

The subject aircraft was involved in an incident /
accident on 4/19/2026 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 7570488910US.

Signed: *Underwriters Salvage Company*

Date: **5/27/2026**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100



ENGINE LOG

N1398K

2/17/2023

Tach- 1351.25

1. Changed oil and filter using 5 quarts of Phillips 20w-50 X/C oil and AA48108-2 filter. Added CamGuard to engine oil using 1.6oz per quart of engine oil ratio.
2. Installed new ferrel on cylinder #1 Primer line.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Chad R. Dawson
A&P 3432546
970-874-5181



5/30/23

TACH
1365.4

Changed oil w/5qts x/c 20/60 phillips oil
 CK'd filter for metal, NON B FOUND, Replaced
 AA48108-2 filter & ADDED Cam Guard 1.6 ozs per qt
 Comp OK (13,2,4) 78/73/62/74 & Bore scope CK OK
 Tuned Magneto to 24° & torqued P lead fasteners
 TOOK oil SAMPLE for owner
 JD - A&P 3460205

N1398K

8/11/2023

Tach- 1369.82

TSMOH- 170.52

Performed a 100 hr Inspection in accordance with FAR 43 appendix "D".

1. Compression Tested; #1-77/80, #2-62/80, #3-62/80, #4- 72/80.
2. Cut, inspected and replaced 48108 oil filter.
3. Bore scoped cylinder #3 with no defects noted.
4. Removed rocker cover on #2 cylinder streaked valves improved compression.
5. Removed trimmed and reinstalled carb heat exhaust shroud, and secured to exhaust stack.

I certify this engine was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Chad Dawson
A&P 3432546
970-874-5181



N1398K

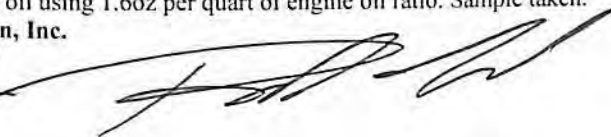
12/28/2023

Tach- 1393.58

1. Changed oil and filter using 5 quarts of Phillips 20w-50 X/C oil and AA48108-2 filter. Added CamGuard to engine oil using 1.6oz per quart of engine oil ratio. Sample taken.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Ronald G. Widner
A&P4122877IA
970-874-5181



N1398K

9/27/2024

Tach- 1433.23

TSMOH- 233.93

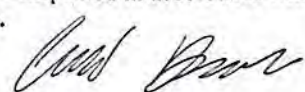
Performed a 100 hr Inspection in accordance with FAR 43 appendix "D".

1. Compression Tested; #1-78/80, #2-38/80, #3-74/80, #4- 65/80.
2. Changed oil and filter with 5 quarts of Phillips 20W50 X/C oil and 48108 filter. Sample taken.
3. Investigated cylinder #2 low compression. Performed borescope inspection. Removed rocker cover and rockers from #2 cylinder found exhaust valve very hard to move. Removed cylinder and installed exchange overhauled cylinder P/N 6643 S/N 6957.
4. Installed silicone rocker cover gaskets on all cylinders.

I certify this engine was inspected in accordance with a 100 hr Inspection and was determined to be in an airworthy condition.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Chad Dawson
A&P 3432546
970-874-5181



PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

Engine Logbook Entry

Date: 06/03/2121	Tach Time: 1278.1	Eng. TT 3120	TSMOH: 92.4	N1398K	
Compression Test:		#1 73	#2 74	#3 72	#4 70

Performed compression test (results above) Installed 8 nw tempest UREM40E sparkplugs, Removed oil filter and inspected installed new CH48108-2 oil filter and safetied. Serviced with 6 qts of 20W50 XC. Checked magneto to engine timing, Left Mag had 150rpm drop, removed magneto and replaced the condenser and installed new points and retimed. Installed new intake gaskets on all 4 cylinders along with the rubber instake tube seals, statoseals on manifold and new carb base gasket. Installed new exhaust gaskets on #2,#4 cyl. Checked mixture and throttle for proper rigging. Inspected intake and exhaust system for security and condition. This engine has been inspected in accordance with a 100hr inspection as per CFR43 appendix D and was found to be in an airworthy condition at this date.

Work Completed By:
Justin L. Carlgren
AP31337291A

Signature: 

PROPELLER INSPECTION AND REPAIRS

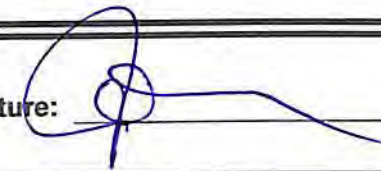
INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

Engine Logbook Entry

Date: 06/1/2022	Tach Time: 1298.8	Eng. TT 3127.1	TSMOH: 99.5	N1398K	
Compression Test:		#1 78	#2 58	#3 68	#4 70

Performed compression test (results above) removed cleaned gapped and rotated sparkplugs, Removed oil filter and inspected installed new CH48108-2 oil filter and safetied. Serviced with 6 qts of 20W50 XC and cam guard. Checked magneto to engine timing. Checked mixture and throttle for proper rigging. Inspected intake and exhaust system for security and condition. This engine has been inspected in accordance with a 100hr inspection as per CFR43 appendix D and was found to be in an airworthy condition at this date.

Work Completed By:
Justin L. Carlgren
AP31337291A

Signature: 

N1398K

10/5/2022

Tach- 1328.03

1. Changed oil and filter using 5 quarts of Phillips 20w-50 X/C oil and AA48108-2 filter. Added CamGuard to engine oil using 1.6oz per quart of engine oil ratio.
2. Removed all spark plugs and performed borescope inspection on all cylinders.

Smiling Aviation, Inc.
870 15.75 Road
Delta Co 81416

Chad R. Dawson
A&P 3432546
970-874-5181



PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

PowerPlant Log Book

5-13-2019 HOBBS: Engine Tach 1264.3 Engine TSMO 65 Model O-200A S/N 65504-6-A REG. N1398K
 Routine maintenance performed. Compression checked #1 75/80 #2 78/80 #3 74/80 #4 68/80. Installed and inspected exhaust system for cracks none found. Replaced and installed 8 spark plugs REM40E. Replaced ignition harness P/N 1230-31. Drained carburetor bowl and fuel strainer. Installed spin on oil filter adapter per STC SE7559SW See form 337 Dated 5/13/2019 inspected per installation ICA instructions. Installed Brackett air filter per STC SSA71GL See form 337 dated 5/13/2019 inspected in accordance with form I-194m. Drained oil and replaced filter 48108-2 checked and removed oil screen checked for contamination none found filled oil with 6 qts Phillips 20w50. Checked engine timing it met specifications for O-200A. Ran Engine and checked for leaks none found. Airworthiness Directives checked and complied with see enclosed list. I certify the engine has been inspected IAW Part 43 and STC SA01049W1 for 100 hour/ annual inspection and is approved for return to service.

David McDonald
 David McDonald 3196956 A&P IA

PROPELLER INSPECTION AND REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

Engine Logbook Entry

Date: 06/10/20	Tach Time: 1278.1	Eng. TT 3106.4	TSMOH: 78.8	N1398K
Compression Test :	#1 72	#2 74	#3 74	#4 65

Performed compression test (results above) removed inspected cleaned and gapped sparkplugs, removed oil filter and inspected installed new AA48108-2 oil filter and safetied. Found nylok nuts installed on oil filter adapter, replaced with correct hardware. Checked magneto to engine timing, found to be 22 reset to 24 degrees before top center. Installed new MA3SPA model 10-4894-1 carburetor and new fuel line from strainer to carb. Leak checked and set idle speed and idle mixture. Checked mixture and throttle for proper rigging. Inspected intake and exhaust system for security and condition. This engine has been inspected in accordance with a 100hr inspection as per CFR43 appendix D and was found to be in an airworthy condition at this date.

Work Completed By:
 Justin L. Carlgren
 AP3133729IA

Signature: *Justin L. Carlgren*

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.			
9-8-17	1219	112	Tach	19.6	1	SMOIT					
<p>Complied with an Annual inspection. Compression tested #1 73/80 #2 72/80 #3 67/80 #4 74/80, lapped #3 exhaust valve and Retest compression 73/80. Replaced 1 BEM40E spark plug with used serviceable part. Replaced air filter BA4108. Charged oil 4 qts phillips 20w50cc inspected and cleaned oil screen. Inspected engine mount and Rubber shock mounts, Inspected exhaust system, Mass + harness, fuel and Primer lines, and carb controls for proper travel. Replaced overhauled starter drive w/o 121392. ADs complied with see list with records. engine run up performed satisfactory. I certify that this engine and propeller have been inspected in accordance with an annual inspection and have been found to be in airworthy conditions. Mito by AP375824419.EA</p>											
BROUGHT FORWARD											
TOTALS											

9-8-17

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.			
3/9/18	1245	4	Tach	46.1	1	SMOIT					
<p>Drained oil, removed oil screen, safety wired oil screen. Added 5 qts of phillips 20w50cc. Ran and leak checked engine.</p>											
										Calvin Henson	3495783

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.				
8-29-12			TACK		12	17	35	17	84	Inspected Engine and Prop found to be OK Engine and Buffling in good condition Run up Engine Check Mags + Carb Heat ok.		
<p>I certify that this <u>Engine + Prop</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.</p> <p>Date <u>8-29-12</u> Certificate # <u>AP37432521</u></p> <p>Signature <u>Harold D. Hump</u></p>												
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.				
11-09-13			TACK		12	18	04	06	69	C/w annual inspection. Engine compression 1-78, 3-76, 4-78, 2-76 run up according to specs.		
<p>End</p> <p>I certify that this <u>Engine + Prop</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.</p> <p>Date <u>11-09-13</u> Certificate # <u>AP37432521</u></p> <p>Signature <u>Harold D. Hump</u></p>												
BROUGHT FORWARD												
TOTALS												

ENGINE LOG

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.			
7/8/06	1191.52	Tach	TT 3092.62	SMOH 2110.62	STOH 695.42	Completed with an Annual Inspection compression tested #1 70/80 #2 74/80 #3 70/80 #4 74/80. Inspected engine mount & bushings, all hoses, exhaust & shrouds, propeller & skullcap. Changed oil & cleaned screen. completed with AD 96-09-06 Brackett Air Filter replaced JAW with AD. Inspected spark plugs, harness & mags END					
<p>I certify that this Engine has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Date 7/8/06 Certificate # AP375824419 IA Signature Mike Haney</p>											
BROUGHT FORWARD											
TOTALS											

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.			
									10-10-2008 S/N 65504-6-A TACH: ENGINE MEETS REQUIREMENTS OF MAJOR OVERHAUL AFTER COMPLETION OF TEST RUN. STEEL PARTS MAGNUFLUXED, CASE ZY-GLOED AND FOUND FREE OF CRACKS AT THIS TIME. ALL CYLINDERS GROUND P015 BY HARRISON ENGINE SERV. WO#s 79243 THUR 79246. CAMSHAFT RECONDITIONED BY AIRCRAFT SPECILTIES WO# 169152. CAM FOLLOWERS RECONDITIONED BY ECI WO# 80095.1. THE FOLLOWING PARTS INSTALLED NEW: 1-SA637083 OIL SPRING, 1-637246-A1 M010 BEARING SET, 8-SA639640 ROD BEARINGS, 1-22354 & 22355 OIL GEARS, 4-SA530348 P015 PISTONS, 4-SA2000SC P015 RING SETS, 4-SA530830 PISTON PINS, 8-SA530213 ROD BOLTS, 8-24804 ROD NUTS, 8-639292 PINS, 4-629404 EX VALVES, 4-EC24047 EX GUIDES, 8-SA402151 EX STUDS, 2- EC3923 EX SEATS, 1-641793 INT SEAT, 8-24031, 24029 & 625958 VALVE SPRINGS, 16-SA21361 VALVE KEYS, 1- SA24890-A5 GASKET SET, 1-SA530019 CRANK SEAL, 8- SA530940 C-CLIPS. C/W AD 94-05-05. ENGINE NOT INSTALLED IN AIRCRAFT AT THIS TIME. END. KLINE AVIATION, INC. <i>Paul Kline</i> PAUL KLINE 368620104 IA		
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.			
1-26-99	Tach: 1001.0		TT=2902.1		SMOH=1920.1		STOH=504.9				
Inspection Compression Test: #1 $\frac{78}{80}$ #2 $\frac{76}{80}$ #3 $\frac{78}{80}$ #4 $\frac{75}{80}$											
New Spark Plugs (8) REM40E New Air Filter BA4108 Carb Heat hose heat											
Changed oil 5gts Phillips 20W50XC											
1 U09604 LH Exhaust stack - 1 E-309-000 Carb Heat Muff											
1 U09605 RH Exhaust stack - 1 E-310-000 Cabin Heat Muff											
Check Mag Timing - Wash engine - Lub controls											
Run up check R OK.											
I certify that this <u>Engine + Prop</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.											
Date <u>1-26-99</u> Certificate # <u>AIP 379325921 IA</u>											
Signature <u>Ward D Young</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

514.0
622
578

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.			
9-18-01	Tach: 1010.1		TT=2911.2		SMOH=1929.2		STOH=514.0				
Inspection Compression Test: #1 $\frac{74}{80}$ #2 $\frac{75}{80}$ #3 $\frac{70}{80}$ #4 $\frac{77}{80}$											
Installed 2 new Slick R Magns. Model 4301 turned 24°											
changed Oil: 5gts Phillips 20W50XC Cleaned screen											
Cleaned top spark plugs - Inspected exhaust system											
Wash engine - Vac interior - re-install prop 25 Hb + Hub Controls											
Installed New Air Filter BA4108											
I certify that this <u>Engine + Prop</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.											
Date <u>9-26-01</u> Certificate # <u>379325921 IA</u>											
Signature <u>Ward D Young</u>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

17.8

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.			
11-22-95	Tach	959.7	2	860	8	SMOH	1878.8	STOH	463.6	c/w Annual	
Inspection Compression test #1 $\frac{78}{80}$ #2 $\frac{80}{80}$ #3 $\frac{77}{80}$ #4 $\frac{79}{80}$ changed oil added 5 qts of 15W50 Aeroshell oil cleaned screens drained carb cleaned and gaped spark plugs Replaced Starter drive gear checked mag Timing Inspected Exhaust system Run up ok. End. Prop Removed Trimmed + Balance + Repitched To 47" By H+S prop shop End.											
I certify that this <u>Engine + Prop</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>11-22-95</u> Certificate # <u>A-P37932592 IA</u> Signature <u>David D. Henry</u>											
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.			
6-9-97	Tach	977.5	2	878	6	SMOH	1896.6	STOH	481.4		
Inspection Compression Test: #1: $\frac{72}{80}$ #2: $\frac{70}{80}$ #3: $\frac{73}{80}$ #4: $\frac{72}{80}$ Clean & gap spark plugs. Changed oil added 5 qts Phil. 20W50 Cleaned magnetron bowls & oil screens - Changed Prop Nut over Jeter Assy part # BA 4106 - Prop removed & shortened to 72" & overhauled by <u>Prop Shop Mc Caulley Prop</u> Mod # 1590 CM 92 47 see yellow tag.											
I certify that this <u>Engine + Prop</u> has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Date <u>6-23-97</u> Certificate # <u>32932592 IA</u> Signature <u>David D. Henry</u>											
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.			
9-30-86	Tach		3302.27		5	18.50	7	435.57	SMOH. 1850.7 ^{570A OVERHAUL}		
	TT.		2832.70						Removed Eng from A/C N 2263J JA 1916935 M. Hoff		
10-17-86									Sold This Eng. SR# 65504-6A with MAG'S AND CARB. + Ignition Wires + PLUG'S. Mark Hoff		
									Sold to Bob Williams 6/25/88 \$3000 ⁰⁰ Mark H. Hoff		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

1370

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.			
10-14-94	Tach		931.60		TT	2832.70		SMOH 1850.7			
	TOH		435.57						This Engine Has Been Installed in Luscombe N 1398K See 337 Dated 10-14-94 C/w Annual Inspection Compression Test in High 70's Installed New Carb, New Mags and Hoses all New Air duct Hoses, Oil & Fuel Hoses New Spark Plugs New Alternator + Brackett Air Filter see 337 Dated 10-14-94 C/w AD's Through 94-20 End. Inspected Prop ok		
									I certify that this Engine + Prop has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Date 10-14-94 Certificate # 399325921A Signature <u>David D. Dwyer</u>		
BROUGHT FORWARD											
TOTALS											

2263J

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.			
4/4/84									Chd. and gapped spark plugs, chd. oil & fuel screens. Chd. compression #1 ⁷⁸ / ₈₀ #2 ⁷⁴ / ₈₀ #3 ⁷⁹ / ₈₀ #4 ⁷² / ₈₀ . Repaired engine baffles. Chd. engine controls. Washed down engine.		
<p>Date 4/4/84 Tach 3164.5 Hrs</p> <p>I certify that this aircraft has been inspected in accordance with an 100 hr inspection and was determined to be in an airworthy condition</p>											
<p>Total time SMOH 1712.3 Hrs</p> <p>Time since top OH 329.3 Hrs</p>											
<p>Ralph Jackson ATP 1258958</p>											
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.			
7/30/84									Cleaned and gapped spark plugs changed oil with grade 80, replaced total time 3175.8 bottom plug lead on No. 4 cylinder. Compression check No. 1 ⁷⁹ / ₈₀ No. 2 ⁷⁸ / ₈₀ No. 3 ⁷⁸ / ₈₀ No. 4 ⁷⁴ / ₈₀ . I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.		
<p>total time SMOH 1723.6</p> <p>time since top O.H. 370.6</p>											
<p>Ray T. Biddle</p> <p>ATP 286608717</p>											
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.			
									2982 TACK		
									Change oil & Clean Screen		
									Diff Comp Ck all cyl 70/80		
									Comply with 77-13-03		
									Return mag to 24°		
I certify that this <u>Engine</u> has been inspected in accordance with <u>Annex</u> inspection and was determined to be in airworthy condition. Total time <u>2982</u> hours.											
Signature: <u>Robert Hoas</u> Inspection authorization # <u>1447900</u> DATE: <u>8/1/77</u>											
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.			
									Change oil & Clean Screen		
									Diff Comp Ck all cyl 72/80		
									Remove & inspect impulse coupling		
									CUAD 78-09-01		
									Slick mag installed		
I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annex</u> inspection and was determined to be in airworthy condition. Total time <u>3019</u> hours.											
Signature: <u>Robert Hoas</u> Inspection authorization # <u>1447900</u> DATE: <u>9/4/78</u>											
BROUGHT FORWARD											
TOTALS											

These 22
 2982 TACK
 3019
 14515
 15672 hours

3026

ENGINE LOG TACH 28 6607

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.			
									Engine given Top O.H. New Rings + Rod Bearings, Gaskets, Install New Exhaust Guides + new Intake Guides new Exhaust Valves. (629404) Install new 626710 cyl assy. (#4) AD 72-6-5C/W (maver carb)	Robert Haas	1447900
									(Not dated)		
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.			
									Wash Engine Ch Controls for security Ch plugs & Paints		
BROUGHT FORWARD											
TOTALS											

I certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. Total time 2 990 hours.

ROBERT
Robert Haas

Inspection authorization # 1447900
DATE 6/28/74

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.			
									Install Service Kit on 7 laps acuator to C/W A D 72-3-3 Install new nose tire Change oil Robert Haas A+P 1447900		
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.			
									Change oil + Clean Screens Wash Engine Ch mufflers Diff Comp Check, a/c 60/80 to 70/80		
BROUGHT FORWARD											
TOTALS											

I certify that this Engine ^{has been}
 inspected in accordance with a annual
 inspection and was determined to be in airworthy
 condition. Total time 2830 hours
 ROBERT HAAS
Robert Haas
 Inspection Authorization # 1447900
 DATE 4/29/73

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.			
71									Jan 1 1971 Change oil Clean Screen Check muffs, all cyl. Compression 72/80 Check plugs.		
<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition. Total time <u>2.53</u> hours</p> <p>ROBERT HAXS <u>Robert Haxs</u> Inspection authorization # 1447900 DATE <u>1/1/71</u></p>											
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.			
									Change oil & Clean Screen Check muffs Compression Check O.K.		
<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>100hr</u> inspection and was determined to be in airworthy condition. Total time <u>2633</u> hours</p> <p>ROBERT HAXS <u>Robert Haxs</u> Inspection authorization # 1447900 DATE <u>9/1/71</u></p>											
BROUGHT FORWARD											
TOTALS											

TACH 2633

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.			
1970									2356.50		
5-14-70									Change oil. Clean screens. Check compression. Clean-set and test spark plugs. Check magnetos. Check engine controls. Wash down engine. Lubricate engine controls.		
<u>MAINTENANCE RELEASE</u>											
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.					The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.						
SIGNED <u>Donald Griffith</u> FIG # <u>AR1831</u>					Pertinent details of the repair are on file at this agency under work order No. <u>8345</u>						
QUEEN CITY FLYING SERVICE, INC. C.R.S. #124					DATE: <u>5-14-70</u>						
DATE <u>5-14-70</u> TIME ON AIRCRAFT <u>ENGINE 904-50SMC</u>					SIGNED <u>Donald Griffith</u> FOR						
					QUEEN CITY FLYING SERVICE, INC. C.R.S. -124						
BROUGHT FORWARD					Agency Name Cert. No.						
TOTALS					Hangar #3, Lunken Airport, Cincinnati, Ohio 45226						
					Address						

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.			
									Change oil Clean screen Compression check OK.		
									TACIT 2471		
<u>MAINTENANCE RELEASE</u>											
I certify that this <u>engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Total time <u>2471</u> hours					The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.						
SIGNED <u>Robert Haas</u> FIG # <u>AR1831</u>					Pertinent details of the repair are on file at this agency under work order No. <u>8345</u>						
QUEEN CITY FLYING SERVICE, INC. C.R.S. #124					DATE: <u>5-14-70</u>						
DATE <u>5-14-70</u> TIME ON AIRCRAFT <u>ENGINE 904-50SMC</u>					SIGNED <u>Robert Haas</u> FOR						
					QUEEN CITY FLYING SERVICE, INC. C.R.S. -124						
BROUGHT FORWARD					Agency Name Cert. No.						
TOTALS					Hangar #3, Lunken Airport, Cincinnati, Ohio 45226						
					Address						

I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. Total time 2471 hours

ROBERT HAAS

Robert Haas

Inspection authorization # 1447900

DATE: 8/14/70

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.			
12-20-69									Annual Inspection Tach Reading 2155 Tires SMOK 703 hrs. Change oil, clean screen, check compressor, clean out spark plugs, set magnet timing. Installed new engine mount, new air scoop, carb. overhauled new throttle shaft bushing installed check heater muff. AD note thru 69-24 complied with.		
<p>This <u>Eng</u> has been inspected in accordance with <u>Annual</u> inspection. Details of work accomplished on file at this station under R. O. # <u>8067</u>. Date <u>12-20-69</u> Inspector <u>Willis W. Stucky</u> Station #4148.</p>											
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.			
3-4-70									100hr Engine check. Tach Reading 2255 hrs. change oil clean screen, clean check spark plug, set magnets timing. Installed new air filter. Check heater muffler This engine has been inspected in accordance with <u>100 hr</u> inspection. Details of work accomplished on file at this station under R. O. # <u>8128</u> . Date <u>3-4-70</u> Inspector <u>Willis W. Stucky</u> Station #4148.		
BROUGHT FORWARD											

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.			
									Tach Reading 1769		
									6-2-69 100hr Engine check, change oil, clean screen, check & set spark plugs		
									Set magnet timing, repaired accessories		
									This <u>Engine</u> has been inspected in accordance with <u>100 hr.</u> inspection. Details of work accomplished on file at this station under R. O. # <u>7226</u>		
									Date <u>6-2-69</u> Inspector <u>Willie W. Sturkey</u>		
									Station #4148.		
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.			
									TACH TIME 1868 HRS		
									100hr engine check change oil clean screen drain gasculator		
									check mag points & timer, check heat muffler check compressor		
									#1-115 #3-115 #2-125 #4-110		
									clean set & check spark plugs		
									Henry A. Lushman		
									This ENGINE <u>7P1338</u> has been inspected in accordance with <u>100hr.</u> inspection. Details of work accomplished on file at this station under R. O. # <u>7824</u>		
									Date <u>7-25-69</u> Inspector _____		
									Station #4148.		
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.			
Tach Read 1536 Permit SMITH (104h)	2-8-69								100hr Engine check, change oil, clean screen, fuel & oil, clean & check spark plugs, set magneto timing, check heater muffs, generator & starter brushes. AD note thru 69-2 Complied with -		
<p>This <u>Eng</u> has been inspected in accordance with <u>Annual</u> details of work accomplished on file at this station under R. D. # <u>7506</u> Date <u>2-8-69</u> Inspector <u>Walter W. Stuckey</u> Station #4148.</p>											
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.			
									4-10-69-100hr Engine check, change oil, clean screen, clean & set spark plugs, set magneto timing, Top overhaul #2 & 3 cylinders Tach Reading 1656 hrs		
<p>GINCINNATI AIRCRAFT INC. DATE <u>4-10-69</u> Certified FAA Repair #4148 Mech. <u>Walter W. Stuckey</u></p>											
<p>This <u>Eng</u> has been inspected in accordance with <u>100hr</u> inspection. Details of work accomplished on file at this station under R. D. # <u>7666</u> Date <u>4-10-69</u> Inspector <u>Walter W. Stuckey</u> Station #4148.</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE DESCRIPTION

Mfgr.	Place	Date
Type		
Rated H.		
Rated R.		
Bore		
Compress		
Propeller		
Blade Des		
Maximum		
Pitch		
Owners		
Address	City	State

This remanufactured engine installed in N 2263 J
in left-right position with new harness, remanufactured mags, starter, generator 60 amps, fuel pump, vacuum pump, hydraulic pump, tach generator, carburetor, fuel injection, governor, and propeller.

Repair order B 1808 Tach _____ Date 10/21/68 By _____

T. W. SMITH AIRCRAFT, INC.
BLUE ASH AIRPORT CINCINNATI, OHIO
F.A.A. REPAIR STATION 1045

Cu. In.

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.			
									T. W. SMITH AIRCRAFT, INC. BLUE ASH AIRPORT CINCINNATI, OHIO REPAIR STATION 1045 IT IS CERTIFIED THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100-hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>10-22-68</u> TACH <u>145192</u> <i>John Beckner</i>		
BROUGHT FORWARD											
TOTALS											

CAUTION
DO NOT USE DETERGENT OIL
IN THIS ENGINE
 The use of detergent oil in this engine will automatically void all warranties pertaining to oil consumption.

TWS TW
T. W. SMITH
AIRCRAFT, INCORPORATED

Warranty

To: Cincinnati Aircraft
Address: Hangar #2 Lunken Airport
City: Cincinnati State: Ohio Zip: 45226
Model: O-200-A Serial No. 65504-6-A



It is expressly agreed that we unconditionally guarantee all of our remanufactured engines and accessories to be free from defects in material and workmanship under normal use and service, for one hundred hours of service in accordance with the following conditions:

- A. Any malfunction or failure occurring within this time will be repaired at T. W. Smith Aircraft, Inc. without any charge to the customer, providing such malfunction or failure results from defects in material and workmanship and provided said aircraft is used under normal use and service. Any malfunction or failure occurring within this time which the customer desires to have repaired at a facility other than T. W. Smith Aircraft, Inc. will be reimbursed under the following circumstances:
1. T. W. Smith Aircraft, Inc. is notified before repairs are performed.
 2. T. W. Smith Aircraft, Inc. shall have the option to furnish any parts or accessories required and provided further that defective parts or accessories are promptly returned to T. W. Smith Aircraft, Inc.
 3. All repairs are done on a standard charge basis and not on an overtime basis and providing further that the charges are reasonable for the work accomplished.

The engine is further warranted on the same terms and conditions, but on a pro-rated basis from one hundred to six hundred hours. No other express warranty is given and no affirmation of the seller, his agent, employee, or representative, by words or actions, shall constitute a warranty, unless specifically included within this written agreement.

Date 10/21/68

© Copyright T. W. Smith, Inc., 1967

TWS
T. W. SMITH AIRCRAFT, INCORPORATED

Tolt Jack 2866.7

N22635

T. W. SMITH AIRCRAFT, Inc.

4490 COOPER ROAD BLUE ASH AIRPORT CINCINNATI, OHIO 45242

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency. **CERT. No. 1045**

Work Order No. B 1608 Date: 10/21/68

Model O-200-A Serial No. 65504-6-A

Date Overhauled 10/15/68 Order No. _____

Total Accumulated Time 982

Signed: [Signature]

The above listed component has been inspected, overhauled and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferric parts zyglod. No further run-in of the installation is required. All factory bulletins complied with at time of overhaul. All applicable airworthiness directives complied with. (See listing in rear of logbook).

N1398K

ENGINE LOG

Book

2

MEMORANDUM

DATE

JAN 8 1972

ANNUAL inspection complied This Date

diff ch. 85/75 #30yl Low ch. clean oil screen
 ch Mag Timing, installed New 83P spark plug.
 cleaned gascolator & screen safety Prop.

Tach 336

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

Kenneth L Taylor

A C F 1437935

Total Time: 1514

Date

JAN 8 1972

11-18-72 C49 Oil 10/30 DIFFERENT CLEANED OIL SCREEN TACH TIME 369

PROPELLER INSPECTION AND REPAIRS

INSPECTION

REPAIRS

DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
					Tach. 31700
					Remove & Repair Right Exhaust pipe, Repair Heat Muffs Right Side, inspect Left Exhaust pipe & Repair Heat Muffs, install new SCAT-8 Hose Carb. Heat, install new Exhaust Basket, Right side, check mag & timing, Clean & Gap Plugs, Clean Gasolator & install new Gaskets, Flex Lines.
					Date Dec 3-70 I certify that this Engine has been inspected in accordance with a Annual Inspection and was determined to be in Air Worthy Condition.
					Orington B. West I A-1241298

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
<p>Wash down engine, clean out screen, check trim wags, clean pop plugs, clean valves & install new bushings. Plus lines, inspect exhaust system, check compression. I certify that this engine has been inspected in accordance with 100 hrs inspection and was determined to be in air worthy condition.</p> <p style="text-align: right; margin-right: 50px;">Jay P. West A&P 1247078 <u>10 OCT 66</u></p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
<p>Date Oct 1 - 1966. I certify ^{Tech 117 cc} that this engine has been inspected in accordance with a periodic inspection and was determined to be in air worthy condition.</p> <p style="text-align: right; margin-right: 50px;">Arlington B. West / A-1241298</p>											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
<p>LUBRICATED AIR FILTER. CHECKED Prop FOR NICKS AND BRUKE INSPECTED AND LUBRICATED ALL ENGINE CONTACTS. SET MAG. TIMING. GROUND RUN ENGINE IN FOR 4 HRS CHECKED FOR FUEL AND OIL LEAKS, SET CARBURATOR AND ENGINE IDLE R.P.M. PULLED OIL SCREEN AND CHECKED FOR METAL. CHANGED OIL, CHECK Prop TRACKING. CHECKED AD NOTES, INSPECTION AIDS, AND ALERT BULLETINS PERTAINING TO THIS ENGINE. ENGINE HAS BEEN INSPECTED IN ACCORDANCE PAR AND IS AIRWORTHY</p>											
										Harold E McNeil	
BROUGHT FORWARD											
1370010											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
██████████											
4-11-64	I certify that this engine inspected in accordance with a periodic insp. was determined to be in airworthy condition. Henry R. Bult A+P 1347760 IT										
5-2-65	I certify that this engine has been inspected in accordance with a periodic inspection and was determined to be in airworthy condition. Henry R. Bult A+P 1347760 IT.										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
11-30-59	-	-	-	-	3	00	9	81	30	5-30-60 25 hr. Engine check	
12-31-59	-	-	-	-	2	00	9	83	30	completed this date. Changed oil,	
1-31-60	-	-	-	-	5	00	9	88	30	cleaned main oil screen, cleaned	
2-29-60	-	-	-	-	1	15	9	89	45	fuel section + bowl and screen.	
3-31-60	-	-	-	-	2	00	9	91	45	removed cleaned, gapped &	
4-30-60	-	-	-	-	1	00	9	92	45	reinstalled all plugs. Lubricated	
5-31-60	-	-	-	-	9	00	10	01	45	& checked all controls, magnet, prop	
6-30-60	Fast	-	-	-	26	8	33	30		etc. Certified airworthiness	
7-31-60	25%	-	-	-	6	7	10	35	15	T. C. Blatchford A#F 1280517	
8-31-60	-	-	-	-	33	5					
9-30-60	-	-	-	-	56	45				A#F. Bought By G.B. Sudd	
BROUGHT FORWARD	11	00	00	00	97	8	30	97	8	30	MAY 11, 1963
TOTALS	+	1	30	00	10	35	15	10	35	45	

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
5-22-63	-	-	-	-	-	-	-	-	-	-	-
PERIODIC INSPECTION FOR RELICENSE COMPLETED AS OF THIS DATE. ENGINE REMOVED FOR OVERHAUL.											
DISASSEMBLED ENGINE, CLEANED, INSPECTED CASE AND ALL ENGINE PARTS. MAGNAFLUXED AND TIGWELDED ENGINE CASE (CRANK SHAFT, RODS CRANK SHAFT AND ENGINE MOUNT. CYLINDERS GROUND (6.015), CRANK SHAFT GROUND (6.010) AND COMPLETELY RECONDITIONED BY SCHMICK ENGINE SERVICE (No 1393). 3 1/16 HELICOILS 4 GUIDES (8.005 8 STUDS, PISTONS AND RINGS (8.015), OIL PUMP GEAR, BEARINGS, (ROD AND CRANK SHAFT) GASKETS, SEALS, HOSES, LINES, BUSHINGS, 8 SPARK PLUGS, MOUNT BOLTS, CLAMPS AND DUCTING ALL INSTALLED NEW. EXHAUST PIPES INSPECTED FOR CRACKES. BROUGHT FORWARD											
CARBURETOR AND MAGS RECONDITIONED. CABIN AND CARBURATOR HEAT HOFFS REQUIRED. CLEANED AND											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
1-31-59	—	—	—	—	10	00	9	00	11-1-59 Periodic inspection for reliability		
2-28-59	—	—	—	—	1	15	9	03	cleaned cowl. Removed prop, checked		
3-31-59	—	—	—	—	9	30	9	12	inspected mag points. inspected		
4-30-59	—	—	—	—	13	00	9	25	nuts, bolts, hose clamps,		
5-31-59	—	—	—	—	8	15	9	34	Yank and flushed and added 4		
6-30-59	—	—	—	—	9	30	9	43	screen. Checked fuel flow		
7-31-59	—	—	—	—	12	00	9	55	muffs and inspected exhaust		
8-31-59	—	—	—	—	9	00	9	64	stacks for washes etc. Checked and lubricated		
9-30-59	—	—	—	—	9	30	9	74	all engine controls. Generally checked over all of engine accessories,		
10-31-59	—	—	—	—	4	30	9	78	checked for A.D. notes, Alot Bullitens etc pertaining to this aircraft		
									and engine - None apply. It is certified this engine has been thoroughly		
									inspected in accordance with C.A.R. and has been found airworthy		
BROUGHT FORWARD			✓		8	92	00	8	92		
TOTALS			✓		9	78	30	9	78		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
									completed as of this date, total time 978:30. Renumbed, checked,		
									prop nuts. Replaced all spark plugs, checked and		
									and checked engine mounts. Checked and lightened all		
									etc. Washed engine compartment down. Drowned it		
									with fresh oil. Changed oil screen. Cleaned carburetor fuel		
									cleaned and lubricated carburetor air filter. Removed		
									stacks for washes etc. Checked and lubricated		
									all of engine accessories,		
									Alot Bullitens etc pertaining to this aircraft		
									It is certified this engine has been thoroughly		
									checked with C.A.R. and has been found airworthy		
BROUGHT FORWARD									1 hours C. Blatchford A&E 1280517		
TOTALS					11-20-59				Periodic inspection Per Eng. Check sheet. Run up & checked O.K.		

D. Davis I.A. 148849

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
7-31	—	—	—	—	18	30	7	45	7-30-58 25 Hour engine check.		
8-31	—	—	—	—	43	00	8	45	Changed oil, cleaned oil screen,		
1-30	—	—	—	—	20	30	8	15	cleaned carb. air scoop. Washed		
9-26-58	25 hr engine		completed this date.		25 hr engine		completed this date.		engine down. Dressed prop, etc.		
Drained oil, cleaned oil screen,			added 4 qts #40 Detergent.			Washed engine down. Lubricated			all controls. Dressed prop		
nicks. Inspected engine prop,			mount, etc. Certified airworthy			checked mount, lubricated controls			3 hours C. Blatchford		
Certified airworthy A&E 1280517			8-23-58 25 hr engine check.			Changed oil, cleaned oil screen, cleaned			carb. air screen. Washed engine down.		
Checked controls, adjusted idle &			Checked mount. Checked prop.			Certified airworthy			3 hours C. Blatchford		
BROUGHT FORWARD			780 15		780 15		15				
TOTALS			862 15		862 15		15				

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
10-31-58	—	—	—	—	13	00	8	15	11-16-58 100 hr. inspection completed		
11-30-58	—	—	—	—	9	30	8	45	as of this date. Changed oil, cleaned		
12-31-58	—	—	—	—	7	15	8	00	oil screen, cleaned air filter,		
12-25-58	Changed oil,		cleaned oil screen, cleaned		carb. intake screen, washed		engine down. Checked all		worked engine down. Removed		
engine controls - Checked			engine mount. Generally			checked over all of engine			muffs & inspected stacks, removed		
Certified airworthy A&E 1280517			Checked mount. Checked prop.			Checked mag. Generally checked			all of engine. It is certified this		
BROUGHT FORWARD			862 15		862 15		15		engine has been thoroughly		
TOTALS			892 00		892 00		00		inspected and found airworthy		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
3-26-58									Total time engine 738:45 Periodic inspection for relicense completed as of this date. Removed checked and repaired cowl. Removed, checked, removed nuts, etc on prop. Top overhaul completed on engine. Removed all cylinders. Removed carbon and checked bore. Installed 4 new exhaust valves, complete new set of rings, complete set of top overhaul gaskets. Installed new spark plugs lower bank. Installed new right and left exhaust stacks, new cabin and carburetor heat muffs, clamps, and ducting. Installed 8 new intake pipe hoses and aerosol clamps. Installed		
BROUGHT FORWARD			738	45	738	45					
TOTALS			738	45	738	45					

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
									8 new push rod rubber seal cups and clamps. Repaired carburetor heat control. Installed new carburetor fuel screen. Cleaned, inspected, and refinished motor mount. Checked motor mount rubber bushings. Checked and lubricated all engine controls. Ground run, engine in for 4 hours. Changed oil, cleaned oil screen, washed engine down. Checked mag points and mag timing. Cleaned and lubricated air filter. Checked fuel flow and fuel system. Checked for A.D. notes, inspection aids, Alert bulletins, etc. Checked mount and mount bolts. Adjusted engine idle RPM.		
BROUGHT FORWARD											
TOTALS									Checked prop tracking. It is certified this engine has been thoroughly		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
5-31-57	—	—	—	—	14	30	6	51	30	6-30-57 25 hour engine check completed this date. Changed oil, cleaned oil screen, cleaned air cleaner. Checked & lubricated engine controls. Washed engine down. Checked condition of plugs & mag. Checked mount. Dressed prop nuts. Checked air w/athy Thomas C. Blatchford AFE 1280517	
6-30-57	—	—	—	—	15	00	6	66	00		
7-31-57	—	—	—	—	4	30	6	70	30		
			6 37:00				6 71:00				
			+ 29:30				+ 4:30				
			6 66:30				6 71:00				
BROUGHT FORWARD					637 00		637 00				
TOTALS			+ 30 min		670 30		670 30				
					671:00		671:00				

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
8-31-57	—	—	—	—	17	00	6	87	30	8-31-57 changed oil washed engine & cleaned cowf. Checked mount, controls, stacks, etc. Thomas C. Blatchford AFE 1280517 10-31-57 Changed oil cleaned oil screen, washed engine & cowf. Lubricated and checked all controls mount, stacks nuts. Thomas C. Blatchford AFE 1280517	
9-30-57	—	—	—	—	15	15	7	02	45		
10-31-57	—	—	—	—	17	00	7	19	45		
11-30-57	—	—	—	—	19	00	7	38	45		
BROUGHT FORWARD					670 30		670 30				
TOTALS					738 45		738 45				

ENGINE DESCRIPTION

Mfg. CONTINENTAL MOTORS CORP Place MUSKEGON, MICH Date _____
 Type _____ Model A65-8F Serial No. 5132368
 Rated H. P. 65 Maximum H. P. 65 Weight (Dry) _____
 Rated R. P. M. 2300 Maximum R. P. M. 2300 Oil Pressure 38
 Bore 3 7/8 Stroke 3 5/8 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 _____ City _____
 Owners Name _____ State _____

BROUGHT FWD 478:30

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
3-10-56									50hr engine check - Changed oil - cleaned oil screen, removed, cleaned, gapped & tested all plugs - worked engine down. Checked all controls, mount, bolts etc. Checked prop. Thoroughly checked all of engine. Certified airworthy Thomas C. Blatchford A+E 1280517		
BROUGHT FORWARD					478	30	478	30			
TOTALS					478	30	478	30			

N 1398 K

ENGINE LOG

Book #1

ENGINE LOG

DATE 1954	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
8-16					50		3 11	45	11-27-54 - 100 hr. Insp. for relicense. cleaned engine. cleaned and gapped spark plugs. cleaned oil and gas screens. Installed new prop seal and tach. seal. Installed reconditioned mags. Removed exhaust system & inspected. Installed new oil tank gasket and changed oil. 96 th St 96 th Ave D & E 1206510 Annual Insp 11-27-1954 R. Schnell DAME #383.		
8-17					1 10		3 12	55			
8-19					50		3 13	45			
8-20 - Oil changed			1	20			3 15	05			
8/20-11/27/54			18	15			3 33	20			
BROUGHT FORWARD											
TOTALS							3 33	20			

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.		
4/27-4/14/55					15	05	3 48	25	14 April '55 - Changed air filter & (non-stet) & inspected engine. Cleaned screen. Pleyer 1013896 AVE.	
BROUGHT FORWARD										
TOTALS							3 48	25		

Purchased April 6, 1955
by T.C.B.

3 48 25
3 48 50

1954

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
1-9-54					—	40	218	45	Ferried to U. of Ill.	H.F. UDE	
1-10-54					2	—	220	45	Local check. O.K.	K.E.M. C484959	
1-23-54					3	36	224	15	Local R-R- and check, OK	C484959	
1-31-54					2	15	226	30	U. of Ill → GARY		
1-31-54					1	45	228	15	GARY → U. of Ill.		
1-31-54						45	229	00	U. of Ill. Local		
2-10-54					1	00	230	00			
2-25-54					1	15	231	15			
3-6-54					1	15	232	30			
3-21-54					4	30	236	00			
3-23-54					1	15	237	15			
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
3-25-54					2	15	239	30		PMJ	
3-26-54					1	00	240	30		PMJ	
3-27-54						30	241	00			
3-27-54					2	00	243	00			
4-1-54					2	00	245	00		PMJ	
4-4						30	245	30		PMJ	
4-10-54					2	00	247	00			
4-19-54					1	00	248	00			
4-25-54					2	40	250	40		PMJ	
4-26-54					1	00	251	40		PMJ	
4-27-54					2	10	253	50		PMJ	
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
1951											
To 4:30	2000	225			25		159	27	10-8-51. 100 hr check -		
To 5:30	2000				330		162	57	Oil changed - D.E. Allen A+E 67842		
To 6:30	4650				450		167	47			
To 7:30	425				25		168	12			
To 8:30	2000				200		170	12			
To 8-16-52	415				415		174	30			
8-16-52 to 10-25-52	6:30				630		181	00	From Log Books, 2.V.D.		
10-25-52 to 11-9-53					3705		218	05	10/25/52 checked engine for annual. checked plugs carb & strainer and exhaust pipes. change oil & clean screen. OK for annual.		
Leopold V. DePoffe A & E 11342											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
12-7-53									Engine checked for Annual pulled oil tank & installed new gasket pulled oil screen. Drained gas strainers changed oil to Gulf 40D. Installed new motor mount. Bulbers cleaned carb air screen cleaned plugs & gapped. Hook up ground wires, paint exhaust pipes, track prep. Engine run up & check idle. Engines OK & directly this date.	Leopold V. DePoffe	
A & E 11342 Luscombe 1398K Bought by K.E. MODLIN JAN. 9 - 1954											
BROUGHT FORWARD											
TOTALS					218 05		218 05				

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
1947											
Sept 19								25			
" 23								50			
" 24								20			
28								40			
Oct 5								1 05			
" 6								15			
" 9								1 00			
" 9								1 18			
" 12								55			
" 12								19			
" 15								25			
BROUGHT FORWARD								66	26		
TOTALS								73	58		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.			
1947											
Oct 18								35	This Engine removed from /		Huscombe
" 19								15	NC 1606 K and installed in		
Sept 19									Huscombe NC 1398 K		
									11-15-48		
									Checked engine and propeller		
									on annual inspection		
									cleaned all screens on		
									engine washed engine down		
									checked rags tightened all		
									bolts and nut on engine		
									checked motor mount and rubber		
									and bolts checked exhaust pipes		
									and muffler engine in		
									accuracy condition		
									Best M. Mahan AB13080		
BROUGHT FORWARD								73	58		
TOTALS								74	48		

ENGINE DESCRIPTION

Mfgr. CONTINENTAL MOTOR CORP	Place INDIANAPOLIS INDIANA	Date
Type	Model A65-8F	Serial No. 5132368
Rated H. P. 65	Maximum H. P. 65	Weight (Dry)
Rated R. P. M. 2300	Maximum R. P. M. 2300	Oil Pressure 38
Bore 3 7/8	Stroke 3 5/8	Displacement Cu. In.
Compression Ratio 6.3	Supercharger Ratio	Gear Ratio
Propeller SENSEN	Hub Design	Hub Serial No. 98262
Blade Design 76 CR 14	Blade Serial No.	Blade Serial No.
Maximum Hub H. P.	Maximum Blade H. P.	
Pitch	Diameter 20 1	Length
Owners Name		City
Address		State

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	Ground	Air	Hours	Min.	Hours	Min.	Hours	Min.				
1-15-46	—	—		10		—		10	Ground Check	H. J. Higgins	271001	
11-15-45	2300	—		10		30		40	Check-flown OK	H. J. Higgins	271861	
<hr style="border: 1px solid blue;"/>												
1947								2 08				
6-28								3 02				
6-29								3 35				
7-1								3 35				
-2								1 10				
-3								2 35				
-4								4 5				
-5								1 00				
-6												
BROUGHT FORWARD												
TOTALS									40			