaking) Prop Nicks profiled - engine                      cleaned - 90 RUNUP checks ok - cleaned + inspected                      carb air filter, inspected + cleaned fuel screens</p>
<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN                      INSPECTED IN ACCORDANCE WITH                      A...100hr...INSPECTION AND WAS                      DETERMINED TO BE IN AIRWORTHY CONDITION</p>			
<p>TOTAL TIME 851.3 DATE 10/2/77</p>			
<p>SIGNATURE... Stewart E. Enger</p>			
<p>CERTIFICATE NUMBER AEP 468 72 9466</p>			















ENGINE LOG

YEAR	MO.	DAY	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
78	9	28	930:59				
	10	2	931:05				
	10	7	931:72				
	10	8	935:85				
	10	14	937:17			CHANGED TO AERO-W #30A-D. E.J.2.	
	10	19	938:12				
	10	21	939:33				
	10	22	940:07				
	10	26	942:04				
	10	27	942:55				
	10	28	943:78				

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ENGINE LOG

YEAR	MO.	DAY	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS <small>Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating &amp; Cert. No.</small>
			Nov 8, 1978 Tach 944, Total 944
			Annual inspection completed this date in accordance with the American Aviation Co. 100 hr/Annual inspection form. Removed left magneto & checked impulse coupling per AD 78-09-07 (Benzel SB 599). Coupling OK. Fabricated new buffing piece in front of alternator. Replaced fuel line hose from engine pump outlet to carburetor. Rechecked air filter per AD 75-07-02 - AMERICAN AVIATION CO. N/A by man. date. AD's checked FLYING CLOUD FIELD HOPKINS, MINN. 55343
			They 78-21. See rear of #1 FAA CERTIFIED REPAIR STATION 3065.
			worksome log for AD's update. THE ABOVE DESCRIBED MAINTENANCE/OR REPAIR IS CERTIFIED AIRWORTHY AND A DETAILED RECORD IS HELD ON FILE UNDER W/O # 53335
			I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition.
			SIGNED <u>E.J.2.</u> INSPECTOR
			DATE <u>11-8-78</u>

ENGINE LOG

YEAR	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
11	12	944:45			
11	16	945:09			
11	18	945:65			
12	2	946:25			
12	5	946:78		ADDED 1QT. AERO-W #30A.D. C.J.P.	
12	8	947:46			
12	14	948:00			
12	23	948:79			
1949-	1	6	949:42		
	1	7	949:94		
	1	24	950:52		
	1	28	951:28		

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
Nov 27 1948	Tach 945 Replaced fuel line from carburetor to fuel pressure gauge Firewall fitting. Replaced fuel line from fuel supply "T" at electric fuel pump to inlet side of engine fuel pump.
	AMERICAN AVIATION CO.
	FLYING CLOUD FIELD
	HOPKINS, MINN. 55343
	Certified Repair Station #3065
	E. B. A&P 1782142









ENGINE LOG

YEAR	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
10	20	1003:59			
10	28	1004:72			
11	4	1005:91			
11	8	1006:26			
11	11	1006:70			
11	17	1007:45			
11	18	1009:00			
11	24	1009:35			
11	25	1009:75			
11		1011:01			
(2-24-80)		1016:43		CHANGED OIL AERO-W	E. J. K.
3	2	1016:98		#30 A. D.	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR 80	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
MO. DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.
3 1	Tac 1016 Cleaned and gapped plugs cleaned and checked oil screen checked comp. all cylinders $75/80$ or better checked mag timing retimed both mags to 25° re <del>set</del> drain cap on oil cooler repaired baffles front of alternator checked travel of all engine controls adjusted idle speed was <del>checked</del> down engine and ground run satisfactory
	& CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH
	A 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
	TOTAL TIME 1016 DATE 3-1-80
	SIGNATURE J. E. Schaefer
	CERTIFICATE NUMBER A3P47326986J







ENGINE LOG

YEAR		RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
MO.	DAY					
9	7	1042:49				
9	8	1042:94				
9	26	1043:29				
9	27	1044:17				
9	28	1044:63				
10	4	1045:83				
10	6	1046:26				
10	12	1047:19			CHANGED TO AERO-W #30A.D. E.J.H.	

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR		DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS	
MO.	DAY	Certificated mechanics or repair facilities must endorse all inspections and repairs with name, rating & Cert. No.	
4/1	6/1	TACH 1075 Cleaned + Crapped Plugs Checked. + 80% SIZETONS COMPRESSION $\frac{70}{70}$ - $\frac{70}{70}$ All Cyl. Mag timing checked OK. Primer. Nozzles Cleaned. Checked All ENG. Controls + Switches OK. WASHED DOWN ENG. (Ground) Check SATISFACTORY. INSP. EXHAUST, checks OK.	
		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A-100 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION TOTAL TIME 1075 SIGNATURE Joe Johnson CERTIFICATE NUMBER AEP473769867	

ENGINE LOG

YEAR	RECORDING TACH. READING	TIME THIS FLIGHT	TOTAL TIME	REMARKS	SIGNATURE
	2-1-91	TACH	1495	Changed oil AND cleaned oil screen used Shell 30w det Pressure TEST exhaust checked mag Timing, cleaned and gap SPARK plugs Replaced induction Air Filter Element checked engine mount AND controls, Replaced SCAT tubing From Air Filter to CARB	
<p>I certify that this Engine has been inspected in accordance to an Annual inspection AND WAS determined to be in an Airworthy condition</p> <p><i>Jerry L Randolph</i> AEP 20243285A</p>					

CARRY TOTAL TIME TO TOP OF NEXT PAGE

ENGINE LOG

YEAR	DESCRIPTION OF INSPECTIONS, REPAIRS AND ALTERATIONS
	<p>6-23-92 TACH 1522.58</p> <p>Changed oil AND cleaned oil screen, checked mag Timing, cleaned AND Gapped SPARK plugs, Pressure check muffler checked intake System, checked eng Controls, checked COMPICSSION</p>
<p>I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE TO AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p><i>Jerry L Randolph</i> AEP 20243285A</p>	

