

ENGINE LOG

36716



ENGINE DESCRIPTION

Manufacturer:

Serial No.

L-5452 Lot A

LYCOMING - WILLIAMSPORT, PENNA.

Horsepower:

300

Model:

TIO. 540-5/AD

FAA T. C. No.

154

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

[illegible]

COMPLIANCE WITH SERVICE BULLETINS ON ENGINE AND ENGINE ACCESSORIES

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
DATE <u>DEC 21 1978</u> TAGH		35		CHANGED OIL AND OIL FILTER.
OIL CHANGE 80 W SHAN <u>COMP.</u> UNCOMP.				SHAN 80 W COMPOUNDED, +CHAMPION
REDWOOD AVIATION				SPIN ON OIL FILTER - WASH ENGINE.
Santa Rosa, Calif. Tel. 546-5546				K.L. Chesten AF P 144174
7/11/79			091.73	oil changed - 12 qts - 50wt - X-C
Total To Carry Forward				

and Remarks

Signature

Certificate No.

DATE JUNE 5-79 TACH 50.8
 OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL
 SYSTEM CLEANED, MAG TIMING AND COMPRESSION
 CHECKED, MAGNETO CLEANED OPERATIONAL RUN UP
 I certify that this engine has been inspected in ac-
 cordance with a ~~100~~ annual inspection and was
 determined to be airworthy.

AI 1313 703 *Joe Ross*
 REDWOOD AVIATION • SANTA ROSA, CALIF.

SHELL 50 W

CHAMP. FILTER

CLEAN FUEL SYSTEM

CLEAN NOZZLES, SBT

FUEL PRESSURE TO SPBC.

DIFFERENTIAL COMPRESSION TEST					
#1	#2	#3	#4	#5	#6
60	80	60	80	60	60
75	75	75	75	75	75

Redwood

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7/20/79	Brought Forward →	127.90		changed oil - 12 qts - ^{multi} X-C
8-9-79		150		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. JAMES S. KEPPORD A&P 1207820 JA
				cleared & gapped plugs
9-7-79		206		
10/3/79		244 ⁹⁶		Replaced fuel injectors
				changed oil - 10 qts - 50W T.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Compression #1-6 #2-12 #3-6 #4-11 #5-5 #6-12%, changed Oil Filter, Replaced Complete ignition harness checked Valve timing, Adjusted Idle mixture & speed worked Engine, as ct. OK. Cir AD 74-12-3 James L. Bedford HoP 1807820	PE Jackson	
Same James L. Bedford HoP 1807820	Indivisible	RSA 10E02 S/N 71434 Basic 2524790-A PLN 2524791-2

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
11/1/79			273 ⁷⁷	11 qts X-C changed oil
11-6-79		274	242	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH A 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. JAMES S. KERTLAND AEP 180,000 IA
		Good to 350 (TACN) Good to 300 (HOBBS)		hose, Adjusted prop
11-12-79		291	246	Replaced starter,
Total To Carry Forward				

and Remarks

Signature

Certificate No.

[Signature]

Compression #1-10% #2-15% #3-10% #4-10% #5-10% #6-10%

changed filter cleaned and greased plugs, repaired
fuel oil tank, #6 Exhaust stack, repositioned heater
Receiver Retorqued tach drive, washed Eng. oil tank

James S. Bayford R-P 1807820

James S. Bayford R-P 1807820

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-17-79	Brought Forward →		330	oil changed - 10 qts & ^{SMALL} 50W
1-10-80			276 Hobbs	CW AD 79-18-6
				"K" after serial number,
2-11-80		355	300	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH A 100 hr. ^{Compe} INSPECTION AND WAS DETERMINED ^{Fitter,} TO BE IN AIRWORTHY CONDITION. JAMES S. KEPTORD AEP 1007820-1A
				timing, washed Engine
				lubed Controls, ep ck
Total To Carry Forward				

and Remarks	Signature	Certificate No.
	B. K. Muthler	EXP 7/81 22831820 CFS
Area A, C, SL 605 Part 1 Method II, stamped #1-5, A, B, C, James S. Kippford A/P 1807820		
#1-14% #2-15% #3-11% #4-14 #5-15% #6-10, Replaced 2 loose gapped plugs, Replaced #1, 4, 6 intakeaskets repositioned L H bank Exhaust seal, checked mag cleared fuel screen, checked heater, washed Engine etc		
	James S. Kippford A/P 1807820	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3/20/81	Brought Forward →	404.10	345.5	changed oil - 50WT STD - 10 qts
5-21-80		456	311	Replaced transition
				J Lycoming SB448
				✓
6-17-80		471	405	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH <u>Manual</u> INSPECTION AND IS DEEMED TO BE IN AIRWORTHY CONDITION. JAMES S. KETTER - APT 1807020 IN
				Alternator belt new
				Lo-Ker ARM inspection
				Washed Engine Op ex
Total To Carry Forward				

and Remarks

Signature

Certificate No.

K. M. Muehle

24858220

check gate IAW. Piper SB675

James L. Zapp
Asst 1007820

Compression #1-12% #2-12% #3-11% #4-12% #5-14% #6-12%

Adjusted Idle speed, torqued loose fuel pressure fitting
fuel control, welded #6 exhaust stack, tightened
spark plugs on order, CW Note 10 on Inspection sheet
changed Oil & Filter check fuel screen, check Mag timing

James L. Zapp
Asst 1007820 FA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
6-18-80		471		Replaced all spark
12-26-80	TACH	466.77 540		comp. check #1 ⁸⁹ / ₇₇ #2
1/29/81	Hobbs	484.0		Change oil Aero
2/19/81	Hobbs	484.4 TACH 562.4/		A&R ALT. with Air Borne
3-4-81	HOBBS	505		100 hr. insp changed oil
				THROTTLE & waste gate cont
				insp 1AW A 100 hr.
Total To Carry Forward				

Maintenance	Remarks	Signature	Certificate No.
L spark plug		James S. Dyke	ADP 1107122
R #1 80-17-4	#3 80-17-1 #4 80-17-5 #5 80-17-6 #6 80-17-9 RT		Reman 1A1439957
Aero	50W.	D. Campbell	ADP 546319434
With Airframe	Part 638 maintenance release in back of log book.	D. Campbell	546319434
changed	oil filter, ck comp, Timing, plugs		clw 80-17-10
ste gate	AD 80-17-4 pcw. I certify that this engine has been		
100 hr.	and is approved for return to service		
		RT	Reman 1A1439857

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
11 JUNE 81	TACH: 560.4	HOLBS	R & R	ALTERNATOR UNIT. - TEST Rdn
July 2, 1981	TACH	649.4	649.4	Changed engine oil Service eng with q/s C/W AD Notes 78, 09-07 TAW Bendix S/B 605A timing and set Compression 1. 7/80
Total To Carry Forward				

Maintenance	and Remarks	Signature	Certificate No.
EVATOR ST Row	WITH AIRBORNE REBUILT OK - Henry J. Stewart SEP 30 1940		
Engine oil y with 9/5 Notes 78.09-5 dex S/B 605A and set ion 1. 77/80	Replaced oil filler element. Cleaned gap spark plugs. SAW Bendix S/B 599A, AD 80-17-14 Bents 2, 4 & 5. Adjusted Mag internal to proper eng. timing. Diff. 2. 75/80 3. 78/80 4. 76/80 5. 78/80 6. 75/80		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Cont.	Brought Forward →			I certify that this
				accordance with
				was determine to be
				Approved for return
8-31-81	^{TACH} 676.5	— 676.5		REPLACED TURBO
Total To Carry Forward				

Maintenance

and Remarks

Signature

Certificate No.

that the engine has been insp in
ice with an Annual insp and
determine to be in airworthy condition.
for return service.

Ronald K Beard

ATP 2161884 IA

TURBO MOUNT. FUEL & LEAK CHECK OK C. Chase ATP 530442104

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Date <u>8-26-82</u> Total Aircraft Time <u>7704</u> I certify this <u>ENG</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition. Signature <u>R. A. [Signature]</u> A&P No. <u>20146981P</u>			
<u>82-11-05</u>	<u>C/W BENDIX S/B 617 REPLACED</u> <u>DIST GEARS</u>			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

1-10-84

TACH 856.D1

I CERTIFY THIS ENB. HAS BEEN
INSPECTED IAW A 100HR INSPECTION
AND WAS DETERMINED TO BE IN
AIR WORTHY CONDITION

R L W

20146981A

2-13-84 tach 905 changed oil & filter
serviced with Aeroshell 50 AD oil

J. J. J.
AHP 1938116

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-18-84	Brought Forward →		956.95	Change oil & oil filter Replaced 12 qt. Aeroshell 50 wt. Judy Johnson AP 58629995
01-07-84		1006.40		changed oil & filter, ok screen. Replaced #2 Bottom lead. Reserviced with aeroshell 50 wt oil & Torque HP1938116. Cleaned & re-gapped all plugs
Total To Carry Forward				

and Remarks

Signature

Certificate No.

22-95 1028.4 Total Time 100hr inspection completed -
 Compression Check #1 $\frac{74}{80}$ #2 $\frac{74}{80}$ #3 $\frac{74}{80}$ #4 $\frac{72}{80}$ #5 $\frac{76}{80}$ #6 $\frac{72}{80}$
 Clean injectors - fuel nozzles cleaned - Replaced
 spark plugs - Check magneto timing - Replaced air
 filter No 560-747 AD 84-26-02 % - ^{Service prop.} _{ins prop.}
 inspect exhaust system - Replace wastegate control cable -
 Replace intake gasket #1 #3 #2 & #4 & valve cover gaskets
 Replace Alcon FGT lead No 42504 - Cleaned engine &
 Check engine accessories & controls for security,
 adjustment & operation - End -

I certify this aircraft has been
 inspected in accordance with 100hr
 inspection and was determined to be in air-
 worthy condition.

Total Time

1028 Jay Johnson
 AP535629795

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4/24			1046.6	Changed oil & oil filter. Replaced 2 qt. Acroskell 50wt Jerry Johnson AP 585629795
7-24-85				Changed oil & filter. Resericed with Acroskell 50 AD oil
T.T. 1109				Tomme AP 1938116
Total To Carry Forward				

and Remarks

Signature

Certificate No.

11-85 Tach 1155 Changed oil & filter. Reserviced
with Amershell 50 AD oil. J. Brumme ADP1938116

2-4-86 - 1169 tach time - Top overhaul of engine completed in
accordance with Lycoming Overhaul Manual - Replace following
items (intake & exhaust guides, intake & exhaust valves, valve
seals, piston rings, 2 intake valve caps, 3 exhaust valve caps,
wash & gaskets) - Pistons & cylinders cleaned & checked & within
serviceable limits - Replace oil filter & service engine with
5qt Texaco non detergent mineral oil SAE 50 - cleaned
injectors - clean, gap & check spark plugs - check magnets - cont

BENDIX

Mfg.

Part No.

10-684607-102

Serial No.

6020107

AE No.

2429D

Model

100-D19-15

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under:

Order No. 10518

Date

FEB 5 1986

Signed:

Thomas Russell

P. O. Box 273 205/227-4327 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U. S. A.

**ELECTROSYSTEMS, INC.**

F. A. A. APPROVED REPAIR STATION NO. 3779

*control for security, attachment & operation - Test flight
& return to service - End*

I certify this engine has been
inspected in accordance with 100 hr
inspection and was determined to be in air-
worthy condition.

Total Time

1169

Total To
Carry Forward



Jerry Johnson
AP585629795

and Remarks

Signature

Certificate No.

2-20-87 Tech 1299 - 100 hour inspection completed - compression
#1 $\frac{68}{80}$ #2 $\frac{72}{80}$ #3 $\frac{76}{80}$ #4 $\frac{68}{80}$ #5 $\frac{72}{80}$ #6 $\frac{72}{80}$ - changed

Oil filter - obtain oil sample - replace 12 pts
worth 100 - fuel screens cleaned - Replaced spark
plug - check Magneto timing - serviced & checked
air filter - Bers prop - check exhaust system - Remove
water & turn armature - remove wastegate, clean, de warp
adjust - Replace alternate air cable - Cleaned engine & cowling -
check engine accessories & controls for security, attachment & operation

I certify this aircraft has been
inspected in accordance with ^{engine} 100 hour
inspection and was determined to be in air
worthy condition.

Total Time 1299 Jerry Johnson AP 585629795

Mfg. **PRESTOLITE** Part No. **MZ4222R**
Serial No. **5100772** AE No. **2041**
Model _____

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station under:

Order No. **9706** Date **OCT 28 1985**

Signed: *Thomas Russell*

P. O. Box 273 205/227-4327 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U. S. A.



ELECTROSYSTEMS, INC.

F. A. A. APPROVED REPAIR STATION NO. 3779

tenance

Palace

10385679795

*10-13-87 1347.8 tach - Change oil & oil filter - Replace
12 qt Aeroshell 100 & 1 CH48103 oil filter - End Day [Signature]
10385679795*

Total To
Carry Forward

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-7-88	Brought Forward →		1384.51	Charged oil & filter
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Replaced with 12QT Amal 100
4/8/03 filter, J. J. J.

3-12-88 Tach 1392.8

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

Signed Legat J. J. J. IA 1616250

g) installed new cyl head temp sending unit.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →		1485.46	CHANGING OIL & FILTER
	12 QTS	ARRO54846	100 & CHAMBER 48103	
				<i>[Signature]</i>
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since <i>Major</i>		
3-22-89	Brought Forward →	1550	1550	Replaced vacuum pump
Total To				

Maintenance

and Remarks

Signature

Certificate No.

in fmg

w/o #4788 Dallas Aviation

4-15-89 Tach 1569.8

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

Signed

Walter T. Long IA 1616250

oil and filter changed

replaced rod ends on waste control & throttle.

cleaned low pressure oil screen.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	5-1-90 Tach 1629.7 I certify that this <u>Engine</u> has been Inspected in accordance with a <u>100hr</u> inspection and was determined to be in air- worthy condition. Signed <u>Ref. Long JA1616250</u>			
5-1-90	Tach 1629.7			
	Replaced #2 cylinder, installed in/A/W Lyncan overhaul manual, changed oil and filter. C/W AD 89-12-04 Replaced cross over ^{xh} pipe, installed New pipe # 16103, # 16102 and L W 15811 intermediate ^{xh} pipe Ref. Long AA1616250			
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10-8-90			1678.2	CHANGED OIL w/17
Total To Carry Forward				

and Remarks

Signature

Certificate No.

PT AFD09462 100 @ FICTED

[Signature]

Back Time 1731.0 Total Time 1731.0

June 1991 Performed ANNUAL inspection in accordance

with Roper Checklist. Compression #1 $7\frac{3}{8}$ #2 $7\frac{5}{8}$ #3 $7\frac{5}{8}$ #4 $7\frac{5}{8}$

#5 $7\frac{5}{8}$ #6 $7\frac{7}{8}$ Drained Oil and Refilled with Aeroshell 100W, Replaced

Oil Filter, Cleaned Suction Screen, Cleaned Inlet Fuel Screen, Removed Magneto Cleaned

and Adjusted Points and C/W AD 78-09-07R3 Bendix Impulse Due in 500hrs.

and Adjusted Spark Plugs, Adjusted Mag Timing, Cleaned and Lubed

Water Gate Actuator, Current Status of AD Compliance Marked Found in

Front of This Log Book. I Certify that this Engine was inspected

in accordance with a ANNUAL inspection and was determined to

be in Airworthy Condition. William R. Gay^{SR} AFD520609469 I.A.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	1800 HRTAKH	10-11-91	
	Changed oil & filter ^{only} Serviced Eng ts			
	Aeroshell 100-50wt oil test run &			
	checked filter for leaks William Howell			
	Avt 504-148950			
Total To Carry Forward				

12-15-92

TACH. Time 1988.0 TSMO."O"

ENGINE REMOVED FROM AIRCRAFT FOR OVERHAUL
DISASSEMBLED-CRANKSHAFT CLEANED/MAGNAFLUXED
POLISHED/AND INSPECTED/A/D 91-14-22 COMPLIED
WITH.COUNTERWEIGHTS REMOVED-ALL NEW BUSHINGS
PINS, PLATES, AND CLIPS REPLACED NEW.CRANKSHAFT
REASSEMBLED AND BALANCED. CONNECTING RODS
REBUSHED, RESIZED, AND CHECKED FOR TWIST-CAM
SHAFT REGRIND PER SPECS.ALL LIFTERS REPLACED
NEW-CRANKCASE CLEANED AND DYE PEN INSPECTED
FOR CRACKS NO CRACKS FOUND. ALL CYLINDERS
GRIND .010 OVERSIZE NEW SEATS AND GUIDES
ALL VALVES REPLACED NEW/VALVE KEEPERS AND
SPRINGS REPLACED AS REQUIRED. EXHAUST PORTS
REFACED NEW STUDS INSTALLED.OIL PUMP REPLACED
NEW,ALL PISTONS AND RINGSREPLACED NEW/MAIN
AND ROD BEARINGS NEW PUSH RODS INSTALLED
AS REQUIRED FOR PROPER ROCKER/VALVE CLEARANCE
ALL GASKETS AND SEALS REPLACED NEW. TURBO AND
CONTROLLER/WASTE GATE OVERHAULED-FUEL SYSTEM
OVERHAULED AND REPAIRED BY WESTSTAR AVIATION
ASSEMBLED I/A/W LYCOMING SERVICE MANUAL.

Phoenix
Aviation
Inc.

Kevin L. Udenberg
A+P473667701

and Remarks	Signature	Certificate No.
Engine Ground Run up-ALL Lines AND Settings CHECKED FOR SECURITY - MINERAL oil 20-50 Phillips USED IN BREAK IN - ALL Engine instruments function Satisfactory - A/C test flown - ALL Systems Satisfactory - Five Hours FLIGHT Time put on Engine ALL Temps NORMAL - oil Consumption NORMAL -		
Tach. Time <u>1993.0</u> Date <u>12-15-92</u>		
I certify that this <u>Engine</u> has been inspected in accordance with c. <u>ANNUAL</u> inspection and determined to be in an airworthy condition.		
<u>Kevin L. Udenberg</u>	Kevin L. Udenberg IA 473667701	<u>I + A473667701</u>

TT 2051.57

=DATE: 9/7/93

=Cylinders removed from engine-all cylinders exchanged with
-Firewall Forward. Fuel system, fuel control, fuel pump and
+injectors sent to Casper Air Services for inspection and set up.
-Reassembled I/A/W Lycoming service manual. Magneto removed-
-replaced distributor block and bearing assembly-reinstalled and
timed to engine. Engine run up-checked for leaks-engine break-in
(procedures per Lycoming service manual and Lycoming service reps.
Oil changed after test flight: #50 AeroShell non-detergent used.
Σ filter changed.

Kevin L. Winkler
I+A477667701 ATP

PHOENIX AVIATION
3300 Airport Road - Bldg. H
Boulder, CO 80301

MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

DATE 12-15-93 TOTAL TIME 2080.92
HOBBS TIME _____ N 36716

icate No.

Tach 2080.92

100 hr. inspection completed this date. Changed oil & filter.
Serviced with 12 qts. Aeroshell 15W50, found no metal in old filter.
Compression checked #1 74/80 #2 76/80 #3 78/80 #4 78/80
#5 76/80 #6 72/80. Cleaned, gapped, tested & rotated spark plugs.
Checked ignition leads, lubed controls, cleaned fuel screen, dressed
and painted prop. Replaced air induction filter. Replaced left
magneto with new P/N 10-382560 S/N 20754 AD 78-09-07R3 (Impulse
coupling) next due at 2580 hrs. Removed right mag., replaced
carbon brush, washer and points adjusted points and internal
timing, reinstalled on eng. Timed both mags to specs. C/W 90-02-23
(Hub cracks) IAW Hartzell SB 164 no cracks detected, next due in
50 hrs. or 50 flights. C/W AD 93-05-22 (fuel injection lines)
IAW Lyc. SB 32/2 A by replacing all lines and clamps. C/W
AD 91-21-01 (Lyc. exhaust system) IAW Lyc. SB 499B. Replaced exhaust
stack after repair (yellow tag attached) Run-up and leak check ok.
Further details on W.O. # 22330

DATE 12-15-93 TOTAL TIME 2080.92
I CERTIFY THIS engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 hr.
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.
FOR DETAILS SEE W/O 22330

AUTHORIZED SIGNATURE Michael Koenig
MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

ENGINE LOG

MODERN AERO, INC.

14801 PIONEER TRAIL

EDEN PRAIRIE, MN 55347

Maintenance

Date	Engine Time		Recorder Reading
	This Date	Since Major	
1-21-94	Brought Forward	Tach 2100:8	Changed oil + filter with Pats Aeroshell 15W-50 oil - No metal detected in filter. Run-up SATISFACTORY. See Outline A/P 475804417 See WO # 22464 for details. Replaced two broken plastic tubes.
5-13-94	Tach 2142:00	Changed oil + filter with Aeroshell 15W-50 oil - No metal detected in filter. Run-up SATISFACTORY. Refer WO # 22779 See Outline.	
		MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347	FAA APPROVED REPAIR STATION MZER 198L
Total To Carry Forward			

ENGINE LOG



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 1-6-95 N 36716
TIME 2240.07

FAA APPROVED REPAIR STATION MZER198L

100 HOUR INSPECTION COMPLETED THIS DATE. CHANGED OIL & FILTER. SERVICED W/12 QTS AEROSHELL 15W50. NO METAL IN OLD FILTER. COMPRESSION CHECKED: #1-67/80, #2-75/80, #3-78/80, #4-77/80, #5-76/80, #6-76/80. INSTALLED ALL NEW SPARK PLUGS. REPLACED INDUCTION AIR FILTER. MAGNETO TIMING GOOD AT 20 DEGREES. COMPLIED W/AD 90-02-23 HUB CRACK. IN ACCORDANCE WITH HARTZELL SB 164 NO CRACKS DETECTED, NEXT DUE IN 50 HOURS OR 50 FLIGHTS. COMPLIED W/AD 93-05-22 FUEL INJECTION LINES - IN ACCORDANCE W/LYCOMING SB 342B. ALL LINES, CLAMPS, & FITTINGS IN GOOD CONDITION, NEXT DUE AT 100 HR INSPECTION, ANNUAL, INJECTOR LINE REMOVAL OR ENGINE OVERHAUL. REMOVED EXHAUST WASTEGATE & EXHAUST RISERS & SEND IN FOR REPAIR AT AEROSPACE WELDERS. RE-INSTALL AFTER REPAIR. SEE ATTACH YELLOW TAGS & WORK ORDERS. RUN-UP CHECK SATISFACTORY. WO# 23427.

DATE 1/6/95 TOTAL TIME 2240.07
I CERTIFY THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A 103 Hr
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION
FOR DETAILS SEE W/O 23427

AUTHORIZED SIGNATURE Bradley M. White
MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

Total To
Carry Forward

ENGINE LOG



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 1-6-95 N 36716
TIME 2240.07

FAA APPROVED REPAIR STATION MZER198L

100 HOUR INSPECTION COMPLETED THIS DATE. CHANGED OIL & FILTER. SERVICED W/12 QTS AEROSHELL 15W50. NO METAL IN OLD FILTER. COMPRESSION CHECKED: #1-67/80, #2-75/80, #3-78/80, #4-77/80, #5-76/80, #6-76/80. INSTALLED ALL NEW SPARK PLUGS. REPLACED INDUCTION AIR FILTER. MAGNETO TIMING GOOD AT 20 DEGREES. COMPLIED W/AD 90-02-23 HUB CRACK. IN ACCORDANCE WITH HARTZELL SB 164 NO CRACKS DETECTED, NEXT DUE IN 50 HOURS OR 50 FLIGHTS. COMPLIED W/AD 93-05-22 FUEL INJECTION LINES - IN ACCORDANCE W/LYCOMING SB 342B. ALL LINES, CLAMPS, & FITTINGS IN GOOD CONDITION, NEXT DUE AT 100 HR INSPECTION, ANNUAL, INJECTOR LINE REMOVAL OR ENGINE OVERHAUL. REMOVED EXHAUST WASTEGATE & EXHAUST RISERS & SEND IN FOR REPAIR AT AEROSPACE WELDERS. RE-INSTALL AFTER REPAIR. SEE ATTACH YELLOW TAGS & WORK ORDERS. RUN-UP CHECK SATISFACTORY, WO# 23427.

DATE 1/6/95 TOTAL TIME 2240.07
I CERTIFY THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 Hr
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.

FOR DETAILS SEE W/O 23427

AUTHORIZED SIGNATURE Bradley M. White

MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

Total To
Carry Forward





MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

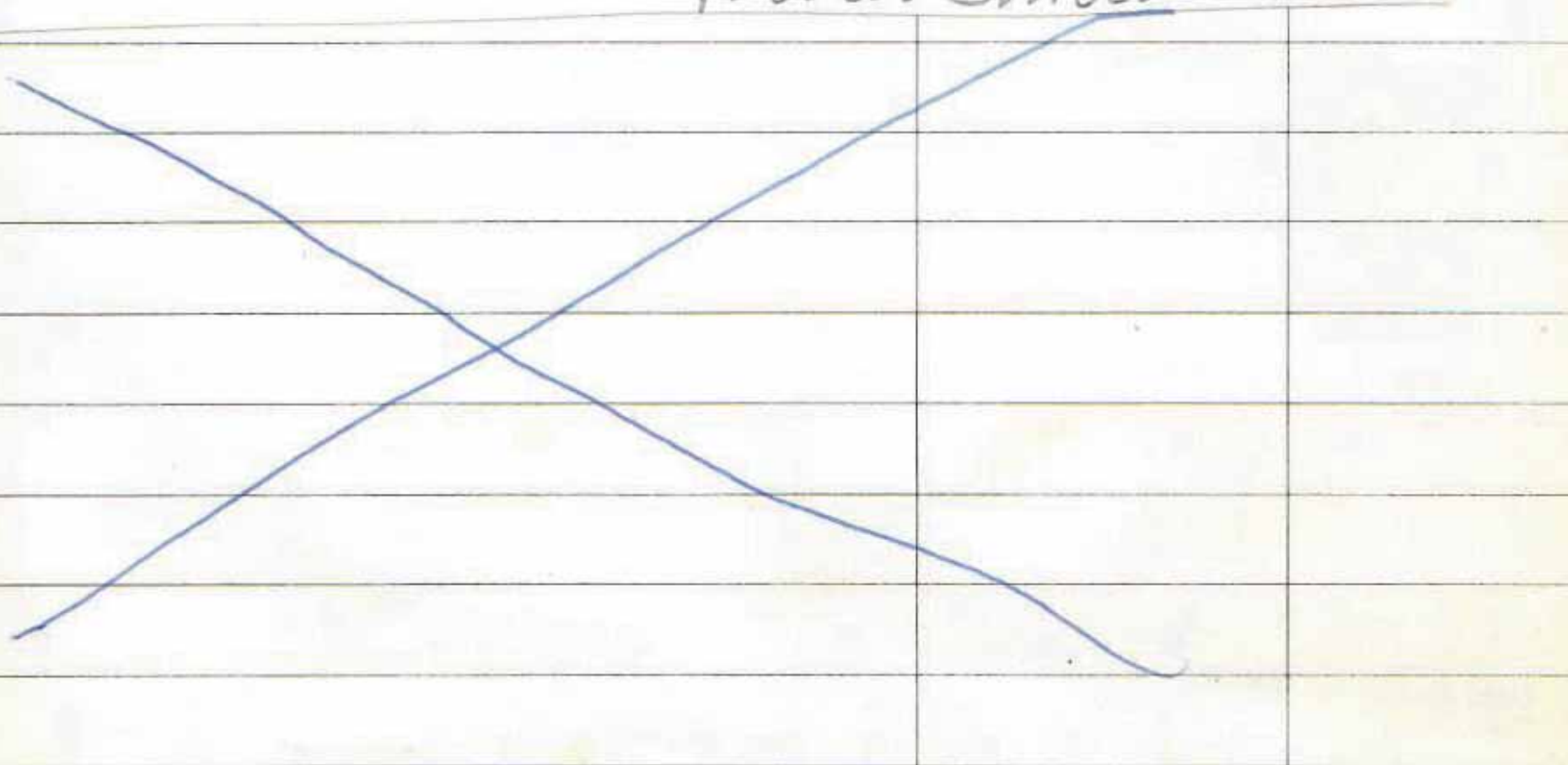
FAA APPROVED REPAIR STATION MZER198L

DATE 7-31-95 36712
TIME Tach^N 2324.89

re No.

CHANGED OIL AND FILTER WITH 12 QUARTS AEROSHELL 15W50 AND CHAMPION CH 48103.
CUT FILTER NO METAL DETECTED. RUN UP AND ~~W~~ CHECK SATISFACTORY. WORK NUMBER
34013

Richard Molitor



ENGINE LOG



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 11-8-95 N 2331
TIME 36716

once

FAA APPROVED REPAIR STATION MZER198L

COMPLETED 100 HOUR INSPECTION ON THIS DATE. NO OIL CHANGE. ADJUSTED MAG
TIMING TO 20 DEGREES. COMPRESSION RECORD: #1-55/80, #2-73/80, #3-79/80,
#4-78/80, #5-73/80, #6-74/80. CLEANED, GAPPED & ROTATED PLUGS, IGNITION LEADS
TESTED OK. CLEANED FUEL INLET SCREEN. FILED & PAINTED PROP. REPLACED INDUCTION
AIR FILTER. COMPLIED WITH AD 93-05-22 INJECTION LINES. NO DEFECTS NOTED, NEXT
DUE TACHG 2431. COMPLIED WITH AD 90-02-23 HUB CRACKS, NO CRACKS FOUND, NEXT
DUE TACH ~~2381~~ 2381. GENERAL INSPECTION. RUN-UP & LEAK CHECK SATISFACTORY.

DATE 11-8-95 TOTAL TIME 2331
I CERTIFY THIS Engine HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 hr
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.
FOR DETAILS SEE W.C. 24329

AUTHORIZED SIGNATURE Greg Schutte
MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

Total To
Carry Forward

and Remarks

Signature

Certificate No.



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 11-13-95 N 36716
TIME 2332.0

FAA APPROVED REPAIR STATION MZER198L

Removed #1 cylinder, installed overhauled .010
oversize cylinder with valves. Installed with
new piston rings and gaskets. Ground run-up
leak check was satisfactory. Ref. Aero Aviation
Maint. Release for cylinder. Ref. Modern Aero
W/O # 24329. *Bruce J Behrens*

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4-10-96	Tack 2366			
	Drained oil / Refilled with			
	Amosell 15W50 Replaced 4 filter,			
	J. H. Hester 2525707			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

12-8-86 Tack 2397

Drained oil R-filled w. 100 motor oil
15W50. Replaced oil R. filter. Replaced oil
coolant hoses. IMAO 95-26-13. cleaned and
R-gapped spark plugs checked mag timing
(comp) #1 17/80 #2 17/80 #3 16/80 #4 17/80 #5 17/80 #6 17/80

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A N. Ann INSPECTION AND
WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

TIME IN SERVICE

2397

DATE

12-8-86

SIGNED

FLYING

TIGERS

INC.

717-653-8181

ENGINE LOG

[illegible]

MAKE Textron Lycoming MODEL TIO-540-S1AB SERIAL No./N No. L-5452-61A

TOTAL TIME	TACH READING	DATE
	<u>2471.5</u>	<u>1-8-98</u>

Engine Disassembled, cleaned, Inspected, Repaired as necessary for A/B/C/P
 Strike Reassembled AND test cell RUN. C/W AB91-14-22 BY Replacing
 crank gear + inspection torque bolt to 66" / #5 Bent Locktab. C/W AB93-05-22
 relating + clamping fuel lines (due AGAIN to line removal). This
 Engine is Airworthy with respect to the work
 performed.

O/H SERVO P/N 2524751-7 S/N 71434

SHIPPED WITH ENGINE

MATTITUCK AIRBASE, INC.
 FAA Repair Station QX2R125L
 WO. No. 14603



Maclon B. Russell
 Authorized Signature

SERVICEABLE

Pertinent details of the exhaust system component repairs are on file at this repair station under:

Name Airways

Work Order No. 57097

Date 10-14-87

Inspected by M. S. [Signature]

Dawley Aviation

140 Industrial Dr.
Burlington, WI 53105

1-800-338-5420

FAA CRS No. NJ5R069N

Total To
Carry Forward



condition.

Robert S. Howard AIP171407344II

Maintenance

Shock

Idle, Installer

on from

belt.

amps. Repaired

rough Idle

Idle mixture

ed in accordance

be maintained

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2/13/98	Brought Forward →		2471.5	
	Installed engine S/N L-5452-C1A using new shock mounts. Serviced with 12qt of Aeroshell 80w oil. Installed new fluid carrying hose kit. Removed corrosion from engine mount and painted. Replaced alternator belt.			
	Reinstalled repaired overboard tail pipe using new clamp. Repaired engine cooling baffles as necessary. AD's check through issue 82.			
	Performed engine run-up and leak check. Adjusted idle mixture.			
	Idle speed. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.			
Total To Carry Forward				

Robert S. Howard AIP171407344IA

and Remarks	Signature	Certificate No.
JUNE 25, 1998 TACH TIME 2502.68 CHANGED OIL AND FILTER INSTALLING 11 QT'S W/100 AEROSHELL OIL. WASHER RUGS AND PAN AND LEAK CHECKED (OK). SHEARER AVIATION SERVICES 3920 S. RAMONA RD. HANGAR 1 DECK AIRPORT LEBANON, PA 17042	(AD)  A&P 199507300	
10/16/98 Tach 2544.19 Drained eng oil sys, Replaced + inspected oil filter, Refilled oil sys w/ Aeroshell 15W/50 oil. Leak ck good Phil Brown A24283264IA		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3/10/99	Brought Forward →	Tech 2579.0		
	Drained oil sys, replaced P-12 sp oil filter. Refilled oil sys w/ Aerostell 15W/50. Cleaned & gapped spark plugs, cleaned fuel injector nozzles & replaced o-rings & ins. FAU AD 73-0205. Inspected water hoses FAU AD 95-X-13 C/W PRS-103 on fuel injector servo by Matt Hunt Airbase, Inc. see log. C/W insp on mag impulse coupling FAU AD 96-1207 Replaced fuel filter over filter. Compression			
Total To Carry Forward		#1 75/100 #2 77/100 #3 75/100 #4 78/100		

OVERHAULS

Work Done By	Certificate No.	Returned to Service		
		By	Certificate No.	Date
#5 70/100 #6 76/100				
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>FAA</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION TIME IN SERVICE <u>25 76/100</u> DATE <u>3/10/99</u> SIGNED <u>[Signature]</u> <u>216783264TR</u> FLYING TIGERS INC. 717-653-8181				
5/11/99				
Drained oil, Changed filter, safetied, Refilled oil				
Test for leak.		Aircraft airworthy		GP

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4-1-00	Tack	2665		
	Drained oil Refilled with Amosuel 15W50. cleaned and Regapped sparkplugs. Refined mag. cleaned in nozzles Replaced ring insp lines & clamps. (Th) AD 93-02-05. Replaced oil and air filter. Comp #1 ⁷⁸ / ₈₀ #2 ⁷⁵ / ₈₀ #3 ⁷⁸ / ₈₀ #4 ⁷⁸ / ₈₀ Comp #5 ⁷³ / ₈₀ #6 ⁷⁸ / ₈₀			
	I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Manual</u> INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION			
			2665	DATE 4-1-00
Total To Carry Forward			<u>Signature</u> 2055292574 717-653-818	

and Remarks

Signature

Certificate No.

6-1-01 Tack. 2778.1

Drained oil, Removed all cylinder
deglazed. Replaced Rings. P105. Replaced
wrist pin pins (60828) Reinstalled with all
new seals, gaskets and locking devices.
cleaned up nozzles, air lines and clamps.
IMW AD 93-02-05. insp oil cooler hoses. IMW
AD 95-26-13. Replaced oil and ind air
filter. cleaned and Regassed spark plugs.
checked mag timing Swiced engine with
Auroshell 100 mineral for break in

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	IN ACCORDANCE WITH A <i>1/1</i> INSPECTION AND			
	DETERMINED TO BE IN AN AIRWORTHY CONDITION			
	IN SERVICE	2778.1	DATE 6-01-01	
	SIGNED	<i>[Signature]</i> 205529257DT.		
	FLYING TIGERS INC.	717-653-8181		

Date: 07/02/2001 Tach: 2789.9

Drained oil and removed oil filter, Service with 12 qts of Aeroshell 15W50. Removed #3 injector nozzle cleaned and reinstalled. Operational Check was Satisfactory.

John E. Dano

AP 512589803 IA

Total To Carry Forward				

and Remarks

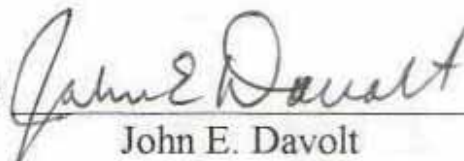
Signature

Certificate No.

Date: 08/21/01, Tach Time 2800.4, Airframe Total Time: 2800.4

Removed all injectors and flow tested. Found that the injector lines where the fasten to the flow dividers were loose on both the right and left bank of cylinders. These were leaking fuel into the engine cowl area. Tighten all injector lines and flow tested, operation was okay. Re-installed injectors. Dressed out nick in propeller.

Signed:



John E. Davolt

AP 512589803 IA

N36716

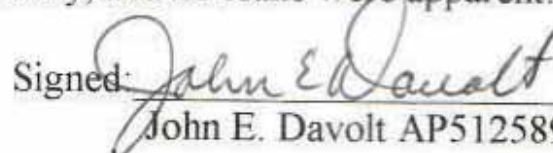
N36716

Date: 10-19-01, Tach Time: 2818.7, Engine Total Time: 2818.7, TSOH 830.7

Drained oil and checked for metal, nothing significant found. Installed new CH48103 oil filter and serviced with 12 qts of Aeroshell 15W50. Operational check was Satisfactory, and no leaks were apparent.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed:



John E. Davolt AP512589803IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 03-19-02, Tach Time: 2851.7.7, Engine Total Time: 2851.7, TSOH 863.7

Drained oil, and removed filter, checked for metal in filter, nothing significant found. Install new CH48103 oil filter and service with 12 qts of Aeroshell 15W50. Install new hose on the exhaust side of the vacuum pump. Operational check was satisfactory, and no leaks apparent.

**Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301**

Signed: *John E. Davolt*
John E. Davolt AP512589803IA

Total To Carry Forward				

and Remarks	Signature	Certificate No.
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N36716 Lycoming TIO-540-51AD, S/N L-5452-61A

Date: 07/02/02, Tach Time: 2887.3, Engine Total Time: 2887.3, TSOH 899.7

Drain oil and remove filter, cut open filter and check for metal, nothing significant found. Install new oil filter P/N CH48103, and fill with 12 qts of 15W50 aeroshell. Install six new RHB37E sparkplugs in the bottom plugs. Installed new throttle-wastegate control cable P/N LW16681 and re-rig per Lycoming service manual. Reposition prop control cable to prevent riding on mixture control arm. Install new air inlet filter P/N BA-7. Remove cabin heat muff and weld position pin. Compression check as follows: #1 71/80, #2 76/80, #3 74/80, #4 72/80, #5 72/80, #6 72/80. Tighten hold down nuts on the vacuum pump, fuel pump, and turbo scavenge oil pump. Repair ground wire from alternator to starter. Cleaned injector nozzle on the #1 cylinder. Removed magneto, installed heli-coil in stripped mag cover screw threads, reset points, e-gap, and C/W AD 96-12-07 by inspection of impulse couplings due again at 3387.3 hrs. C/W AD 93-05-22 by inspection of the fuel injector lines, due again at 2987.3 hrs. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
48-B Freedom Dr
Independence, KS 67301

Signed: _____

John E. Davolt
 John E. Davolt AP5125898031A

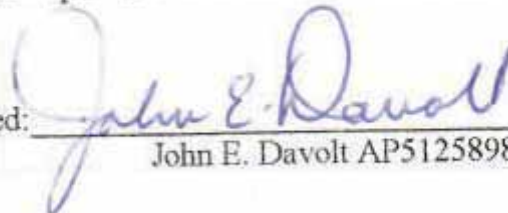
ENGINE LOG

N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 08/09/02, Tach Time: 2922.9, Engine Total Time: 2922.9, TSOH 934.9

Drained oil, and removed filter, checked for metal in filter, nothing significant found. Install new CH48103 oil filter and service with 12 qts of Aeroshell 15W50. Operational check was satisfactory, and no leaks apparent.

**Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301**

Signed: 

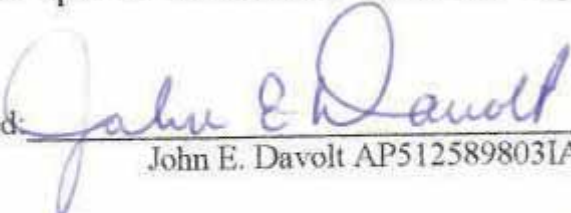
John E. Davolt AP512589803IA

N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 11/23/02, Tach Time: 2950.9, Engine Total Time: 2950.9, TSOH 962.9

Drained oil, and removed filter, checked for metal in filter, nothing significant found. Install new CH48103 oil filter and service with 12 qts of Aeroshell 15W50. Operational check was satisfactory, and no leaks apparent.

**Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301**

Signed: 

John E. Davolt AP512589803IA

Total To Carry Forward				
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N36716 Lycoming TIO-540-51AD , S/N L5452-61A

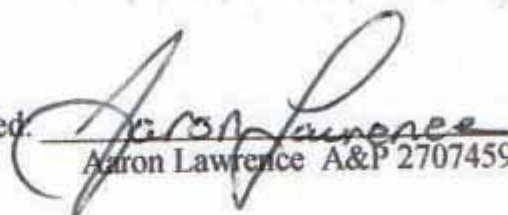
Date: 03/18/03, Tach Time: 2983.3 Engine Total Time: 2983.3, TSOH 995.3

Drain oil, and remove filter, cut open filter and check for metal, nothing significant found. Installed new CH48103 oil filter and serviced with 12 qts of Aeroshell 15W50. Operational check satisfactory factor, no leaks apparent.

No.

Freedom Flight Academy
498B Freedom Dr
Independence, Kansas 67301
620-331-8832

Signed:


Aaron Lawrence A&P 2707459

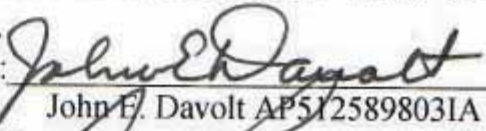
N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 07/25/03, Tach Time: 3030.9, Engine Total Time: 3030.3, TSOH 1043.3

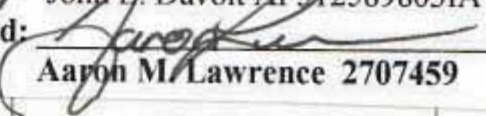
Drain oil and remove filter, cut open filter and check for metal, nothing significant found. Install new oil filter P/N CH48103, and fill with 12 qts of 15W50 aeroshell. Install new air inlet filter P/N BA-7. Compression check as follows: #1 77/80, #2 77/80, #3 78/80, #4 78/80, #5 80/80, #6 79/80. Removed magneto, set e-gap C/W AD 96-12-07 by inspection of impulse couplings due again at 3387.3 hrs. C/W AD 2002-26-01 by inspection of the fuel injector lines, due again at 3130.9 hrs. 2002-23-06 not applicable because of single drive dual Magneto. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

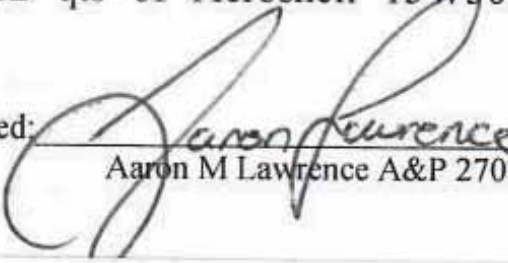
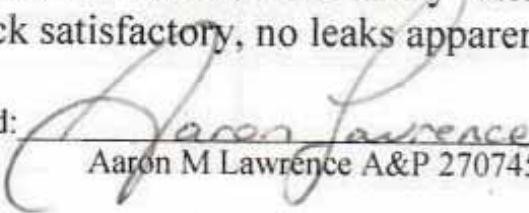
Signed:


John E. Davolt AP5125898031A

Signed:


Aaron M. Lawrence 2707459

ENGINE LOG

Date	Engine Time	Recorder	Maintenance
N36716 Lycoming TIO-540-51AD , S/N L-5452-61A			
Date: 10/20/03, Tach Time: 3060.5, Engine Total Time: 3060.5, TSOH 1072.5			
Drained oil, and removed filter, checked for metal in filter, nothing significant found. Install new CH48103 oil filter and service with 12 qts of Aeroshell 15W50. Operational check was satisfactory, and no leaks apparent.			
Freedom Flight Academy 498-B Freedom Dr Independence, KS 67301		Signed:  Aaron M Lawrence A&P 2707459	
N36716 Lycoming TIO-540-51AD , S/N L-5452-61A			
Date: 1/28/04, Tach Time: 3097.7, Engine Total Time: 3097.7, TSOH 1109.7			
Removed all spark plugs, cleaned ,gaped and tested. Replaced 5 bad spark plugs and reinstalled in engine. Replaced o-ring on dip stick. Removed and replaced the end of #2 spark plug lead. Drained oil and cut open filter, installed new CH48103 oil filter and filled with 12 qts Aeroshell 15w50. Removed old Alternator and installed overhauled Kelly Aerospace Alternator P/N 4111810R, S/N D112026. Operational check satisfactory, no leaks apparent.			
Freedom Flight Academy 498-B Freedom Dr Independence, KS 67301		Signed:  Aaron M Lawrence A&P 2707459	
Total Carr.			

and Remarks

Signature

Certificate No.

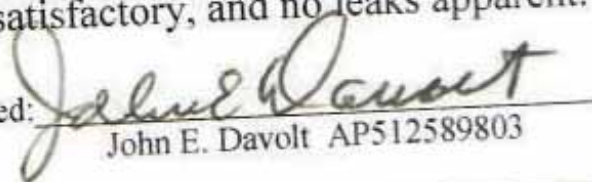
N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 04/10/04, Tach Time: 3127.7, Engine Total Time: 3060.5, TSOH 1139.2

Drained oil, and removed filter, checked for metal in filter, nothing significant found. Install new CH48103 oil filter and service with 12 qts of Aeroshell 15W50. Installed new EGT probe P/N M-111 on the #6 cyl. Operational check was satisfactory, and no leaks apparent.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed:


John E. Davolt AP512589803

ENGINE LOG

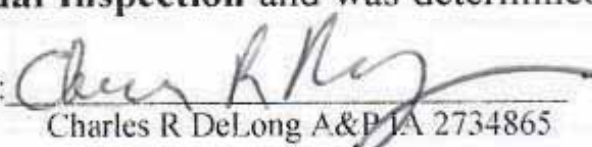
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		

N36716 Lycoming TIO-540-51AD , S/N L-5452-61A

Date: 8/27/2005, Tach Time: 3217.8, Engine Total Time: 3217.8, TSOH 1230.2

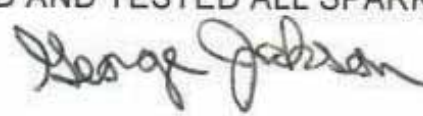
Drain oil and remove filter, cut open filter and check for metal, nothing significant found. Install new oil filter P/N CH48103, and fill with 12 qts of 15W50 aeroshell. Compression check as follows: #1 70/80, #2 69/80, #3 70/80, #4 71/80, #5 70/80, and #6 72/80. C/W AD 2002-26-01 by inspection of the fuel injector lines, due again at 3317.8 hrs.. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this **Engine** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed: 
Charles R DeLong A&P IA 2734865

Date 3/29/2006	N Number N36716	Total Time	Tach Time 3267.5	Hobbs	Annual Due
----------------	-----------------	------------	------------------	-------	------------

INSTALLED T.C.M. FACTORY OVERHAULED MAGNETO MODEL D6LN-3000, P/N BL-682560-13, SERIAL NUMBER G05LA082R. USING NEW GASKET. INSTALLED NEW UNISON MAGNETO COMPLETE HARNESS P/N M2997. CLEANED, GAPPED AND TESTED ALL SPARK PLUGS. GROUND RUN LEAK AND OPERATIONAL CHECKED SATISFACTORY.

 AP43106491

and Remarks

Signature

Certificate No.

9/06 Annual Insp. Tach-3297.6 / 1310.0 smolt

Compression test #1 $\frac{68}{50}$ #2 $\frac{67}{50}$ #3 $\frac{75}{50}$ #4 $\frac{67}{50}$ #5 $\frac{67}{50}$ #6 $\frac{74}{50}$

Drained oil, removed + opened filter (OK), reinstalled new
#48103-1. Spark plugs removed, cleaned, + gapped. #1 EGT probe
replaced with new, #2 + #4 cht probes replaced with new. Exhaust
system ckd for leakage + security. AD 2002-26-01 fuel injector lines
c/w by insp. AD's ckd thru 2006-17. WAS let down + engine serviced
with 12gts. 15x50 AeroShell. Brickett Air cleaner BA-7 changed.
Engine ran up, all operations normal.

cont



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/06	Brought Forward →			
	I certify this engine has been inspected in accordance with an <u>Annual Inspection</u> & found to be airworthy at this time.			
	9/15/06			IA 253984625
4/08	TACH 3339.25	SMOH 1351.65	Compression	#1 #2 #3 #4 #5 #6 74 74 72 68 72 76
	Drained oil, Removed Filter, NOSED 11qt Aeroshell W100 installed 48103-1			
	Filter, Removed, cleaned, gapped spark plugs, changed Air Filter BA-7 > I certify			
	that this engine has been Inspected in accordance with a 100hr inspection and			
Total To Carry Forward		FOUND to be in airworthy condition		Simon Wells 2773537 H+P

and Remarks

Signature

Certificate No.

APRIL 20-2008

TT 3339.2 S.M.O.H. 1351.6

I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH
ANNUAL INSPECTION, AND
WAS DETERMINED TO BE AIRWORTHY

Luft Ri APRIL 20 2008 EA
SIGNED

TACH. SMOH

3364 1376

OIL DRAINED & REFILLED 48103-1 F. Filter, 11 qts
Aerioshell W100. Installed BA-7 Air Filter

AD 2002-26-01 Fueling Lines c/w By INSP. OK
AD's checked thru 2009/08. Ran up ch OK

I certify & that this engine has been
inspected in accordance with a 100 hr inspection
AND FOUND to be in airworthy condition

Luft
2773537 ATP

ENGINE LOG

N 36716

Tach/Hobbs: 3367.39

ACTT: 1379.39 *SMOK*

Oil drained, filter replaced 48-103, added 11 qts Aeroshell 15w-50. Comp. #1-72/80, #2-74/80, #3-70/80, #4-72/80, #5-74/80, #6-72/80. C/W AD 2015-19-07 fuel inj. lines. Replaced air filter BA-7. spark plugs cleaned.

I certify that this engine was inspected in accordance with a Annual inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature:

[Signature]

Certificate # AP 2773537 IA

Date:

11/18/2016

Total To
Carry Forward

