

*The Standard*



# AIRCRAFT LOG

ASA-SA-1

DATE 19 <sup>88</sup>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-19-88	1407.7		1407.7	HOBBS 844.4 HRS.
				C/W CESSNA AD 87-20-03 INADVERTENT
				SEAT SLIPAGE I.A.W. PARA (A) 1, 2,
				3, 4, 5, 6 & 7 FOUND (OK) DUE AGAIN
				NEXT ANNUAL INSPECTION.
				C/W BENDIX AD 76-07-12 BY
				OPERATIONAL CHECK OF IGNITION
				SWITCH DUE AT 1507.7 HRS.
				INSTALLED NEW ELT BATTERY
				DUE OCT 1990, COMPLIED WITH
				S.T.C. SA 801 GL WHICH APPROVES
				THE USE OF UNLEADED AUTO GAS



[illegible]

DATE 19 <u>89</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-29-89	TACK	TT	1438.0	<p>HOBBS. 874.7</p> <p>C/W AD 87-20-03 R1 SEAT SLIPAGE BY INSPECTION</p> <p>PER PARA. A 1-7 DUE NEXT ANNUAL INSPECTION</p> <p>C/W AD 76-02-12 BENDIX SWITCH BY OPS CHECK</p> <p>DUE TACK 1538.0</p> <p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE.</p> <p><i>Thur J Long</i> APR 21 5 1964 INSP. AUTH.</p>



DATE 19 <u>90</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1/29				I certify that ATC Transponder Test & Inspection Required by FAR, PART 91.172 have been performed <u>AAC MT-359A</u> S/N _____ DATE <u>1/29/90</u>  S/N _____ DATE _____  <u>William D. Miller</u> For Basler Flight Serv. Inc. CRS 3775 W.O. # <u>11955</u>
4/29	1448.4	-	1448.4	INSTALLED NEW BATTERY EX-12-25 - CLEANED AND TOOK-UP BATTERY BOX - CHECKS OK. <u>Ulf R. Olthoff A&amp;P 1475677</u>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

**SERVICEABLE PART**

**BASLER FLIGHT SERVICE, Inc.**  
 OSHKOSH, WIS. 54903  
 FAA Repair Station 3775

**S. J. WITTMAN FIELD**  
 Phone (414) 235-1740

Item Name \_\_\_\_\_  
 Mfg. Make \_\_\_\_\_  
 Model \_\_\_\_\_  
 S/N \_\_\_\_\_  
 Remarks \_\_\_\_\_  
 Customer Name \_\_\_\_\_  
 Repaired by \_\_\_\_\_  
 Inspected by \_\_\_\_\_

Date \_\_\_\_\_  
 Date \_\_\_\_\_



[illegible]

RECORDING

TOTAL

DESCRIPTION OF INSTRUMENT

# ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

AIRTRONICS, INC.

715-823-2161

P. O. BOX 297

FAA CRS C13-25

CLINTONVILLE, WI 54929

TEST ALT. × 1000 FT.	-1	0	.5	1	1.5	2	3	4	6	8	10	12	14	16	18
TOL. ± FT.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120
ACTUAL ± FT.	-10	-10	-5	0	+10	+10	+20	+30	+30	+20	+20	0	+20	-	
TEST ALT. × 1000 FT.	20	22	25	30	35	CASE LEAK	0	HYSTERSIS TOL. + 75 FT.		ALTIMETER MAKE <u>Garwin</u> MODEL <u>51312N-1</u> S/N <u>A 877</u>					
TOL. ± FT.	130	140	155	180	205	TOL. -100 FT.	0	50% MAX.	+45						
ACTUAL ± FT.						TEMP. °C	20	40% MAX.	+40						

CERTIFIED ALTIMETER PER FAR 43 APP. E TO 15,000 FT.

CERTIFIED AIRCRAFT STATIC SYSTEM PER FAR 91.171.

PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.172 and 91.36 (b) IN ACCORDANCE WITH AC 43-6 AND FAR 43 APP. F.

TRANSPONDER MODEL Cessna RT359A S/N 996

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.

Date 11/14/90W.O. 10378Signed D. McCullough



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
<p>(airframe log)</p> <p><b>MAINTENANCE RELEASE SERVICEABLE COMPONENT</b></p>				
<p><b>Airtronics, Inc.</b> Clintonville Municipal Airport Clintonville, Wis. 54929</p>				<p>FAA CRS JW5R977M</p>
<p>Customer <u>JHANKS BOPA</u></p>				<p>Date: <u>12-10-90</u></p>
<p>Model No. <u>RT-359A</u></p>				<p>W.O. NO. <u>10434</u></p>
<p>Work Performed: <u>REPAIRED A403 A404</u> <u>ALLOWED AND BEHOLD</u> <u>THE END</u></p>				<p>Mfg. <u>ARC</u></p>
<p>Serial No. <u>996</u></p>				
<p>The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.</p> <p>If applicable, the above identified aircraft or component was repaired as required by the above named operators manual or program, and the maintenance rules of the Federal Aviation Regulations under which the operator is certified, and is airworthy and approved for return to service as per those requirements.</p> <p>Pertinent details are on file at this agency under the above named work order number.</p>				
<p>Signed <u>[Signature]</u></p>				

## AC LOG ENTRY

AIRTRONICS, INC.  
FAA CRS C13-25

715-823-2161

P.O. BOX 297  
CLINTONVILLE, WIS. 54929

### Description of work done:

Installation of Terra Blind Encoder, S/N 12817 was accomplished in accordance with manufacturers instructions and 43.13 - 1A & 2A. The transponder system was tested as required by FAR 91.172 and 91.36(b) and was performed in accordance with AC 43-6 and FAR 43 app. F. Cessna RT-359A, S/N 996. The static system was tested per FAR 91.171.

-----END-----

The aircraft and/or component identified hereon was repaired and inspected in accordance with current federal air regulations and was found airworthy for return to service.

Date 12-18-90 W.O. 10378 Signed D. McClellan



AD 86-24-07

AD 79-08-03

DATE 19 <u>91</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-1-91	TACH & TOTAL	TIME	1493 HRS	PERFORMED ROUTINE MAINTENANCE
	& LUBRICATION	PER	CESSNA 172 SERVICE MANUAL.	CHECKED
	PREVIOUS COMPLIANCE	OFF	AD 79-08-03	"ELECTRICAL SYSTEM" CIRCUIT
	PROTECTION	IS PROVIDED.	ONE TIME.	CHECKED PREVIOUS COMPLIANCE
	OF AD 86-24-07	"ENGINE CONTROLS"	BOLT WITH SAFETY NUT	IS INSTALLED. ONE TIME. C/W AD 87-20-03 R2
	BY INSPECTION	PER PAR A) 1-17	DUE EVERY 100 HRS	AND AGAIN
	AT 1593 HRS TOTAL TIME.	C/W AD 70-07-12	"BENDIX IGN. SWITCHES"	BY FUNCTIONAL TEST OF SWITCH. DUE EVERY 100 HRS
	AGAIN AT 1593 HRS TOTAL TIME	SEE ATTACHED LIST	FOR AD LISTING.	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH				AN ANNUAL INSPECTION & WAS FOUND TO BE IN AN AIRWORTHY COND.
& APPROVED FOR RET. TO SERVICE.				Marty. P. [Signature] FOR VALLEY AVIATION CORP.

[illegible]



DATE 19 <u>91</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-4-91	1504.1			REMOVED VOR HEAD INS14R SERIAL NO. 4142
				INSTALLED VOR HEAD INS14R SERIAL NO. 7779
				Jim Bul 389580961

**AIRWICH AVIONICS INC**

OWNER ARC

MANUFACTURER COOSE TUDICAR

PART NAME INS14R

MODEL NO. 7779

SERIAL NO. \_\_\_\_\_

This component part as identified above has been bench checked and inspected and found to be in good serviceable condition.

DATE 1 APR 91

CHECKED BY REC

**Airwich Avionics, Inc.**  
 1611 S. Eisenhower  
 Wichita, Kansas 67209  
 phone (316) 942-8721

AIRWICH AVIONICS INC.

OWNER

ARC

MANUFACTURER

COUSE TUDICAR

PART NAME

IN5148

MODEL NO.

7779

SERIAL NO.

This component part as identified above has been bench checked and inspected and found to be in good serviceable condition.

DATE / APR 11

CHECKED BY Y. A.

**Airwich Avionics, Inc.**

1611 S. Eisenhower  
Wichita, Kansas 67209  
phone (316) 942-8721

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AIRFRAME: JACKED AIRCRAFT, REMOVED WHEELS, GREASED BEARINGS & GEAR, CHECKED BRAKES, ~~CHECKED RETRACTION & EMERGENCY EXTENSION~~. CHECKED ELECTRICAL SYSTEM & BATTERY. CHECKED ALL CONTROLS & OILED AS NEEDED. REMOVED ALL INSPECTION PLATES & CHECKED STRUCTURE. CHECKED COCKPIT BELTS, LIGHTS & INSTRUMENT OPERATION.

OPS CWO ELT BAT DUE 1-93 CWO WITH AD 76-07.12 BY  
OPS CWO WEST DUE 1633 CWO WITH AD 87-20-03 RZ BY  
WSP NEXT DUE AT ANNUAL, REPLACED INSTRUMENT FILTERS  
& CABIN AIR FILTER ELEMENT, INSTALLED OVERHAULED MYFFLER  
ASSEMBLY, REPLACED 3 COIL MOUNTS INSTALLED NEW  
ALT BELT

DATE: 2-10-92 TOTAL AIRCRAFT TIME: 1533

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

Signature

A&amp;P#

$$391546573 \text{ TA}$$

T & J AVIATION INC.  
WAUPACA, WISCONSIN



AIRFRAME: JACKED AIRCRAFT, REMOVED WHEELS, GREASED BEARINGS & GEAR, CHECKED BRAKES, CHECKED RETRACTION & EMERGENCY EXTENSION. CHECKED ELECTRICAL SYSTEM & BATTERY. CHECKED ALL CONTROLS & OILED AS NEEDED. REMOVED ALL INSPECTION PLATES & CHECKED STRUCTURE. CHECKED COCKPIT BELTS, LIGHTS & INSTRUMENT OPERATION.

REPLACED OPS CNKD ELT BAT NEW DUE DATE 3.95  
AND WITH AD 76-07-12 BY OPS CNK NEXT DUE 1/661 CNK  
WITH AD 87-76-03R2 BY WSP NEXT DUE AT ANNUAL INSTALLED  
NEW CUG AIR FILTER ELEMENT REPLACED FWD ROD END HT  
AILERON REPLACED COWL MOUNTS AS REQUIRED

DATE: 3-9-93 TOTAL AIRCRAFT TIME: 1561

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND  
WAS DETERMINED TO BE AIRWORTHY.

Signature

A&P#

391546573 PA

T & J AVIATION INC.  
WAUPACA, WISC.

IONS  
UMBER OF  
ENTRIES.)

DATE

19\_\_

RECORDING

TACH

TIME

# ALTIMETER, STATIC, AND TRANSPONDER CERTIFICATE

Basler Flight Service, Inc.

(414) 236-7827

P.O. Box 2305

FAA CRS SRVR114B

Wittman Regional Airport

Oshkosh, WI 54901

TEST ALT. x 1000 FT.	-1	0	0.5	1	1.5	2	3	4	6	8	10	12	14	16	18	
TOL. +FT.	20	20	20	20	25	30	30	35	40	60	80	90	100	110	120	
ACTUAL +FT.	0	-5	-15	-15	-20	-15	-25	-30	-40	-50	-25	0	+30	+60	+60	
TEST ALT. x 1000 FT.	20	22	25	30	35	CASE LEAK	HYSTERSIS TOL. +75 FT.		ALTIMETER MAKE: <u>GARWIN</u>				ENCODER MAKE: <u>Terra</u>			
TOL. +FT.	130	140	155	180	205	TOL. -100 FT	25	50% MAX.	+	MODEL: <u>S1512N-1</u>				MODEL: <u>AT3000</u>		
ACTUAL +FT.	+65					TEMP. C		40% MAX.	+	S/N: <u>A877</u>				S/N: <u>12817</u>		

CERTIFIED ALTIMETER PER FAR 43 APP. E TO 20000 FT. CERTIFIED AIRCRAFT STATIC SYSTEM PER FAR 91.411.

PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 AND 91.36(b) IN ACCORDANCE WITH AC 43-6 AND FAR 43 APP. F.

TRANSPONDER MODEL

Cessna RT359A

S/N:

996

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for return to service.

Date

Aug 25, 1993

W.O.:

12943

Signed:

[Signature]



19\_\_

RECC  
T  
T

OPS CHKD EMT BAT DUE 3-95 AND WITH AD 81-20-03R2  
BY INSP NEXT DUE AT ANNUAL AND WITH AD 93-05-06  
BY INSTALLING DOOR & SWITCH KIT NEXT INSP DUE 3570  
REPLACED EMT AIR FILTER ELEMENT

DATE: 5-3-94 TOTAL AIRCRAFT TIME: 1570

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

Signature \_\_\_\_\_

A&amp;P#

391546573 FA

T & J AVIATION CO., INC  
WAUPACA, WISCONSIN

DATE

19

AIRFRAME: JACKED AIRCRAFT, REMOVED WHEELS, GREASED BEARINGS & GEAR, CHECKED BRAKES, CHECKED RETRACTION & EMERGENCY EXTENSION. CHECKED ELECTRICAL SYSTEM & BATTERY. CHECKED ALL CONTROLS & OILED AS NEEDED. REMOVED ALL INSPECTION PLATES & CHECKED STRUCTURE. CHECKED COCKPIT BELTS, LIGHTS & INSTRUMENT OPERATION.

Ad# 87-20-03R2 C/W by inspection. Due 5/96.

Ad# 95-03-02 N/A. Type of filter Ass.

Cessna SB# 94-8 C/W by inspection.

Replaced ELT battery & ops checked. Due 4/97.

Replaced vertical fin cap.

Replaced Beacon flashpack with serv, unit.

Serviced shimmy dampener with fluid.

Replaced Rudder to cable bolts.

DATE: 5/9/95 TOTAL AIRCRAFT TIME: 1584.3 & Tack

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.

  
Signature

A&P# 3935889301A

T & J AVIATION CO., INC  
Reedsburg, Wisconsin



[illegible]

19

**AIRFRAME:** Jacked aircraft, removed wheels, greased bearings & gear, checked brakes, ~~checked retraction & emergency extension~~. Checked electrical system & battery. Checked all controls & oiled as needed. Removed all inspection plates & checked structure. Checked cockpit belts, lights & instrument operation. Functionally tested ELT, per 91-207(D). Battery due 12-2006.

Ad# 87-20-03R2 Dated 9-90 C/W by inspection. Due 11-2005.

Ad# 99-27-02 N/A. Affected can not installed.

Ad# 97-01-13 N/A. Type hoses not installed.

Resealed nose strut & serviced with fluid & nitrogen.

Replaced suction regulator filter.

Replaced ELT Battery.

Replaced Aircraft Battery with G-25 Gill.

Replaced 2 cowl mounts.

Date 11-10-04 Total aircraft time 1590-1 TACH 1590.1 I certify this **AIRFRAME** has been inspected in accordance with a Annual inspection per FAR43 App. D and was determined to be airworthy.  
A&P # 393588930 IA T.C.'s Air Care, Reedsburg, WI 53959



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

**AIRFRAME:** Jacked aircraft, removed wheels, greased bearings & gear, checked brakes, ~~checked retraction & emergency extension~~ Checked electrical system & battery. Checked all controls & oiled as needed. Removed all inspection plates & checked structure. Checked cockpit belts, lights & instrument operation. Functionally tested ELT, per 91-207(D). Battery due 12-2006.

Ad# 87-20-03R2 dated 9-90 C/W by inspection. Due 1706.6 TTAF.

Replaced fuse in Cigar lighter.

Adjust Aileron Cables & Tension per Cessna Manual.

Date 12-8-05 Total aircraft time 1607.6 TACH 1607.6 I certify this **AIRFRAME** has been inspected in accordance with a Annual inspection per FAR43 App. D and was determined to be airworthy.  
A&P # 393588930 IA T.C.'s Air Care, Reedsburg, WI 53959

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2012				
6/6	1616.8			Annual inspection completed this date.
	1655			Repaired ground wire on Hobbs. Repaired
	5.6			Fuel leak over RT door with pn 055620-2.
selector valve	13887			Rebuilt fuel valve due to leaks. Replaced
	#17263029			Fuel line to carb. with pn 51167-8-0180.
				Replaced oil lines 51167-6-0260, 51167-6-210,
				51236-3-0184. Replaced vacuum pump 211CC
				#149565. Replaced vacuum line from pump
				to req. Replaced vacuum system filter.
				Replaced seals and fluid in compass.
				Replaced ELT batt. Due again Aug 2014.
				Rebuilt shimmy dampener and serviced
				Repacked all wheel bearings. →



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19__			

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS  
ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF  
MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

**RAPCO, Inc.**

Air Filter P/N 10-00287

Changed at:

Next Change:

1616.8 Hrs.

Hrs.

Date: 6/6/12

Date:

MANDATORY REPLACEMENT: 500 hours in service,  
annually, or pump replacement, whichever comes first.  
Hartland, WI 53029 USA

with fluid. Complied with AD 2011-10-09  
All other AD's complied with.

I certify that this aircraft was ~~inspected~~  
inspected TAV an annual inspection  
and FAR 43 app D and was found  
to be in airworthy condition at  
this time. Trough battery AD 3052430 IA

*[Signature]*

7/24/2012 1635.2

1635.2

Changed oil. ReFill w/ 7qts Phillips x/c 20W50  
No leaks Jan Lee Owner

MODEL 172m  
S/N 17263029  
REG. NO. N13881

ORLANDO AVIONICS CORP., DBA

ORLANDO

**Aircraft** SERVICES

EXECUTIVE AIRPORT • P.O. BOX 140741

ORLANDO, FL 32814

TELEPHONE: (407) 894-9963

DATE 7/25/12  
T.T. 1635.2  
HOUR/M —

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

1) The static pressure system was tested on 7/25/12  
2) The altimeter (s) instrument was / were tested to

20,000 ft. on 7/25/12 (pilot/co-pilot)

3) The automatic pressure altitude reporting system was tested to 20,000 ft. on 7/25/12

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

*[Signature]*

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make ARC Model 2T-359A S/N 996

Make N/A Model — S/N —

Details of this inspection are on file at this

repair station under W/O 113365 Date 7/25/12

ORLANDO AIRCRAFT SERVICES

FAA Approved Repair Station # TP4R552M

601 Humphries Avenue

Orlando, FL 32803 (407) 894-9963

*[Signature]*



DATE  
2012

OF  
IES.)

ORLANDO AVIONICS CORP., DBA

ORLANDO

**Aircraft** SERVICES 

FAA APPROVED REPAIR STATION TP4R552M

EXECUTIVE AIRPORT • P.O. BOX 140741

ORLANDO, FL 32814

TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

Std. Alt.	Error	± Tol
-1000	+10	20
0	0	20
500	+10	20
1000	0	20
1500	+20	25
2000	+10	30
3000	+10	30
4000	+20	35
6000	+30	40
8000	+30	60
10000	+30	80
12000	-10	90
14000	-40	100
16000	-60	110
18000	-70	120
20000	-70	130
22000		140
25000		155
30000		180
35000		205
40000		230
45000		255
50000		280
Before Test	0	
After Test	+10	
Error ± 30	+10	
Up Reading	DN Reading	Error Tol
830	8060	+30 ±75
10030	10050	+20 ±75

This altimeter p/n GARWIN 1313N1 s/n A 8715  
 was functionally tested in accordance with FAR 43, App. E  
 by: ALL [Signature] Date: 7/25/12

ITEM: 9  
3789146  
PN: C156003-0101  
DESC: CAP FUEL

QTY: 1  
U/M: EA

Approving National Aviation  
Authority / Country:  
FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE  
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
3789146

Organization Name  
and Address:  
Cessna Aircraft Company (PC4)  
Cessna Parts Distribution Dept. 702  
5800 E Pawnee, Wichita, KS 67218

5. Work Order/Contract/Invoice Number:  
1266300

Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/ Batch Number	12. Status/Work
9	CAP FUEL	C156003-0101	N/A	1	N/A	New

Remarks:  
AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.  
PO# 002166

4. Certify the items identified above were manufactured in conformity to:  
☒ Approved design data and are in a condition for safe operation  
☐ Non-approved design data specified in Block 13  
19. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in block 13  
Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.


5. Authorized Signature: <i>Keith Thompson</i>	16. Approval/Authorization No.: ODA-100129-CE	20. Authorized Signature:	21. Approval/Certificate No.:
17. Name (Typed or Printed): KEITH THOMPSON	18. Date (m/d/y): MAR/20/2013	22. Name (Typed or Printed):	23. Date (m/d/y):

User / Installer Responsibilities  
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

DECLARATIONS  
CERTIFICATE NUMBER OF  
PER SPECIFIC ENTRIES.)



[illegible]

DATE	RECORDING TACH	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND FLIGHTS	NUMBER OF FLIGHTS
			<p>Annual inspection completed this date: N 13887 S/N 17263029 May 15, 2013</p> <p>Tach Time: <u>1726.2</u> ACTT: <u>1726.2</u></p> <p>Replaced main wheel and brake assembly with Cleveland conversion kit P/N 199-08401. Installed two recap main tires with new tube and bled brakes. Replace nose wheel with new Cleveland 5.00x5 P/N 40-77 and new 5.00x5 Condor nose tire with new tube. Serviced shimmy dampener and lubed nose gear. Replaced aircraft battery with new Gill-25, serviced, charged and installed. Disassembled fuel strainer, cleaned, and assembled with new seals and gaskets. No leaks noted. Removed head liner, removed corrosion, and treated with ACF 50. Removed left and right forward lower panels removed corrosion, cleaned and treated with ACF 50. Replaced vacuum regulator filter P/N B35-1. Replaced landing lamp P/N 4509. Replaced left strobe P/N C622006-0108. Replaced throttle control cable P/N MCC299505-0102. Replace and rigged flap system down cables left and right P/N MC0510105-93 &amp; P/N MC0510105-94. Replaced inoperative alternator (over voltage) warning light. C/W FAR 91.207 ELT operation and inertia test. ELT battery next due Aug. 2014. Lubed all flight controls. Researched AD's. Complied with AD 2011-10-09 seat rail and seat.</p> <p>I certify that this aircraft has been inspected in accordance with an annual inspection in the scope and detail of FAR 43 Appendix D (as applicable to the particular aircraft) and was found to be in airworthy condition.</p> <p>Sign: </p> <p>Jeffrey L. Kuharske A&amp;P 3420762 IA</p>	

Cleveland Brake

Corrosion Treat



DATE

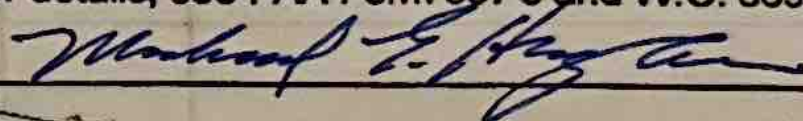
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19\_\_

**LOG ENTRY**  
**CESSNA****AIRFRAME**  
**172M****N13887**  
**S/N 17263029**

May 31, 2013, Tach Reads 1726.7 - Removed ARC RT-328C Nav/Com Transceiver with IN-514R CDI, ARC R-546A ADF Receiver with IN-346A ADF Indicator and L-346A ADF Loop Antenna and Cessna Audio Switching System. Installed Garmin GTR 225 VHF Com Transceiver and PS Engineering PMA4000 Audio Selector Panel/Intercom System. Equipment List and Weight & Balance revised to reflect the changes. Based on the work performed this aircraft was repaired and inspected in accordance with current FAR's and approved for return to service. For details, see FAA Form 337's and W.O. 66961 this Repair Station.

Signature: \_\_\_\_\_

  
CRS OE4R411MThe logo for Avidonics, featuring a stylized 'A' with a swoosh and the word 'AVIONICS' in a bold, italicized sans-serif font.

AD ALTERATIONS  
RTIFICATE NUMBER OF  
IER SPECIFIC ENTRIES.)

N# 13887 M/N 172 M S/N 17263029 Tach: 1774.6 ACTT: 1774.6

Aircraft Log entry: C/W 91.207 ELT Bat Due: (May 2016)

All applicable AD's C/W to the latest AD toolbox update CD #2014-04A

Dated 04/14/2014, Recurring AD's C/W: 2011-10-09 seat & rails.

I certify this aircraft has been inspected I/A/W an Annual inspection  
check list IAW Cessna service manual and per appendix D to PART 43  
in the scope and detail and was determined to be in airworthy condition.

JK Aviation, LLC. Date: 05/08/2014

Sign:

*Jeffrey H. Kuharske*  
Jeffrey H. Kuharske

A&P 3420762 IA

2800 NW 20<sup>th</sup> Trail - Hangar N1

Okeechobee, FL 34972

Direct: (954) 592 0984

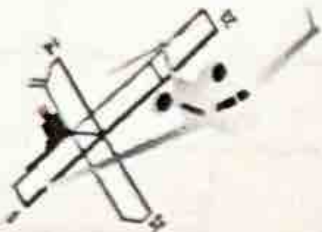
Office: (863) 467 8777

Fax: (863) 467 2777

okeechobeepainting@gmail.com

**OKEECHOBEE**

Painting Center



LOG BOOK SUPPLEMENT



DATE	MAKE: <b>Cessna</b>	MODEL: <b>172M</b>	S/N: <b>17263029</b>
19__	REGISTRATION #: <b>N13887</b>	DATE: <b>06/21/2014</b>	

5  
R OF  
(RIES.)

MAIN JOB: **Strip and Paint with Polyurethane**

PRIMARY COLOR: **Matterhorn White 3Chem G-11-1011B**

TRIM 1: **Aristo Blue AWLGrip G5003**

TRIM 1: **Medium Gray AWLGrip G1007**

CUSTOM PAINTED BY: **Okeechobee painting Center LLC**

The aircraft was stripped, etched, primed and painted with the above colors. The primary and secondary flight controls were removed. The primary flight controls were balanced and found within limits. All work was performed in accordance with the Cessna structural repair manual chapters 19-6, Figure 19-9. All placards and markings were installed per Cessna maintenance manual chapter 11.

The personnel accomplished preventative maintenance on this aircraft during this visit are as follow.

1) Charles Lima      2) Bruno Parola      3) Jose Parola

With respect to the above work performed this aircraft is approved for return to service.

**NEW PAINT**

SIGNATURE

*Thomas M. Mow*

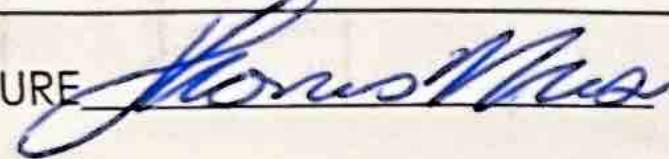
LICENSE #

**A107626647**

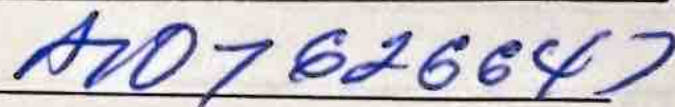
DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME II SERVIC	P G Brito Interior Aircraft Corp.  Okeechobee, FL 34972 Phone: (863) 467 8777 Fax: (863) 467 2777 E-mail:okeechobeepainting@gmail.com	AIRS AND ALTERATIONS AND CERTIFICATE NUMBER OF FOR OTHER SPECIFIC ENTRIES.)

<b>Interior</b>	<b>MAKE: Cessna</b>	<b>MODEL: 172M S/N: 17263029</b>
	<b>REGISTRATION #: N13887</b>	<b>DATE: 6/21/2014</b>
<b>MAIN JOB: Interior</b>		
<b>CUSTOM INTERIOR BY: P G Brito Interior Aircraft Corp.</b>		
<b>Seats and side panels covered with Vinyl:</b>		
<b>Douglas Interior Products - Color: DEV-T79 Med. Gray Test Report: 040414</b>		
<b>G. Baker Steeves - Promnight Foxtrot Lot # 13621 Piece # R1435</b>		
<b>Install new carpet: Douglas Interior Products - Color: 548 SEAL Roll # 79314103</b>		
<b>Report # MHB0111</b>		
<b>Rewebb seat belts: BCB Aviation - Dark Gray, MIL-W-4088, TYPE 24</b>		

SIGNATURE



LICENSE #





DA

19.

CE Avionics, Inc. OE4R411M 2789 Flightline Ave., Sanford, FL, 32773  
LOG ID# 1901 28-August-2014 WO# 68976/1 HOBBS 867.6  
N13887 S/N 17263029 CESSNA 172M

Pg 1 / 1

Garwin	Altimeter	S-1313N1	(S/N A877)
ARC	TRANSPONDER	RT359A	(S/N 996)
TCI	Encoder	SSD120-30	(S/N N16847)

The Altimeter was recertified to 20,000 feet in accordance with FAR Part 43 Appendix E(b). The ATC Transponder Tests and Inspections required by FAR 91.413 were performed and found to comply with FAR 43 Appendix F. The integration test of the automatic pressure altitude reporting system and the ATC transponder mode "C" were performed to 20,000 feet per FAR 43 Appendix E(c) and FAR 91.217(a)(2). The Static Pressure System has been tested and found to comply with the requirements of FAR 91.411.

Based on work performed this aircraft was repaired and inspected in accordance with current FAR's and approved for return to service. See work order for details.



CRS OE4R411M Sandra Heiss

8-28-14  
Date

## Logbook Entry

Date: March 1, 2015

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 1819.8

TTAF: 1819.8

Accomplished a 100 hour inspection of this aircraft I.A.W. FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n RAB3-5-1, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 1919.8 tach or 5/2015

**AD 76-07-12** Ignition Switches Next due at 1919.8 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*



## Logbook Entry

Date: May 30, 2015

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 1900.1

TTAF: 1900.1

Accomplished an Annual hour inspection of this aircraft I.A.W. FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced directional gyro with "New" unit p/n 1U262-001-39 s/n T79783Q, replaced vacuum regulator filter with p/n RAB3-5-1, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, replaced right tire and tube, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2000.1 tach or 5/2015  
**AD 76-07-12** Ignition Switches Next due at 2000.1 tach

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

David Birgmann A/P 359620244 I/A



DESCRIPTION OF INSPECTIONS TESTS REPAIRS AND ALTERATIONS

## Logbook Entry

Date: August 10, 2015

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 1999.40

TTAF: 1999.40

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n RAB3-5-1, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2099.40 tach or 5/2016  
**AD 76-07-12** Ignition Switches Next due at 2099.40 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*



DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND  
Logbook Entry

Date: October 11, 2015

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 2096.80

TTAF: 2096.80

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n RAB3-5-1, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, replaced fire wall cowling chafe seal, replaced three cowling mounts, replaced left and right brake pads with Rapco p/n RA66-105, bleed brake system, serviced nose strut with air, replaced left and right door hold open clips, repired landing light wiring by replacing ring terminal at light, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2196.80 tach or 5/2016  
**AD 76-07-12** Ignition Switches Next due at 2196.80 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*

[illegible]



## Logbook Entry

Date: December 7, 2015  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13887  
Tach: 2194.50  
TTAF: 2194.50

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n RAB3-5-1, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, replaced left and right main landing gear tires with Aero Retread 600x6 tires, bleed brake system, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2294.50 tach or 5/2016  
**AD 76-07-12** Ignition Switches Next due at 2294.50 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*

## Logbook Entry

Date: February 27, 2016  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13887  
Tach: 2290.70  
TTAF: 2290.70

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with **p/n RAB3-5-1**, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, replaced l/h and r/h brake linings with "**Rapco**" **p/n RA66-105** linings, bleed brake system, replaced navigation light on vertical stabilizer with **GE P/N 1777** lamp, serviced aircraft battery, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2390.70 tach or 5/2016  
**AD 76-07-12** Ignition Switches Next due at 2390.70 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A





## Logbook Entry

Date: April 27, 2016  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13887  
Tach: 2383.5  
TTAF: 2383.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with **p/n RAB3-5-1**, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/16**, replaced r/h tire, replaced l/h and r/h brake linings with "**Rapco**" **p/n RA66-105** linings, bled brake system, serviced aircraft battery, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/16**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2483.5 tach or 5/2016

**AD 76-07-12** Ignition Switches Next due at 2483.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

D. Birgmann

## Logbook Entry

Date: June 6, 2016  
Make: Cessna  
Model: 172N  
S/N: 17263029

Reg: N13887  
Tach: 2420.1  
TTAF: 2420.1

Accomplished an Annual inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with **p/n RA03-5-1**, replaced instrument air filter p/n D9-14-5 and next due for replacement 2670.1 tach, cleaned and inspected brake calipers, bleed brake system, serviced aircraft battery, serviced all tires, replaced ELT battery and tested in accordance with FAR 91.207(d) battery due replacement by **JUN/18**. See AD compliance paper work Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2520.1 tach, or 6/2017 **DB**  
**AD 76-07-12** Ignition Switches Next due at 2520.1 tach

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

David Birgmann A/P 359620244 I/A

*D. Birgmann*



## Logbook Entry

Date: June 6, 2016  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13520  
Tach: 2420.1  
TTAF: 2420.1

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program 2A-10-00 Page 1, this aircraft N13887 serial number 17263029 inspection requirements are: Operating usage has been determined as TYPICAL and the operating environment has been determined as MILD/MODERATE.

David Birgmann A&P 359620244 I/A

*D Birgmann*


## Logbook Entry

Date: June 28, 2016  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13887  
Tach: 2480.4  
TTAF: 2480.4

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with **p/n RAB3-5-1**, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, serviced aircraft battery, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2580.4 tach or **6/2018**

**AD 76-07-12** Ignition Switches Next due at 2580.4 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*



DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/5/16	2541.5			Troubleshoot intermittent Airspeed Ind to bad indicator. Removed and reinstalled overhauled indicator. D. C. L. 3416474 AOP 8/5/16
				The static pressure system was tested and inspected as per Part 91.411 IAW Part 43, App E, Pgh A. D. C. L. 8/5/16 For NESA Avionics Inc FAA CRS#V4HR9914

Logbook Entry

Date: August 24, 2016

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 2575.1

TTAF: 2575.1

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, serviced aircraft battery, serviced all tires, replaced right navigation bulb, re terminated landing/taxi light ends with new connectors, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. registration current thru **APR/2018** See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2675.1 tach or **6/2017** **DB**

**AD 76-07-12** Ignition Switches Next due at 2675.1 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A





DATE	RECORDING TACH	TODAYS	TOTAL TIME IN	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS <small>ENTRIES MUST BE ENDOSED WITH NAME, DATING AND CERTIFICATE NUMBER OF</small>
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### Logbook Entry

Date: August 24, 2016  
 Make: Cessna  
 Model: 172M  
 S/N. 17263029

Reg: N13887  
 Tach: 2575.1  
 TTAF: 2575.1

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program  
 Accomplished the required inspections based on time intervals specified in SID. Inspection No. 1 Aircraft  
 Records Review and Inspection No. 25 Horizontal Stabilizer Forward Spar Inspection. Inspections next due  
 at 2675.1 tach or 6/17.

David Birgmann A&P 359620244 I/A

*DB* \_\_\_\_\_

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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
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**H&S AVIONICS, INC 1924 Boston Rd. Bardstown, Ky 40004 502-510-1981**

I certify that the altimeter(s) were tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph

Right altimeter Transfer to 20,000 ft. Left altimeter S/N A877  
The ATC Transponder(s) were tested and inspected as per Part 91.411 IAW Part 43, Appendix E. #1 S/N 996 #2 S/N N/A

Automatic altitude reporting system tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph C to 20,000 feet. The static pressure system(s) were tested and inspected as per Part 91.411 IAW Part 43, Appendix E, Paragraph A.

Signature:

*[Handwritten Signature]*

Date:

9/7/16

For H&S AVIONICS, INC FAA Certified Repair Station #V4HR991Y

*[Handwritten note in orange box: "Pilot's X" and "5/15/16"]*



## Logbook Entry

Date: October 21, 2016

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 2670.5

TTAF: 2670.5

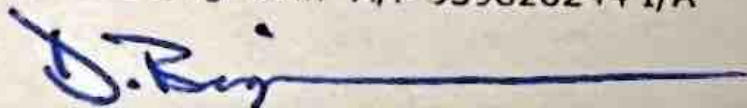
Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, serviced aircraft battery, replaced brake linings with "Rapco" p/n RA66-105 linings and bleed brake system, serviced all tires, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. registration current thru **APR/2018** See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2770.5 tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 2770.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A



DATE

TOTAL  
TIME IN  
SERVICEREFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO  
FAA FORM ACA-227 BY DATE OR TO THE WORK ORDER BY NUMBER AND THE APPROVING AGENCY.

## Logbook Entry

Date: October 21, 2016

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 2670.5

TTAF: 2670.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&amp;P 359620244 I/A





## Logbook Entry

Date: January 2, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 2764.3

TTAF: 2764.3

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, replaced vacuum regulator filter with p/n **B3-5-1**, serviced aircraft battery, replaced left and right main tires, replaced Oil Temperature gauge/Probe with p/n **442792-38** s/n 164089, repaired landing light wire, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018** See AD compliance paper work.

Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2864.3 tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 2864.3 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

DATE

TOTAL  
TIME IN

REFERENCE OF MAJOR REPAIRS AND MAJOR ALTERATIONS TO

## Logbook Entry

Date: January 2, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 2764.3

TTAF: 2764.3

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17 , supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&amp;P 359620244 I/A



Date: February 28, 2017  
Make: Cessna  
Model: 172M  
S/N: 17263029

Reg: N13887  
Tach: 2856.5  
TTAF: 2856.5

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, replaced vacuum regulator filter with p/n **B3-5-1**, replaced aircraft battery with GIL p/n G25, replaced battery contactor/relay with Lamar p/n X61-0028, replaced starter contactor/relay with Lamar p/n X61-0030, Replaced alternator with Ford p/n DOFF10300J s/n A71101, replaced over voltage sensor with FAA/PMA approved Lamar p/n V11100 s/n XOL031, replaced capacitor with p/n TAV-1315, accomplished engine runs and aircraft charging system was normal, test tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018** See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 2956.5 tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 2956.5 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

*D. Birgmann*

DA1

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SERVICE

## AIRWORTHINESS DIRECTIVES

CHRONOLOGICAL LISTING OF COMPLIANCE AND METHOD OF COMPLIANCE.

## Logbook Entry

Date: February 28, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 2856.5

TTAF: 2856.5

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&amp;P 359620244 I/A





## Logbook Entry

Date: April 16 28, 2017  
Make: Cessna  
Model: 172M  
S/N: 17263029

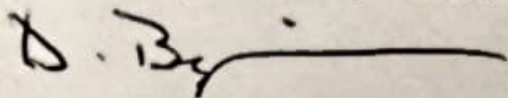
Reg: N13887  
Tach: 2956.1  
TTAF: 2956.1

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, inspected instrument air filter p/n D9-14-5 and next due for replacement **MAY/17**, replaced vacuum regulator filter with p/n **B3-5-1**, replaced left and right tires, replaced left and right brake pads with Cleveland p/n 066-105, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018** See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 3056.1 tach or 6/2017  
**AD 76-07-12** Ignition Switches Next due at 3056.1 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 359620244 I/A

  
Logbook Entry

DATE

TOTAL

## CURRENT WEIGHT AND BALANCE INFORMATION

## Logbook Entry

Date: April 16, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 2956.1

TTAF: 2956.1

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&amp;P 359620244 I/A






## Logbook Entry

Date: May 20, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 3053.8

TTAF: 3053.8

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced 3 cowling shock mounts with p/n J-7444-14, replaced instrument air filter p/n D9-14-5 and next due for replacement **MAY/18**, replaced vacuum regulator filter with p/n **B3-5-1**, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018** See AD compliance paper work.

Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 3153.8 tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 3153.8 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

*D. Birgmann*

DATE

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TOTAL  
TIME IN  
SERVICE

## EQUIPMENT ADDITION, REMOVAL OR EXCHANGE

ITEM — MFG NAME — MODEL — SERIAL

## Logbook Entry

Date: May 20, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 3053.8

TTAF: 3053.8

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&amp;P 3958469 I/A

☐ Addition of Required—Exchanged for Optional☐ Removal of Required—Exchanged for Optional



## Logbook Entry

Date: June 17, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 3143.7

TTAF: 3143.7

Accomplished an Annual hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced 3 cowling shock mounts with p/n J-7444-14, replaced instrument air filter p/n D9-14-5 and next due for replacement **MAY/18**, replaced vacuum regulator filter with p/n **B3-5-1**, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018** See AD compliance paper work.

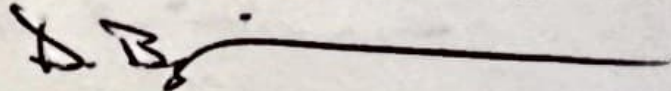
Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 3243.7 tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 3243.7 tach

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

David Birgmann A/P 3958469 I/A



## Logbook Entry

Date: June 17, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13520

Tach: 3143.7

TTAF: 3143.7

With reference to Supplemental Inspection Document and Corrosion Prevention and Control Program Document D972-4-13 accomplished the required inspection operation 1 and inspection operation 25 "Inspect Horizontal Stabilizer Forward Spar" with reference to section 2A-14-17, supplemental inspection document number 55-11-01, for inspection procedure.

David Birgmann A&P 3958469 I/A

*D. B.*



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## Logbook Entry

Date: July 23, 2017

Make: Cessna

Model: 172M

S/N: 17263029

Reg: N13887

Tach: 3240.0

TTAF: 3240.0

Accomplished a 100 hour inspection of this aircraft in accordance with FAR 43 appendix D in addition to the Cessna Service Manual Inspection checklist, opened inspection panels and inspected structure and skin, lubricated airframe using the Cessna MM as a guide, replaced vacuum regulator filter with p/n **B3-5-1**, replaced left and right brake linings with Cleveland p/n 066-105, bleed brake system, tested ELT in accordance with FAR 91.207(d) battery due replacement by **MAY/18**. Registration current thru **APR/2018**. See AD compliance paper work. Accomplished the following AD's:

**AD 11-10-09** Seat Track Wear And Pin Engagement next due at 3340. tach or 6/2017

**AD 76-07-12** Ignition Switches Next due at 3340.0 tach

I certify that this aircraft has been inspected in accordance with a 100 hour inspection and was found to be in an airworthy condition.

David Birgmann A/P 3958469 I/A

