

3  
ERCOUPE N93285

AMERICAN  
AIRMAN

POWERPLANT LOG  
and MAINTENANCE RECORD

Engine Log

AND MAINTENANCE RECORD

RECORD OF

MAKE CONTINENTAL

MODEL C75-12

SERIAL 1182-6-12

TYPE \_\_\_\_\_

RATED H.P. 75 hp.

RATED R.P.M. \_\_\_\_\_

MAXIMUM H.P. \_\_\_\_\_

MAXIMUM R.P.M. \_\_\_\_\_

WEIGHT (DRY) \_\_\_\_\_

OIL PRESSURE \_\_\_\_\_

COMPRESSION RATIO \_\_\_\_\_

SUPERCHARGER RATIO \_\_\_\_\_

GEAR RATIO \_\_\_\_\_

LA-4 MAGNETO (EISEMANN)

RECORD DATED

FROM JULY 19 63 TO \_\_\_\_\_ 19 \_\_\_\_\_

DETAILING TIME

FROM 630:50 TO \_\_\_\_\_  
hours and minutes hours and minutes

OWNER

Name LESTER S. YOST

Address 125 BOSLER AVE

City LEMOYNE State PA.

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	<input checked="" type="checkbox"/> OPERATIONAL CHECK
Nov 22 1963		PERIODIC Insp completed this date	<input type="checkbox"/> Idle R.P.M.
		Cleaned fuel, air & oil screens, repaired carb air heat box, cleaned & recapped spark plugs, checked magnet points, decised with file & repaired, rebuilt fuel pump installed new oil pressure line from engine to firewall, fabricated new carb heat wrapper, welded new cabin heat flanges on left exhaust stack replaced cabin & carb heat flex ducts. removed GRL checked A.D. Note (AR drive coupling every 100 hrs insp) installed serviceable throttle control, serviced oil tank with (4) qts. Aviation 80 oil.	<input type="checkbox"/> Static R.P.M.
		Totally that this engine has been inspected in accordance with a periodic insp and was determined to be in airworthy condition	<input type="checkbox"/> Right Magneto
			<input type="checkbox"/> Left Magneto
			<input type="checkbox"/> Vacuum
			<input type="checkbox"/> Generator
			<input type="checkbox"/> Oil Press/Torque Press
			<input type="checkbox"/> Oil Temperature
			<input type="checkbox"/> Fuel Press/Fuel Datum
			<input type="checkbox"/> Primer
			<input type="checkbox"/> Carburetor Heat
			<input type="checkbox"/> Carburetor Air Temp.
			<input type="checkbox"/> Cylinder Head Temp/TGT
			<input type="checkbox"/> Mixture Control/W/M
			<input type="checkbox"/> Oil Dilution
			<input type="checkbox"/> Propeller & Controls
			<input type="checkbox"/> Propeller Feather
			<input type="checkbox"/> Hydraulic Pressure
			<input type="checkbox"/> Cabin Heat
			<input type="checkbox"/> Cowl Flaps
			<input type="checkbox"/> Other
		Michael N. Freeman	
		JA 1413888	
		630.50 Brought forward	
		66.15 Since last periodic	
		636.05 Tot. TIME	

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	<input checked="" type="checkbox"/> OPERATIONAL CHECK
2 Jan 65		Completed 100 hour inspection - total time 670:40	<input type="checkbox"/> Idle R.P.M.
		Removed and cleaned engine oil strainer, cleaned gurgolator bowl and carburetor finger screen. Replaced LH Magneto points and Condenser. Cleaned RH Magneto points and checked timing. Replaced all spark plugs and ignitor leads. Changed oil - serviced with ESSO E-80. Inspected generator drive coupling rubber disc in accordance with AD 49-50-1 (old type installed). Propeller checked for balance and blade angle by Sears with Comparator. Repainted generator and LH Magneto. Compression check OK.	<input type="checkbox"/> Static R.P.M.
			<input type="checkbox"/> Right Magneto
			<input type="checkbox"/> Left Magneto
			<input type="checkbox"/> Vacuum
			<input type="checkbox"/> Generator
			<input type="checkbox"/> Oil Press/Torque Press
			<input type="checkbox"/> Oil Temperature
			<input type="checkbox"/> Fuel Press/Fuel Datum
			<input type="checkbox"/> Primer
			<input type="checkbox"/> Carburetor Heat
			<input type="checkbox"/> Carburetor Air Temp.
			<input type="checkbox"/> Cylinder Head Temp/TGT
			<input type="checkbox"/> Mixture Control/W/M
			<input type="checkbox"/> Oil Dilution
			<input type="checkbox"/> Propeller & Controls
			<input type="checkbox"/> Propeller Feather
			<input type="checkbox"/> Hydraulic Pressure
			<input type="checkbox"/> Cabin Heat
			<input type="checkbox"/> Cowl Flaps
			<input type="checkbox"/> Other
		Donald C. Dawson	
		A+P 1593540	



# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
6 MAY 1967		Completed 100 hour inspection - total time 7:55:30 • Removed and Cleaned engine oil strainer. Cleaned • gasolator bowl and Carburetor jets, screen. • Cleaned and serviced Carburetor air filter. • Inspected and Cleaned spark plugs. Changed • engine oil. Inspected generator drive Coupling • rubber disc in accordance with par 1 of • AD 49-50-1. Replaced RH forward engine baffle • bracket. Cylinder Compression Check OK. • • Donald D. Dawson • AIP 1593540	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat
7 May 67		I certify that this engine has been inspected in accordance with an Annual Inspection and found to be Airworthy. • FA 489628 H. P. Schumayer	

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
7 JUNE 1968		Completed 100 hour inspection, total time 8:10:50, time since top overhaul 1:15:50. • Removed and Cleaned engine oil strainer. Cleaned • gasolator bowl and Carburetor jets, screen. Cleaned • and serviced Carburetor air filter. Repaired Carburetor • heat valve shaft bushing. Replaced baffle bungs • brackets #1 and #3 cylinders. Changed engine • oil, serviced with ESSO 20W-40W oil. Inspected • generator drive Coupling rubber disc per AD 49-50-1. • Cylinder Compression Check OK. • • Donald D. Dawson • AIP 1593540	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
7 June 1968		I certify that this engine has been inspected in accordance with an Annual Inspection and was found to be Airworthy. • H. P. Schumayer FA 489628	

2-6-1  
 Size of Num

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED* (indicate which type)	✓ OPERATIONAL CHECK
27 May 74		Call next to last page	
8/19/75	Rec Tach • 155.48 + 850.5 Total • <del>1010.08</del> 1010.08	Annual Insp. oil changed 20/40 AD oil screen insp & cleaned Cyl. compression test #1-80/77 #2-80/78, #3-80/78, #4-80/75, hand carb. insp & clean fuel screens, serviced air filter; checked magneto points & timed mag too eng. Pt 25° Lt. 30° replaced clamp on eng. breather @ air filter insp, starter & generator, eng & cowl washed down eng run up, adj idle speed & mixture 8/19/75 Total time 1010.08 hrs 1145.98 hrs William L. Pinner A & E #1201204 IA	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
*I certify that this <u>Engine</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Date <u>19 Aug. 75</u> Total Time <u>1010.08</u> Signature <u>William L. Pinner</u> A & E #1201204 IA			

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED* (indicate which type)	✓ OPERATIONAL CHECK
9/5/76	Rec. Tach • 180.0 + 855.5 Total • 1035.5	Annual Insp., oil changed 20/40 AD oil screen insp & cleaned, Cyl. compression test #1-80/78, #2-80/78, #3-80/78, #4-80/74 hand carb. insp & clean fuel screens, checked magneto points & external timing, serviced air filter; insp starter & generator eng & cowl washed down, eng run up & ground test OK New Pinner gaskets cyl #2 & 4 9/5/76 Total time 1035.5 hrs William L. Pinner A & E #1201204 IA	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
*I certify that this <u>Engine</u> has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Date <u>5 Sept.</u> Total Time <u>1035.5</u> Signature <u>William L. Pinner</u> A & E #1201204 IA			

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
10/13/77	Reading Tach 210.6 + 855.3 Total 1066.1	Annual Insp. Insp. + clean oil screen Cyl. Compression Test #1-80/73 #2-80/76 #3-80/78 #4-80/78; after installing new exhaust valve P/N-629404 in #4 cyl. Insp. + clean carb. fuel screen, drained carb. bowl, cleaned fuel screen; new exhaust gasket #2 + #4 Cyls, installed new starter band, checked minor nichelose prop blades + checked prop track, Compressed down run up + ground test OK 10/13/77 Totetime 1066.1 Hrs William L. Posner	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
"I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition." Date <u>13 Oct. 77</u> T.T. <u>1066.1 Hrs</u> Signature <u>William L. Posner</u> A & E #1291201 JA			

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
10-20-78	Rec. TACH = 2329.9 + 855.5 = T.T. - 1088.4 hr.	Annual Insp. Clean & re-gap S-plugs. Check Magneto timing & points. Change Oil, Sulf #20-40 Clean fuel & oil screens. Check intake & exhaust systems Clean & service carb. air filter. Dress nicks out 17 Prop blades & check track. Check gen. & starter brushes. Serv. drive inspection per 15049-50-01 due @ 1166.1 hr. Run Compression Check on fuel. #1 = 80/74 #2 = 80/78 #3 = 80/78 #4 = 80/78. Wash down engine & cordless. Ground check OK. Bruce E. Mueller A & E #434224 JA	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
"I certify that this <u>Engine</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition." Date <u>10-20-78</u> T.T. <u>1088.4</u> Signature <u>Bruce E. Mueller</u> A & E #434224 JA			

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
4-1-80	Annual Insp. Rec. Tach - 248.0 + 855.5 = T.T. - 1103.5 hr.	Clean & gap S-plugs. Check mag points. Retune both mags to engine @ L=30° R=28°. Clean fuel & oil lines. Change oil, SAE # 20/40 A-D. Check intake & exhaust systems. Service carb. air filter. Clean smell holes out of prop blades & check track. Check gear & starter brushes & wash down engine & cowling. Ground run up & flight. Check normal.	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowling Flaps <input type="checkbox"/> Other
		• Sum E. Decker A & E #434224 • "I certify that this Engine has been inspected <u>Comp. Check</u> in accordance with <u>Annual</u> inspection and <u>#1 = 80/75</u> was determined to be in airworthy condition." <u>#2 = 80/78</u> Date: <u>4-1-80</u> T.T. <u>1103.5</u> <u>#3 = 80/78</u> Signature: <u>Sum E. Decker</u> A & E #434224 <u>#4 = 80/78</u>	
		• Changed oil Gulf 20-W-40 A.D. • 10/28/80 Tach. Time 261.5 hrs. <u>W.D. Decker</u>	
		• Changed engine oil 4 qts Gulf 20W40 A.D. • 11/25/80 Tach. 281.5 hrs. <u>W.D. Decker</u>	

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	✓ OPERATIONAL CHECK
3/1/81	CHANGED OIL - GULF 20 W 40 A.D.	Inch Time 310.1 Robert Miller	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowling Flaps <input type="checkbox"/> Other
5/7/81	CHANGED OIL - GULF 20 W 40 A.D.	Tach Time 329.8 Robert Miller	
6-6-81	Annual Insp. Tach = 337.3 hr. + 855.5 = T.T. 1192.8 hr.	Clean & gap S-plugs. Check mag points & adjust timing to L=30°, R=28°. Clean fuel & oil lines. Change oil, SAE # 20-40 A-D. Check intake & exhaust systems. Install new L.H. exhaust stack assy. # E 303-001. Clean carb. air filter. Install new drive coupling on generator this C/W # 49-50-01 further insp. no longer required. Repair R side air baffle. New R. side gaskets on #1 & #2 cyles. Repair #1 cyl leaky piston tube. Install new oil pump gasket. Comp. Check: #1 = 80/74, #2 = 80/78, #3 = 80/77, #4 = 80/78. Check starter. New gen. and bearing & seal. Wash down engine & cowling. Check prop track.	
		• I certify that this Engine has been inspected <u>Check A-D</u> in accordance with <u>Annual</u> inspection and <u>81-07-06 by I.D.</u> was determined to be in airworthy condition." <u>I Install Gasket</u> Date: <u>6-6-81</u> T.T. <u>1192.8</u> <u>Screen Kit # E 6650</u> Signature: <u>Sum E. Decker</u> A & E #434224 <u>New Tach Drive</u>	



# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	OPERATIONAL CHECK
8/15/81	CHANGED OIL - GULF 20W 40 AD TACH TIME 357.7	Roller	<input checked="" type="checkbox"/> R.P.M.
11/12/81	CHANGED OIL GULF 20W 40 AD TACH TIME 378.0	Robert Roller	<input type="checkbox"/> Static R.P.M.
4/24/82	CHANGED OIL GULF 20W 40 AD TACH TIME 397.9	Robert Roller	<input type="checkbox"/> Right Magneto
			<input type="checkbox"/> Left Magneto
			<input type="checkbox"/> Vacuum
			<input type="checkbox"/> Generator
			<input type="checkbox"/> Oil Press/Torque Press
			<input type="checkbox"/> Oil Temperature
			<input type="checkbox"/> Fuel Press/Fuel Datum
			<input type="checkbox"/> Primer
			<input type="checkbox"/> Carburetor Heat
			<input type="checkbox"/> Carburetor Air Temp.
			<input type="checkbox"/> Cylinder Head Temp/TGT
			<input type="checkbox"/> Mixture Control/W/M
			<input type="checkbox"/> Oil Dilution
			<input type="checkbox"/> Propeller & Controls
			<input type="checkbox"/> Propeller Feather
			<input type="checkbox"/> Hydraulic Pressure
			<input type="checkbox"/> Cabin Heat
			<input type="checkbox"/> Cowl Flaps
			<input type="checkbox"/> Other
		<b>ENGINE &amp; PROPELLER</b>	
		I CERTIFY AS OF THIS DATE THAT THIS ENGINE & PROPELLER	
		HAS BEEN INSPECTED IN ACCORDANCE WITH <u>ANNUAL</u>	
		INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY	
		CONDITION. TOTAL TIME <u>1261</u> TACH TIME <u>105</u>	
		<u>W. D. Durick ACP 1261</u>	
8/1/82	CHANGED OIL GULF 20W 40 AD TACH TIME 422.1	Roller	<input type="checkbox"/>
2/13/83	CHANGED OIL GULF 20W 40 AD TACH TIME 442.9	Roller	<input type="checkbox"/>
3/20/83	CLEANED AND SET PLUGS TACH TIME 446.3	Roller	<input type="checkbox"/>
10/16/83	CHANGED OIL GULF 20W 40 AD TACH TIME 461.6		<input type="checkbox"/>
	CLEANED OIL SCREEN DEGREASED ENGINE	Roller	<input type="checkbox"/>

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	OPERATIONAL CHECK
6-19-83		Fix leak at left mag, new gasket, rotor & points installed. Right mag new coil points & condenser installed. Both mags retained - carb. float readjusted cleaned and readjusted - Fix oil leak at push rod tube on #1 cyl. - Installed new plugs in top of all cyl. Top plugs rotated to bottom compression check 75/90 & better all cylinders - Run-up good.	<input type="checkbox"/> R.P.M.
			<input type="checkbox"/> Static R.P.M.
			<input type="checkbox"/> Right Magneto
			<input type="checkbox"/> Left Magneto
			<input type="checkbox"/> Vacuum
			<input type="checkbox"/> Generator
			<input type="checkbox"/> Oil Press/Torque Press
			<input type="checkbox"/> Oil Temperature
			<input type="checkbox"/> Fuel Press/Fuel Datum
			<input type="checkbox"/> Primer
			<input type="checkbox"/> Carburetor Heat
			<input type="checkbox"/> Carburetor Air Temp.
			<input type="checkbox"/> Cylinder Head Temp/TGT
			<input type="checkbox"/> Mixture Control/W/M
			<input type="checkbox"/> Oil Dilution
			<input type="checkbox"/> Propeller & Controls
			<input type="checkbox"/> Propeller Feather
			<input type="checkbox"/> Hydraulic Pressure
			<input type="checkbox"/> Cabin Heat
			<input type="checkbox"/> Cowl Flaps
			<input type="checkbox"/> Other
		Total Time Engine <u>1317.6</u> Tach <u>461.6</u>	
		I certify that this <u>Engine</u> has been inspected	
		in accordance with <u>ANNUAL</u> inspection and was	
		determined to be in airworthy condition.	
		Date <u>6-19-83</u> <u>J. Butler</u> # <u>2361580</u> #	



## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	OPERATIONAL CHECK
May 25/1985		I certify that this Aircraft Engine has been inspected in accordance with an annual inspection and has been determined to be in airworthy condition. Gregory E. Lester Date 5/25/85 Tach time 4731 Total time 1329	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Hoses <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input checked="" type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps
6/5/87		Changed oil & cleaned all filters. Cleaned & gaped plugs Cyl comp 1 22/80 2 74/80 3 20/50 4 70/80 Removed cyl 3 and repaired Ex valve new gasket and piston rings used. Removed cov and cleaned and adj float.	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Hoses <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input checked="" type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps

## 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

DATE	POWERPLANT RECORDING TOTAL TIME TACH READING	DESCRIPTION OF INSPECTION PERFORMED (indicate which type)	OPERATIONAL CHECK
		I certify that this Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be found in airworthy condition. Date <u>10/20/86</u> Gregory E. Teeter Time <u>487</u> A&P 215586584 IA <del>Gregory E. Lester</del>	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other
Oct 1, 1987	TACH TIME 513.24 TTENG 1368.9	Check track of prop & found prop out. Crankshaft runout .001. Check prop nut assembly and found nut 019 out of round. Remove nut for repairs. Replace needle valve & seat. Replace bottom bowl. Reinstall and adjust carb and run to set idle speed & mixture. Retorque all rocker cover screws. Wash engine and cowling. Gregory E. Lester	<input type="checkbox"/> Idle R.P.M. <input type="checkbox"/> Static R.P.M. <input type="checkbox"/> Right Magneto <input type="checkbox"/> Left Magneto <input type="checkbox"/> Vacuum <input type="checkbox"/> Generator <input type="checkbox"/> Oil Press/Torque Press <input type="checkbox"/> Oil Temperature <input type="checkbox"/> Fuel Press/Fuel Datum <input type="checkbox"/> Primer <input type="checkbox"/> Carburetor Heat <input type="checkbox"/> Carburetor Air Temp. <input type="checkbox"/> Cylinder Head Temp/TGT <input type="checkbox"/> Mixture Control/W/M <input type="checkbox"/> Oil Dilution <input type="checkbox"/> Propeller & Controls <input type="checkbox"/> Propeller Feather <input type="checkbox"/> Hydraulic Pressure <input type="checkbox"/> Cabin Heat <input type="checkbox"/> Cowl Flaps <input type="checkbox"/> Other

**SKY TECH, INC.**  
 G.L.M. STATE AIRPORT  
 REPAIR STATION #121-48  
 BALTIMORE, MD. 21220

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

POWERPLANT RECORDING  
DATE TOTAL TIME TACH READING

DESCRIPTION OF INSPECTION PERFORMED  
(indicate which type)

OPERATIONAL CH

May 12, 1988 • TACH TIME 526.69 • ITENG 1382.23  
 Completed annual on this date. Oil changed & screens cleaned  
 Install new induction air filter as per AD 84-26-2. Remove #1  
 cylinder for repairs. Replace exhaust valve and air filter. Replace  
 both guides. Replace nuts and venturi valve. Blage bore cylinders.  
 Clean & inspect cylinders & piston. Reinstall cylinder with all new  
 gaskets and seals. Remove starter for new clutch drive oil  
 seal. 2/11 AD 86-72-9 by installation of new fittings and hoses  
 for carb fuel bowl and generator. Clean all fuel screens. CW  
 AD 81-7-C by inspection and cleaning of fuel pump screen & timing  
 Rig carb heat control. Replace oil pressure line from engine  
 to fuselage. Tighten terminal studs on generator and repair  
 shield wiring. Check timing. Remove both mag. hot points.  
 Replace main gaskets and intakes both mag to engine. Clean up  
 and test all guide plugs and check harness. Take all repairs into  
 inspect starter, generator - engine mount. Wash engine and cowling  
 All items removed and checked as per last inspection form. All AD  
 notes checked to 88-7. W.O. STRE. COMP. TEST

- Idle R.P.M.
- Static R.P.M.
- Right Magneto
- Left Magneto
- Vacuum
- Generator
- Oil Press/Torque Pres
- Oil Temperature
- Fuel Press/Fuel Datum
- Primer
- Carburetor Heat
- Carburetor Air Temp.
- Cylinder Head Temp/T
- Mixture Control/W/M
- Oil Dilution
- Propeller & Controls
- Propeller Feather
- Hydraulic Pressure

I CERTIFY THAT THIS AIRCRAFT HAS BEEN  
 INSPECTED IN ACCORDANCE WITH A  
 Annual INSPECTION AND WAS DETER-  
 MINED TO BE IN AIRWORTHY CONDITION.

#1	#2	#3	#4	#5	#6
73	76	76	70	X	X
80	80	80	80	80	80

SKY TECH, INC.  
 G.L.M. STATE AIRPORT  
 REPAIR STATION 121-48  
 BALTIMORE, MD. 21220

Anthony Weiss Firm

# 50 hour, 100 hour and PERIODIC INSPECTIONS (POWERPLANT)

POWERPLANT RECORDING  
DATE TOTAL TIME TACH READING

DESCRIPTION OF INSPECTION PERFORMED  
(indicate which type)

OPERATIONAL CHECK

May 11-1990 • Compression OK • Avg 77% average  
 Clean Fuel System • Rep: [Signature] JA 2155798

May 11 1990 • TOTAL TIME 1402.55 TACH HEADS 54781

I CERTIFY THIS [Signature] HAS BEEN INSPECTED IN ACCORD  
 ANCE WITH A [Signature] INSPECTION AND WAS DE-  
 TERMINED TO BE IN AIRWORTHY CONDITION.

Rep: [Signature] JA 2155798

- Idle R.P.M.
- Static R.P.M.
- Right Magneto
- Left Magneto
- Vacuum
- Generator
- Oil Press/Torque Press
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- Carburetor Heat
- Carburetor Air Temp.
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- Mixture Control/W/M
- Oil Dilution
- Propeller & Controls
- Propeller Feather
- Hydraulic Pressure
- Cabin Heat
- Cowl Flaps
- Other

