

Mfgr. <i>Lycorning</i>	Place	Date	
Type <i>H-opposed</i>	Model <i>0-320-E20</i>	Serial No. <i>L-32730-27A</i>	
Rated H. P. <i>150</i>	Maximum H. P. <i>150</i>	Weight (Dry)	
Rated R. P. M. <i>2700</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	

Propeller <i>McCaulley</i>	Hub Design <i>1C160/CTM</i>	Hub Serial No. <i>721137</i>	
Blade Design	Blade Serial	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch <i>53"</i>	Diameter <i>75"</i>	Length	

Owner's Name _____
 Address _____
 City _____

DATE	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			

19

Dec 22, 1974 Jack Reads 92.2
replaced 1 spark plug

"I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition." Date 12-22-74

Signed Bill Super Number 1-A-1539982

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1/20/76					Rock Time	191.3
gh 100 HR				I certify that this engine has been inspected in accordance with an Annual inspection & determined to be in seaworthy condition. The following work performed: All items on Casco 172 model 100HR inspection list for this engine & all controls were complied with, engine oil change, connected & clearing both engine suction & main oil screens & circulating in seaworthy manner, replace water cooled engine oil with A.S. detergent 40 wt. oil (8 qts). Engine compression test results as follows: #1 - 7/8", #2 - 7/8", #3 - 7/8", #4 - 7/8".	Garry J. Fozak PACP 172-38-3625	
1/20/76				Annual Inspection	Total Time	191.3
				I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in a seaworthy condition.	Total Time	191.3
				Martin Downey 1A 2121078		

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8/4/76				Oil change - Aeroshell 50wt. det. Tach 221.9	Edwin Johnson	
12/15/76				Oil change - Phillips 50wt det Tach 252.8	Edwin Johnson	
2-3-77				100 HR INSPECTION TOTAL TIME 282.3		
<p>DRAINED + REPLACED ENGINE OIL WITH 8 QTS AEROSHELL 40 WT PETERLENT OIL. CLEANED OIL PICK-UP AND PRESSURE SCREENS. TIMING CHECKED OK AT 25° BT. COMPRESSION WAS VERY GOOD ON ALL CYLINDERS. REPLACED MUFFLER WITH MICROFLITE 1754001 - 15M MUFFLER. RUN-UP OK.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>TACH 282.3 TOTAL 282.3</p> <p>L. Leigh B. Hunt AIP 281362287</p>						
JW	<p>I certify that this aircraft-engine has been inspected in accordance with an annual - 100 - Hr. inspection & was found to be airworthy.</p> <p>Craig Longencker AI 199386569</p>					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

Craig Longencker

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5-12-77				Oil change - Phillips A-100 - 50wt. Jack	Edwin Johnson	310.1
June 26, 1978				Test Time 411 hr. Annual check CW. Plugs cleaned Oil screens changed, oil changed 40w Amso Shell. May Timing checked. Joseph Rutherford APR 1968742		
May 16, 1978				Test Time 454 oil changed 50w Amso Shell. Joseph Rutherford APR 1968742		
Oct 13, 1978				Test Time 507 hr. oil changed 40w Amso Shell. Joseph Rutherford APR 1968742		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19 <u>79</u>	DURATION		TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	HOURS	10THS	HOURS	10THS			
	<u>Feb</u>	<u>12</u>			<p>I CERTIFY THAT THIS <u>Engine</u> WAS INSPECTED IN ACCORDANCE WITH A <u>10 CFR</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY CONDITION. <u>518-9</u> ORDER NO. <u>20352</u> DATE <u>Feb - 12-79</u> <u>75-50</u> ON TYPE LEAD <u>Aircraft 40</u> SIGNED <u>William Hartill</u> FOR</p> <p><u>changed oil + cleaned oil screen, installed 8 new Champion spark plugs, checked mag tension checked heat muff, exhaust, alt, starter, carburetor & bowl cleaned air filter, checked fuel pump & all engine controls & disassembled engine oil comp. ① 75 ② 75 ③ 76 ④ 74 <u>50 50 50 50</u></u></p> <p><u>filled + painted Prop</u> <u>William Hartill</u></p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE Av E/630750

DATE 19 50	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
Jan 7-50				Installed New Right Mag #4353		
				Installed New Dry Vacuum Pump		
TACH 518.43				Cleaned plugs, changed oil + cleaned oil screen		
				Cleaned air filter, checked all (cables)		
				Checked Exhaust system + muffler		
				Checked starter, horn alt, & alt belt		
				Aircraft test flown + checked out ok		

I certify that this aircraft has been inspected
in accordance with 100 HR
and was determined to be in airworthy condition

William B. Sartell
A-1630450

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				Date <u>2/10/81</u> Tack <u>5558</u> 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. <u>John A. Franden</u> <u>FA1801345</u>		
				Engine compression normal, checked and cleaned Fuel and oil screens, cleaned spark plugs, installed new #3 rocker cover gasket installed new Air Filter.		
	12/17/81	585		Has changed oil, AeroShell 30WT <u>John A. Franden</u> <u>FA1801345</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Date <u>2/10/82</u> Tack <u>586.5</u>		
				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.		
				<u>John A Frandsen</u>		
				<u>VTA 1801345</u>		

Compression chk
 Normal,
 cleaned and Gapped
 spark plugs,
 Chkd + cleaned
 oil screen
 installed new Right
 Mag Ser No 119080R
 installed new
 ALternator belt

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19

DURATION

TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

LICENSE NUMBER

Compression check
 normal, spark
 and cleaned Fuel
 and oil screens
 check Magnets + Timing
 cleaned and Gapped
 spark plugs
 Run up normal

Date 5/17/83 Tack 682.4

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

John A. Prindle
A + P 7801345

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Installed new # 3 rocker cover Basket. cylinder cleaned and oil screens oil changed 50WT Pump normal		
				Date <u>6/2/84</u> Tack <u>774.1</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.		
				<u>John O. Frandsen</u> <u>A+P1801345</u>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19

DURATION

TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

LICENSE NUMBER

Date 7/1/85 Tack 811.2

Compression C/K Normal
C/K'd and cleaned Fuel and
oil scoops, C/K'd Mag Timing,
cleaned and Gapped spark plugs,
installed all New Exhaust Gaskets
and #4 Induction Gasket
changed oil, Amoco Shell 15-50WT.

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

John A. Frazier
A1 P1001245

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 9-2-86				TACH 857 IT 857		
				Clean gap Plugs, check compression Timing clean fuel & oil screen system	check mag inst Exhaust	
				<p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY</p> <p><i>[Signature]</i> IASO 2561287</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION		TOTAL TIME	
HOURS	10THS	HOURS	10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

Compression C/NK Normal
 C/NK and cleaned Fuel
 and oil screens
 cleaned and Gapped
 spark plugs
 Timmed LEFT Mag TO
 Engine
 Installed New #3 rocker
 cover Gasket

Date 1/18/88 Tack # 28.6
 I certify that this Engine
 has been inspected in accordance
 with a 100 HV inspection
 and was determined to be in
 airworthy condition.

John A. [Signature]
APR 18 07 39 5

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 89 APR 4				COMPLETED 100 HR INSPECTION THIS DATE, CHECKED COMPRESSION, VALVE & TIMING, FUEL, ELECTRICAL, EXHAUST, INDUCTION SYSTEMS, CLEANED OIL, CLEANED FUEL & OIL SCREENS, SPARK PLUGS, AIR CHECKED THRU 89-6 IN REAR OF LOG.		
TOTAL TIME 915				I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL INSPECTION, APPLICABLE MANUAL 43 APR AND IT IS AIRWORTHY THIS DATE		
				M. A. SOON A&P 18067801.A		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION	TOTAL TIME	
	HOURS	10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

5/2/90

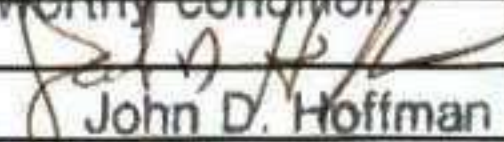
959.8

TRK

Perform Annual Inspection I/A/W CE
 Inspection Report Check Compression #1 12/80 3 50/80
 #3 73/80 #4 70/80 Pressure #3 Cyl Intell new E-Port
 Valve Guide, hone cyl Assy. Replace w new Pump
 gaskets. Replace Muffler w Outback Unit, Replace
 Scout base, dross & Reprint Propeller General check
 Balsa Jay Check oil, check screens pull to
 7 cts (brushed) w-100 #3 Compression check 72 after
 General Run, Check A/D's to 90-09

I certify this Engine/Propeller has been
 inspected in accordance with an
Annual inspection and was Deter-
 mined to be in Airworthy condition.

959.8 TT Engine


 John D. Hoffman
 A&P 2629488671A

19 90	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			
JULY 5				REMOVED AND REPLACED ROCKER COVER GASKETS #2 AND #4 CYLINDERS ALSO SECURED OIL RETURN LINES. SECURED INTAKE COUPLING CLAMPS ON ALL CYLINDERS. SECURED STARTER CABLE.	Dave Grewitt A+P 497583351	
TACK 990.2 hr						
JULY 13, 1990				CHANGED OIL AND OIL COOLER. SERVICED WITH 8 QRTS OF 100/50 AEROSHELL. REMOVED AND REPLACED OIL QUICK DRAIN PIN AE 8066-44. DRAIN SECURED AND NO LEAKS FOUND	Dave Grewitt A+P 497583351	
TACK 996.4 hr						
TRE 996.4 hr						

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION

TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

9/24/90
Tech

10.52

Changed oil & checked oil screen
Revised with 15-50 shell oil
Branched cleaned & revalued all spring plugs
Installed new left magnet model 4291
Eng test run & leak checked OK for return to
service

Sheldon Matthews
A 48 20855-71

DATE	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1991						
03-12-91	TACH	1129	.2	Changed oil - serviced with 15_w 50 (8 qts) Shell Det. Oil	John M. Roy A+P 333603296	
6-12-91	TACH 12 MONTH	1136	.7	Scrubby this engine - prop were insp. and are airworthy at this time; Replaced all intake hoses & gaskets. Prop #1 $2 \frac{7}{8}$ #2 $3 \frac{7}{8}$ #3 $4 \frac{7}{8}$. Checked MAG timing condition; security. Cleaned, gapped, inspected plugs. Cleaned all fuel screens. Inspected prop blades. Inspected engine mounts & controls for security, condition, & proper operation. Washed engine - lubed controls. Run up & leak checks were good. All AIs checked thru 916 - none apply.	John M. Roy A+P 333603296	

John M. Roy
A+P 333603296
FOR IDEAL AVIATION
INC.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 92 6-4		1174	.5	Tack & T.T. Checked Compression check May Timing, cleaned & capped Spark Plugs cleaned Screens, checked prop Brakes checked and lubed all Cylinder Contacts for condition and proper operation changed oil to 15W50 Aero Shell - Ground Port was good. All No doubt the Bimbley 92-12 Buttons. Just by the way was not 100% ANNUAL AND IS A PRIORITY AT THIS TIME. 490565964 1A FOR IDEAL MOTION.		
3-7-93		1179	.2	Changed oil to Aero Shell 15W50 Adjusted & lubed Starter Bendix 15W50 Aero Shell 15W50 361394508		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19 43 DURATION TOTAL TIME
1100145 10745 REPAIRS --- ADJUSTMENTS SIGNATURE NUMBER

8-4-93 installed new voltage regulator to engine

TACH 1207.6 ground run satisfactory! PW# C61001-0201

HM 1352.4

PREMIER AIR CENTER, INC.
APPROVED FAA REPAIR STATION NO. PAZRO68H
 18 Terminal Drive
 East Alton, IL 62024

Gene J. West alt insp

ELECTROSYSTEMS, INC.

DATE DURATI

19

N20352, S/N 172-61215...TACH 1211.8..ENG S/N L32730-27A


ENGINE LOG 8/20/93...CHANGED OIL & CLEANED SCREEN. SERVICED WITH 8 QUARTS OF AEROSHELL 15W50. RAN & CHECKED FOR LEAKS; NO DEFECTS NOTED.

-----END-----

PREMIER AIR CENTER, INC.
APPROVED FAA REPAIR STATION NO. PAZRO68H
18 Terminal Drive
East Alton, IL 62024

John F. Bowen Jr. Chief Insp

LICENSE NUMBER

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 94						
7/16/94		12.35	7	<p>DRAINED OIL. INSPECTED AND CLEANED OIL SCREENS. SERVICED W/ 7 QUANTS OF AERO SHELL 15 W 50.</p> <p>CLEANED AND GAPPED SPARK PLUGS.</p> <p>TIMED BOTH MAGNETOS TO 25° BTDC.</p> <p>PERFORMED COMPRESSION CHECK -</p> <p>1) 75/80 2) 74/80 3) 75/80 4) 72/80</p> <p>C/W AD 92-12-05 BY INSPECTING MAINTENANCE RECORDS AND FINDING NO PISTON PINS REPLACED.</p> <p>C/W AD 93-18-03 BY INSPECTING CARB FOR 2 PIECE VENTURI. FOUND 1 PIECE VENTURI INSTALLED. NO FURTHER ACTION NEEDED.</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>	 A&P 490509797 JA	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

SIGNATURE

LICENSE
NUMBER

REMOVED ALL SPARK PLUGS WITH NEW
CHAMPION #16 REM-40E SPARK PLUGS,
ENGINE RUN AND CHECKED FOR PROPER
PERFORMANCE.

John Finck
A.P. 490509797.

10/2/94

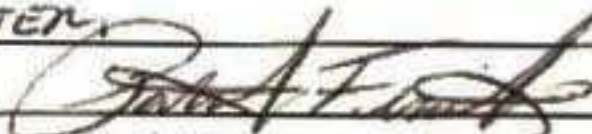
1247 .7


REMOVED #3 CYLINDER FOR REPAIR.
CYLINDER REPAIRED BY ST LOUIS ENGINE
& CYLINDER SERVICE. (P/N 75868 S/N 62509)
REINSTALLED SAME P/N SAME S/N CYLINDER
W/ NEW RING SET AND NEW PACKINGS & SEALS.
DRAINED OIL. INSPECTED & CLEANED OIL
SCREENS. SERVICED W/ 7 QUARTS AEROSHELL 100W.
RAN ENGINE TO BREAK IN CYLINDER. LEAK &
PERFORMANCE CHECKED OK. END -

John Finck
A.P. 490509797

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LN NU
		HOURS	IOths			
11/24/95		1244	9	INSTALLED A TANIS TAS-100 ENGINE PREHEATER SYSTEM S/N 23467 I/A/W TANIS AIRCRAFT SERVICES INSTRUCTIONS AND DRAWINGS No. 100. SEE FORM 337 THIS DATE FOR DETAILS. REPLACED STARTER DRIVE WITH NEW P/N EBB-75A. INSTALLED NEW P/N MBG-20125 BRUSH SET IN THE STARTER.		


 AEP490509797

	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			
19						
7/31/73		16	44	INSPECTED AND CLEANED OIL SCREENS. ADD 1 QUART AEROSHELL W100. CLEANED FUEL SCREEN. CLEANED AND GAPPED SPARK PLUGS. TIMED BOTH MAGNETOS TO 25° BTDC. PERFORMED COMPRESSION CHECK - 1) 74/80 2) 76/80 3) 78/80 4) 74/80. RAN ENGINE AND CHECKED FOR LEAKS AND PROPER PERFORMANCE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. EMO -	 AIP490509797 IA	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
12/19/96		12	0	<p>REMOVED SINTERED IRON OIL PUMP IMPELLER GEARS AND WOODRUFF KEYS OIL PUMP DRIVE SHAFT. INSTALLED STEEL OIL PUMP IMPELLERS P/N 18109A-A, AND 18110A. INSTALLED DRIVE SHAFT IDLER SHAFT P/N SL61174A. NOTE - 1 PIECE OIL PUMP HOUSING IS INSTALLED. THIS COMPLIES WITH SERVICE BULLETIN 524 DATED SEPT 1, 1995. THIS COMPLIES WITH AD 75-08-09 AND AD 81-18-04 R2. INSPECTED AND CLEANED OIL PRESSURE AND SUCTION SCREENS. DRAINED OIL AND SERVICED W/ 8 QUANTS OF AEROSHELL 15W-50. RAN ENGINE, LEAK CHECKED OIL. CHECKED OIL PRESSURE AND MAGNETO TIMING.</p> <p><i>Patricia F. Farnsworth</i> A.E. P 490509797</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION

TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

DATE: 07/31/96

N#: N20352 MAKE: Lycoming MODEL: O-320-E2D S/N: L-32730-27A

PAGE: 1 of 1 TACH: 1305.0 A/C T.T.: 1305.0 Eng. TSO: N/A

Performed detailed inspection of engine & servicing using the guidelines of the Cessna 172 Inspection Guide.

Performed compression check (hot): 1) 73/80, 2) 74/80, 3) 70/80, 4) 76/80.

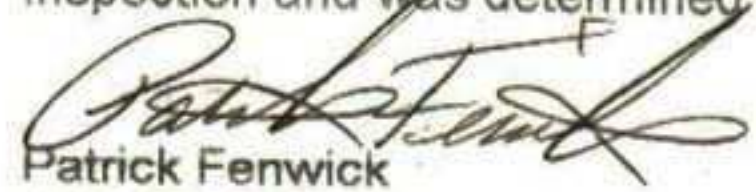
Adjusted magneto timing to manufacturer's specs.

Cleaned and gapped spark plugs.

Drained engine oil, inspected screens, and serviced with 8 quarts of Aeroshell 15W50.

Ran engine. Leak and performance checked OK.

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



Patrick Fenwick
A&P4905097971A

DURATION

TOTAL TIME
HOURS | IOths

REPAIRS --- ADJUSTMENTS

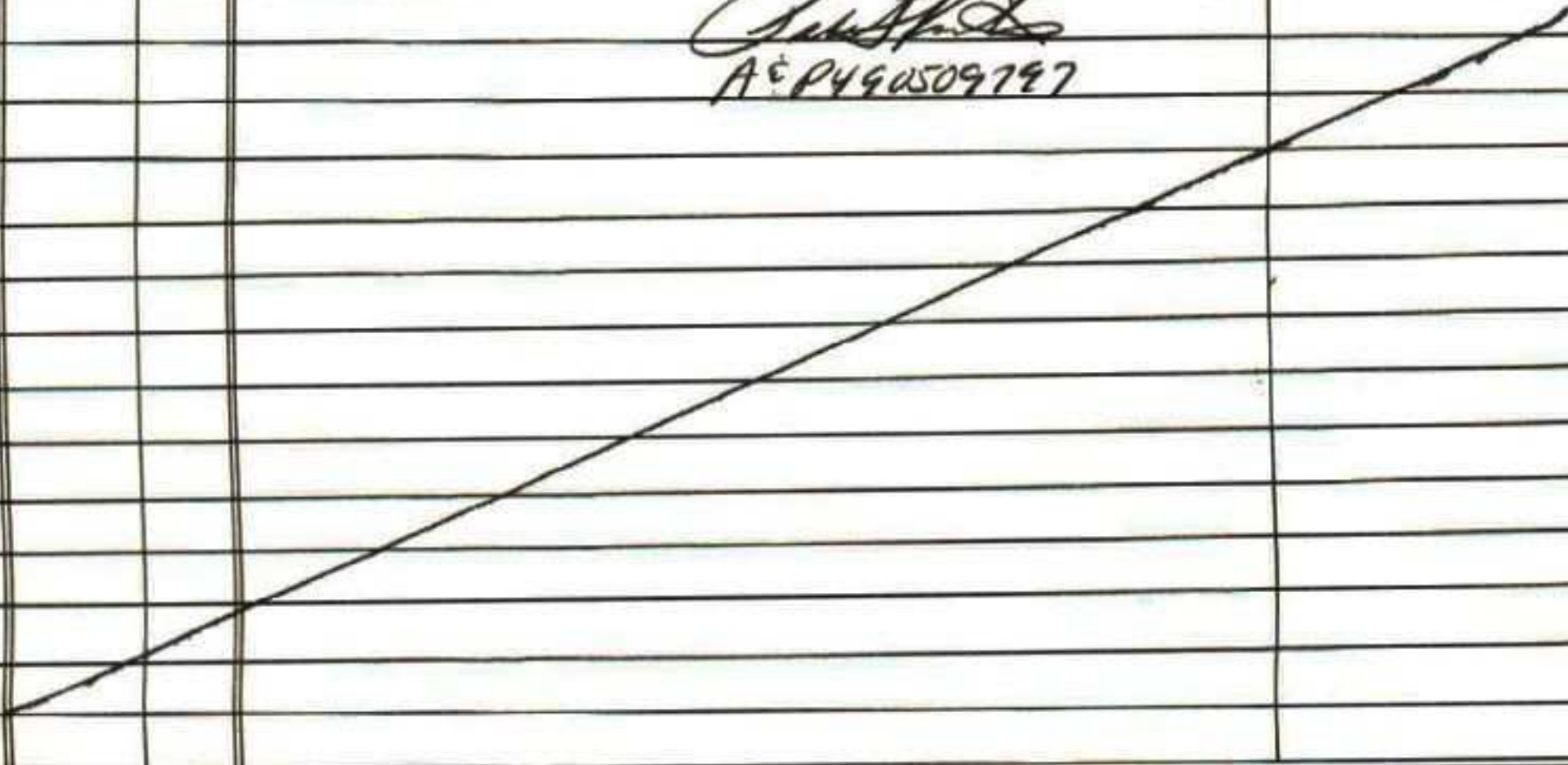
SIGNATURE

LICENSE
NUMBER

7/31/96

VERIFIED COMPLIANCE W/ AD 96-09-10
BY REPLACEMENT OF OIL PUMP COMPONENTS
ON 4/10/96.

[Signature]
AEP490509797



CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE
19
DURATION

ACCUMULATED
TOTAL TIME
HOURS | 10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

LICENSE
NUMBER

DATE: 08/28/97
N#: N20352 MAKE: Lycoming MODEL: O-320-E2D S/N: L-32730-27A
PAGE: 1 of 1 TACH: 1345.6 ENG T.T.: 1345.6 Eng. TSO: N/A

- Performed detailed inspection of engine & servicing using the guidelines of the Cessna 172 Inspection Guide.
- Performed compression check (hot): 1) 72/80, 2) 76/80, 3) 72/80, 4) 76/80.
- Adjusted magneto timing to manufacturer's specs.
- **Cleaned and gapped spark plugs.**
- Drained engine oil, inspected screens, and serviced with 8 quarts of Aeroshell 15W50.
- Ran engine. Leak and performance checked OK.

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

Patrick Fenwick
A&P4905097971A



LICENSE NUMBER

DURATION	TOTAL TIME	
	HOURS	10THS
2.1.99	1368.0	1368.0


REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

2.1.99 Tech 1368.0 T/S new 1368.0
 In annual inspection: inspected & returned all applicable directives
 Compression @ 73/80 @ 78/80 @ 74/80 @ 76/80, Checked, gapped & rotated spark
 plugs A/D to date AD 981711 Crankshaft N/A service history 911422 Crankshaft
 oil @ overhaul of prop stroke Pan & gate checked. I certify this engine
 has been inspected in accordance with an annual inspection & determined to
 be in worthy condition (END)

[Signature]
 1A168959/051

DATE	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			
19 6/11/99		1398	2	DRAINED OIL, INSPECTED AND CLEANED OIL SCREENS, SERVICED WITH 8 QUARTS AEROSHELL 15-50 RAN ENGINE, LEAK AND PERFORMANCE TEST ACCORDING TO CESSNA 172 SERVICE MANUAL CHECK OK	JEFF GILTER	
9/5/99		1435	1	DRAINED OIL, INSPECTED AND CLEANED SCREENS, SERVICED WITH 8 QUARTS AEROSHELL 15-50 RAN ENGINE, LEAK AND PERFORMANCE TEST ACCORDING TO CESSNA 172 SERVICE MANUAL CHECK OK		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION	TOTAL TIME		REPAIRS - ADJUSTMENTS	NUMBER
	HOURS	10THS		

12/15/88

1465 3

DRAINED OIL, INSPECTED AND CLEANED
 SCREWS, SERVICED WITH 8 QUARTS
 AEROSHELL 15-50
 RAN ENGINE, LEAK AND PERFORMANCE
 CHECK ACCORDING TO CESSNA 172
 SERVICE MANUAL RETURN TO SERVICE

JH Miller

3-9-00

1470

Annual Inspection This date
 Compression check 20 20 22 20
 Tuning ok change Air filter check +
 Clean plug check For leaks none noted
 AT This Time Return To Service
 J Miller 353926720JA

DATE	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			
1900						
4/5/2000		1500		DRAINED OIL, INSPECTED AND CLEANED SCREENS, SERVICED WITH 8 QUARTS AEROSHELL 15-50 RAN ENGINE LEAK AND PERFORMANCE CHECK IN A/W CESSNA SERVICE MANUAL	Jeff Helter	
4-1-01	120	1516		Annual Inspection This date. Compression check 20 or Better Timing ok Replace Rocker Cover Gaskets Replace Air Filter change oil oil Added 8qt Shell 15W50 Replace all 8 Sprats Plug Run Engine check For Leaks ok Engine Run-up ok Return To Service Jimmy W. Shum 353326770JA		
5/3/02	158	168	8	T.T This engine was serviced by changing Oil to 8qt 15W50 Aeroshell, checked & cleaned filter screen. cleaned & gapped plugs. 6 Cont. 11		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
	5/3/02	15	86.8	<p>Replaced muffler with new unit from Aircraft Exhaust Systems, Inc. replaced exhaust gaskets, using new hardware. Lubricated all engine controls, Engine was test run with no leaks observed.</p> <p>Man Campbell AWP 323420356</p>		
	5/3/02	15	86.8	<p>I certify that this engine was inspected by FAA a 100hr inspection and found to be in an airworthy condition</p> <p>Man Campbell 323420356 I.A.</p>		
	5/3/02	15	86.8	<p>New bucket air filter installed</p> <p>Man Campbell AWP 323420356</p>		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

2002 #	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			
10/15		16	34	DRAINED OIL INSPECTED SCREEN FILLED W 7 QTS 15W50 LEAK CHECKED IN A/W CESSNA SERVICE MANUAL	Jeff Diller	
5-30-03		16	46	0 Tach & TOTAL Time Drained oil, checked compression, adjusted timing, removed, cleaned, gapped & reinstalled spark plugs. installed 7 quarts 15W50 oil, used oil filter, mounting body & weatherstripping, new CH48110 filter & new 16100 air filter. M. Campbell ATP323420354		
				I certify that this engine was inspected IAW a 100hr. inspection and found to be in an airworthy condition. M. Campbell ATP323420356		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	10THS			

Date: 01/16/2005

Engine: O-320-E2D

Reg: N20352

Tach: 1686.0

Lycoming

S/N: L-32730-27A

ACTT: 1686.0

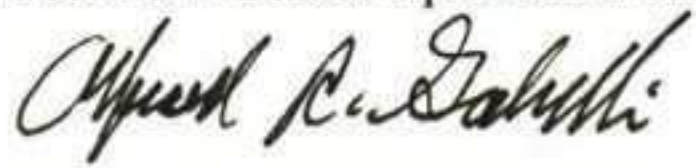
ETT: 1686.0

SMOH: N/A

Performed a 100 hr. inspection I/A/W FAR 43 App. D:

- 1) Compression check: Cylinder 1) 72/80 2) 72/80 3) 71/80 4) 70/80.
- 2) Drained oil. Removed and replaced oil filter with new ES48110. Inspected removed filter and found no contaminants. Serviced with 8 qts. Aeroshell 15W-50.
- 3) Installed new BA-6108 air filter element.
- 4) Performed engine ground run, leak check OK. Test flew aircraft. Operational check satisfactory.
- 5) Complied with AD search through this date.

ALFRED R. GABELLI



A&P 2747358

I certify that this Engine has been inspected in accordance with a 100 hr inspection per FAR 43 App. D and was determined to be in an airworthy condition.

ALFRED R. GABELLI



IA2747358

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	NUMBER
		HOURS	IOTHS			
	7/13/05	1730	6	Oil change with 8 qts. 15W50, filter CH48110, leak checked and found no leaks.	<i>[Signature]</i>	

N20352 Cessna 172 s/n 17261215 Lycoming O-320-E2D s/n L-32730-27A
 February 6, 2006 Tach Time: 1758.0 Engine Total Time: 1758.0
 Performed routing maintenance IAW Lycoming maintenance manuals. Drained and replaced crankcase oil with 8 quarts of 15W50 Acrosshell and filter with CH48110. Checked compression with all cylinders 72/80 or better. Timing adjusted to 25 degrees before TDC. Test ran engine with all operations normal.
 Marvin Campbell A&P 2808375

I certify that this engine and propeller have been inspected IAW a 100 hour inspection and has been found to be in an airworthy condition at this time.
 Marvin L. Campbell A&P 2808375

[Signature: Marvin Campbell]

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION

TOTAL TIME

HOURS

10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

N20352 Cessna 172 s/n 17261215 Lycoming O-320-E2D s/n L-32730-27A

May 5, 2007 Tach Time: 1788.0

Engine Total Time: 1788.0

Performed routing maintenance IAW Lycoming maintenance manuals. Drained and replaced crankcase oil with 8 quarts of 15W50 Aeroshell and filter with CH48110. Checked compression with all cylinders 72/80 or better. Cleaned, gapped, tested and reinstalled spark plugs. Timing adjusted to 25 degrees before TDC. Test ran engine with all operations normal.

Marvin Campbell

Sparta Aero Services, Inc. by Marvin Campbell A&P 2808375

I certify that this engine and propeller have been inspected IAW a 100 hour inspection and has been found to be in an airworthy condition at this time.

Sparta Aero Services, Inc. by Marvin L. Campbell A&P 2808375

Marvin Campbell

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DURATION	TOTAL TIME	
	HOURS	10THS

REPAIRS --- ADJUSTMENTS

SIGNATURE

NUMBER

N20352 Cessna 172 s/n 17261215 Lycoming O-320-E2D s/n L-32730-27A
McCaughey Propeller 1C160/CTM7553 S/N 721137 Total Time: 1806.0
June 24, 2008 Tach Time: 1806.0 Engine Total Time: 1806.0

Performed routine maintenance IAW Lycoming maintenance manuals. Drained and replaced crankcase oil with 8 quarts of 15W50 Aeroshell and filter with AA48110. Checked compression with all cylinders 72/80 or better. Cleaned, gapped, tested and reinstalled spark plugs. Timing adjusted to 25 degrees before TDC. Test ran engine with all operations normal and no oil leaks observed.
 Sparta Aero Services, Inc. by Marvin Campbell A&P 2808375

Marvin Campbell

I certify that this engine and propeller have been inspected IAW a 100 hour inspection and has been found to be in an airworthy condition at this time.
 Sparta Aero Services, Inc. by Marvin L. Campbell A&P 2808375

Marvin Campbell

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

N20352 Cessna 172 s/n 17261215 Lycoming O-320-E2D s/n L-32730-27A
McCauley Propeller 1C160/CTM7553 S/N 721137 Total Time: 1813.0
October 6, 2009 Tach Time: 1813.0 Aircraft Total Time: 1813.0

Performed routine maintenance IAW Lycoming maintenance manuals. Drained and replaced crankcase oil with 8 quarts of 15W50 Aeroshell and filter with AA48110. Checked cylinder compression to be #1 71/80, #2 70/80, #3 72/80, and #4 70/80. Cleaned, gapped, tested and reinstalled spark plugs. Timing checked to 25 degrees before TDC. Test ran engine with all operations normal and no oil leaks observed.

Marvin Campbell

Sparta Aero Services, Inc. by Marvin Campbell A&P 2808375

I certify that this engine and propeller have been inspected IAW a 100 hour inspection and has been found to be in an airworthy condition at this time.

Sparta Aero Services, Inc. by Marvin L. Campbell A&P 2808375

Marvin Campbell

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

04/03/2015 Drained oil and removed filter. cut open filter and inspected with no irregularities noted. Serviced oil sump with 6 Qrts Aeroshell W80 and 1 Qrt Marvels Mystery Oil for run-up. Installed Tempest AA48110-2 oil filter. Compression tested all cylinders with the following results; 1=78, 2=77, 3=75, 4=74 all over 80. Removed gascolator housing and inspected with no irregularities noted. Removed spark plugs and; cleaned, gapped, inspected, tested and rotated. Replaced two Champion REM40E spark plugs. Timed magnetos to engine and bumped right mag to 25 degrees BTDC.

Maintenance performed by Thomas Mathis 3449886AP for Sparta Aero Services, Inc.

05/27/2015 N20352 Cessna 172M S#: 17261215 ACTT: 1813.7 Hobbs: 2041.9
 Engine: Lycoming O-320-E2D S#: L-32730-27A Tach: 1813.7 TT: 1813.7

Drained oil and removed filter. Serviced sump with 7 qrts Aeroshell 15W50 and new Tempest AA48110-2 oil filter. Removed and replaced magneto gasket p/n(SL12681). Removed crank shaft plug and inspected interior of same, replaced plug with new p/n(STD1211). Lubricated all engine controls. Test ran engine and leak checked with no irregularities noted. I certify that this engine had been inspected IAW appendix D of FAR Part 43- 100hr inspection and has been found satisfactory for return to service.

Thomas Mathis 3449886AP for Sparta Aero Services, Inc.

| | | | |

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE

05/27/2015 **N20352 Cessna 172M** **S#: 17261215** **ACTT: 1813.7** **Hobbs: 2041.9**
Propeller: McCauley 1C160/CTM **S#: 721137** **Tach: 1813.7** **TT: 1813.7**

I certify that this **propeller** has been inspected IAW **appendix D of FAR Part 43- 100hr inspection** and has been found satisfactory for return to service.

Thomas Mathis 3449886AP for Sparta Aero Services, Inc.

Thomas Mathis

11/20/2015 **N20352 Cessna 172M** **S#: 17261215** **ACTT: 1815.0** **Hobbs: 2042.8**
Engine: Lycoming O-320-E2D **S#: L-32730-27A** **Tach: 1815.0** **TT: 1815.0**
Propeller: McCauley 1C160/CTM **S#: 721137** **Tach: 1815.0** **TT: 1815.0**

Removed right magneto and replaced with Kelly Aerospace overhauled mag, p/n(4370R) s/n(D-09252). Timed new mag to engine and ground ran with no irregularities noted. Work performed IAW Lycoming and Slick service manuals.

Maintenance performed by Thomas Mathis 3449886AP for Sparta Aero Services, Inc

Thomas Mathis

ENGINE, LYCOMING O-360-660

DATE: 07/15/2016

Drained oil and removed filter. Cut open filter and inspected with no abnormalities noted. Serviced sump with 7 qrts Aeroshell 15W50 and new Tempest AA48110-2 oil filter. Performed cylinder compression test with the following results; 1=75, 2=76, 3=74, 4=76 all over 80 psi. Removed spark plugs and; cleaned, inspected, gapped, tested, and rotated. Removed and replaced left magneto with Kelly Aerospace overhauled mag p/n(4371R). Timed magnetos to engine @ 25° BTDC. Lubricated all engine controls. Test ran engine and leak checked with no discrepancies noted. All work performed IAW Lycoming service manual.

I certify that this engine had been inspected IAW appendix D of FAR Part 43- 100hr inspection and has been found satisfactory for return to service.

Thomas Mathis, A&P 3449886 for Sparta Aero Services, Inc.

Tomathis

07/15/2016

N20352 Cessna 172M

S#: 17261215

Tach: 1819.4

ACTT: 1819.4

Propeller: McCauley 1C160/CTM

S#: 721137

TT: 1819.4

TSMOH: N/A

Inspected propeller blades for cracks, nicks, dents, abrasions and any abnormal wear. Inspected spinner and mounting back plate for cracks, dents, abrasions, missing screws, and rigidity. Inspected all hardware and safety wire for security and proper installation. I certify that this propeller has been inspected IAW appendix D of FAR Part 43- 100hr inspection and has been found satisfactory for return to service.

Thomas Mathis, A&P 3449886 for Sparta Aero Services, Inc.

Tomathis

Date

Engine: Lycoming O-320-E2D

S#: L-32730-27A

TT: 1823.7

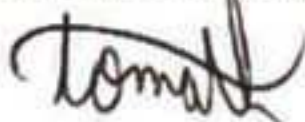
TSMOH: N/A

Date

Drained oil sump and serviced with 7 quarts of Aeroshell 15W50. Performed cylinder compression test with the following results; 1=75, 2=76, 3=72, 4=74 all over 80 psi. Removed spark plugs and; cleaned, inspected, gapped, tested, and rotated. Performed mag-to-engine timing, bumped both magnetos to 25° BTDC. Timing okay. Tightened alternator belt by adjusting bolt, then safety wired in place. R&R Breeze clamp for carburetor heat intake. Cut a whistle slot in oil breather line. Lubricated all engine controls. Test ran engine and leak checked with no discrepancies noted. All work performed IAW Lycoming O-320 service manual.

I certify that this **engine** had been inspected IAW **appendix D of FAR Part 43- 100hr inspection** and has been found satisfactory for return to service.

Thomas Mathis, A&P 3449886 for Sparta Aero Services, Inc.



11/07/2017

N20352 Cessna 172M

S#: 17261215

Tach: 1823.7

ACTT: 1823.7

Propeller: McCauley 1C160/CTM

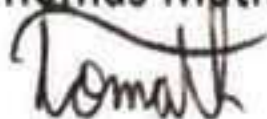
S#: 721137

TT: 1823.7

TSMOH: N/A

Inspected propeller blades for cracks, nicks, dents, abrasions and any abnormal wear. Inspected spinner and mounting back plate for cracks, dents, abrasions, missing screws, and rigidity. Inspected all hardware and safety wire for security and proper installation. I certify that this **propeller** has been inspected IAW **appendix D of FAR Part 43- 100hr inspection** and has been found satisfactory for return to service.

Thomas Mathis, A&P 3449886 for Sparta Aero Services, Inc.



MEMORANDA

Date

End Logbook