

MAKE Cessna MODEL 172N DATE OF  
 REGISTRATION NUMBER 17270168 N738RA  
 OWNER Flying T Aviation LLC

DATE	MANUFACTURER	MODEL	...
9-2-99	TACH	3271 hrs.	

I Certify that the ATC Transponder Tests and Altitude Reporting Tests & Inspections required by FAR 91.413 & 91.217 has been performed this date, and found to comply with FAR Part 43 Appendices E & F.  
 MFG ARC Model RT-359A S/N 15514  
 RO# 11153 Date 9-2-99  
 Signed [Signature]  
 For Avionic Systems, Inc., Repair Station MR2R015L Radio.

I Certify that the ALTIMETER SYSTEM Test and Inspections Required by 91.411 has been performed this Date and found to comply with FAR Part 43 Appendices E & F.  
 The Altimeter was tested to 20,000 feet on 9-2-99 Date. Static System Test 9-2-99 Date.  
 Signed [Signature]  
 For Avionic Systems, Inc., Repair Station MR2R015L Radio.

8-29-01 TACH 3819 N 738RA  
 Reinstalled AR-850 s/n 54597 after factory Repair

I Certify that the ATC Transponder Tests and Altitude Reporting Tests & Inspections required by FAR 91.413 & 91.217 has been performed this date, and found to comply with FAR Part 43 Appendices E & F.  
 MFG ARC Model RT-359A S/N 15514  
 RO# 11886 Date 8-29-01  
 Signed [Signature]  
 For Avionic Systems, Inc., Repair Station MR2R015L Radio.

I Certify that the ALTIMETER SYSTEM Test and Inspections Required by 91.411 has been performed this Date and found to comply with FAR Part 43 Appendices E & F.  
 The Altimeter was tested to 20,000 feet on 7-16-01 Date. Static System Test 8-29-01 Date.  
 Signed [Signature]  
 For Avionic Systems, Inc., Repair Station MR2R015L Radio.

5-05  
 TACH TIME: 4460.3 RPM.

I Certify that the ATC Transponder Tests and Altitude Reporting Tests & Inspections required by FAR 91.413 & 91.217 has been performed this date, and found to comply with FAR Part 43 Appendices E & F.  
 MFG Cessna Model RT-359A S/N 15514  
 RO# 1008974 Date 1-5-05  
 Signed [Signature]  
 For Trego Dugan Aviation, CRS-HVJR859E

I Certify that the ALTIMETER SYSTEM Test and Inspections Required by 91.411 has been performed this Date and found to comply with FAR Part 43 Appendices E & F.  
 The Altimeter was tested to 20,000 feet on 1-4-05 Date. Static System Test 1-5-05 Date  
 Signed [Signature]  
 for Trego Dugan Aviation, CRS-HVJR859E

Date 4/20/2009 N738RA Cessna 172N Tach 4615.4

The altimeter, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E and F.

System certified to : 20,000 ft

Altimeter #1: 5934P-1 S/N: L7624

Altimeter #2: N/A S/N: N/A

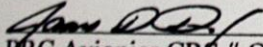
Transponder #1: RT359A S/N: 15514

Transponder #2: N/A S/N: N/A

Encoder #1: AR-850 S/N: 54597

Encoder #2: N/A S/N: N/A

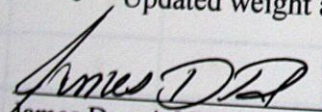
Details of these inspections are on file at this repair station under WO#265 Date 4/20/2009

  
PRC Avionics CRS # QYKR958X

### *Crete Aviation, Crete, NE.*

N738RA Cessna 172N Tach: 4673.0, Date 5/25/2012

- Removed the following
  - Cessna 300 ADF
  - Cessna RT-359A Transponder
  - Narco AR-850 Encoder.
  - Transponder wiring
- Installed the following:
  - King KT-76A Transponder P/N 066-1062-000 S/N 14217
  - New Transcal 20,000ft Encoder P/N SSD120-30N S/N N1307N
  - New wiring harness for transponder to encoder supplied by Park Rapids Avionics
- Replaced coaxial cable from transponder to antenna
- Updated weight and balance and installed in aircraft.

  
James Dux A&P 2815885

Date 5/25/2012 Cessna 172N N738RA Tach: 4673.0

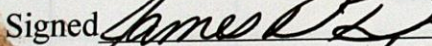
The encoder, transponder, static system tests required by FAR 91.411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E par(a) and F.

Details of these inspections are on file at this repair station under WO #3384

Tested to 20,000 feet.

Transponder #1 KT-76A S/N: 14217

Encoder #1: SSD120-30N S/N: N1307N

Signed   
PRC Avionics CRS # QYKR958X

Date: 5/25/2012

TULSA AVIONICS SERVICES, INC. RS# U5WR019B

REF. WO# 32013

MODEL: C172N

N 738RA S/N 17270168

TOTAL TIME: 2766.2

TOTAL LDGS: N/A

I CERTIFY THE ALTIMETER, STATIC SYSTEM,  
TRANSPONDER AND ALTITUDE REPORTING TEST  
REQUIRED BY FAR'S 91.411, 91.413 & 91.217 HAVE BEEN  
PERFORMED AND FOUND WITHIN THE LIMITS OF FAR 43  
APPENDICES E & F AND AC43-6D.

TESTED TO: 20,000 FEET ON 10-27-25

TRANSPONDER #1 GL88 SN 22T004958

ADAHRS #1: EFD1000 SN 22763

ADAHRS #2: EFD1000 SN 22761

STANDBY: 5934P-1 SN L7624

TRANSPONDER #2 N/A

SIGNED: Kim Wickel REP. CERT# 3437417

COMPLETION

5-19-98

2990.1

AFTT 2990.1

Annual aircraft as required for 100  
hour - annual Insp. Installed new main  
tires cleaned and packed all wheel bearings  
serviced nose strut. Lubed cables and pulleys  
as required. Checked all flight controls  
for proper operation and security.

Checked EIT per current FARs. Installed  
new aircraft battery. Checked ADS to date  
see current list this date. I certify

this aircraft has been inspected I/A/W AN  
ANNUAL-100HR inspection and has been  
found to be in an airworthy condition

James Ad

ATP 497742765 IA

COMPLETION  
 6-13-98 TACH 3005hrs  
 Removed IND-350 & CESSNA AUDIO SWITCH  
 Panel. Installed COLLINS IND-351A, AMR-350  
 GLS-350 & CF-102 MRR ANT. WIRED INTO  
 EXISTING AIC WIRING AS REQUIRED &  
 Per MFG INSTALLATION MANUALS & INSTRUCTIONS  
 See W/O for changes. FUNCTION CHECKED  
 & FOUND ALL FUNCTIONS TO OPERATE PROPERLY.

MAINTENANCE RELEASE

The radio and/or component identified was installed and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under the work order number noted.

W. O. No. 10601 Date 6-13-98

Signed by Ann Embler  
 for AVIONIC SYSTEMS, INC., CERT. MR2R015L

COMPLETION  
 7-13-98 3040.1  
 Installed SERVICEABLE NOSE TIRE. Filled  
 Landing Life Switch Cleaned AIRCRAFT  
 Belly and the INSIDE Replaced missing  
 screw in RT window. James Lal  
 AIP 499742765 TFI AIRCRAFT

8-20-98 3098.6  
 Opened Aircraft as required for 100-  
 HR Inspection. Installed Bernical  
 VBC pump, reset trim indicator.  
 Checked flight control for condition  
 and operation. Checked EIT per  
 Current FARs Checked ADS to date.  
 I Certify this aircraft has been  
 inspected I/AW AN 100 HR Inspection  
 AND HAS BEEN FOUND TO BE IN AN  
 Airworthy Condition. James Lal  
 AIP 499742765 IA

DATE OF COMPLETION	AIRCRAFT IN SERVICE	WORK PERFORMED/RETURNED TO SERVICE
5-23-99	3192.6	Opened aircraft as required for 100 hr inspection. Cleaned and repacked Main wheel bearings. Repacked nose wheel bearings with new and packed. Cleaned Battery Box and serviced Battery. Checked all controls for proper operation and security. Lubed cables & pulleys, rod ends and bearings as required. Checked ELT per current FAR's. Checked applicable AD's to date - see current Compliance List. I Certify this aircraft has been inspected I/A/W a 100 hr inspection and has been found to be in Airworthy Condition - Dal K. Juyne ATP 507646138 - END
5-23-99	3197.6	I certify THIS AIRCRAFT HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION James Fulmer ATP 499742765 ID

DATE OF COMPLETION	AIRCRAFT IN SERVICE	WORK PERFORMED/RETURNED TO SERVICE
6/5/99	3208.6 T1AF	Removed Attitude Indicator & Directional Gyros. Installed Overhaul Unit, AT P/N 5000B-90 Sigmetec, S/N 367096J + DG P/N 4009-B. Sigmetec, S/N 22775E. See attached FPA Form 8130-3 at rear of Logbook. OK for Return to Service. Dal K. Juyne ATP 507646138 - END
6/18/99	3212 T1AF	Removed Cracked Top Rudder Cap and replaced with Aireff Labelament Part # 220-4-19 Fiberglass Unit. OK for Return to Service - Dal K. Juyne ATP 507646138 - END
9/17/99	3290.0	Open aircraft as required for 100 HR Inspection. Cleaned & repacked wheel bearings. Serviced battery and cleaned box. Checked all controls for proper operation and security. Lubed cables, pulleys, rod ends & bearings as required. Inspected all plumbing, electrical wiring & fuel lines. Replaced ELT Battery BP1020. Checked & tested I/A/W FAR: BATTERY Due Oct 2001. Checked applicable AD's to date. See current AD Compliance List. I Certify this aircraft has been inspected I/A/W a 100 hr inspection and has been found to be in Airworthy Condition. Dal K. Juyne ATP 507646138 - END

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	OR APPROVED	TO SERVICE
11/30/99	3390.0 Tact	Opened aircraft as required for 100 hr inspection. Cleaned & repacked wheel bearings - replaced brake pads - Pages 66-00109 checked all controls for proper operation & security. Lubed cable pulleys, rod ends and bearings as required. Inspected all plumbing electrical & fuel lines. Serviced battery & cleaned drox. Checked applicable AD's to date. See Current AD Compliance list. I certify this aircraft has been inspected I/A/w a 100 hr inspection and has been found to be in airworthy condition. Dadd K. Jung A/P 507646138 END	
5/19/00	3490.0 Tact	time Opened aircraft as required for 100 hr Insp. cleaned & repacked wheel bearings, checked brake pads. Checked all controls & cables for proper operation and security. Lubed cable pulleys, rod ends & bearings as required. Inspected all plumbing, fuel & electrical. Replaced dome light switch w/cessna p/NIS1831-1. Checked applicable A-D's to date. See Current AD Compliance list. I certify this aircraft has been inspected I/A/w a 100 hr Insp and has been found to be in Airworthy Condition. Dadd K. Jung A/P 507646138 END	

	Tact 3490.0	5/20/00	I certify this aircraft has been inspected in accordance with an annual inspection and has been determined to be in an airworthy condition. John Witthorn 3217341IA
11-01-00	3590.0 Tact	Time. Cleaned & Opened aircraft as required for 100 hr inspection. Cleaned & repacked wheel bearings. Checked brakes. Checked all controls and cables for proper operation and security. Lubricated cable pulleys, rod ends & bearings & hinges as required. Inspected fuel lines and electrical wiring. Checked applicable AD's to date. See current AD Compliance List. I certify this aircraft has been inspected I/A/w a 100 hr inspection and has been found to be in airworthy condition. - Dadd K. Jung A/P 507646138 - END -	

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION
3-30-01	3684.3	Tach Time Hobbs 1613.5 Opened and cleaned aircraft as required for 100 hr. Inspection. Cleaned and repacked wheel bearings and checked brakes. Checked all controls for operation & security. Lubricated cable pulleys rod end & bearings as required. Inspected all plumbing and electrical wiring. Cleaned battery box and service battery. Adjusted fuel level sensor in left wing tank for proper indication. Checked applicable AD's to date. See AD compliance list. I certify this aircraft has been inspected IAW a 100 hour inspection and has been found to be in Airworthy Condition. Dall & Jungren ATP 507646138-END.
3-30-01	TACH 3684.3	AFTT 3684.3 Hobbs 1613.5 I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION. James G. Johnson ATP 499792765 IA

		8/5/01 Tach 3790.8 Opened aircraft for inspection lubed cables and hinge points Inspected brakes and wheel bearings. I certify that this aircraft has been inspected IAW 100 hour inspection and found to be in an airworthy condition Joe Stalid 2619179A&P 8/5/01
10/5/01	3840.3	Tach Time Replaced ELT Battery (ATAAC BP 1020) Checked & Tested IAW FAR's Battery Due Oct 2003 — END — Dall & Jungren ATP 507646138

DATE OF COMPLETION	IN SERVICE	DESCRIPTION
11-6-01	3890.0	TAF Line Opened and cleaned aircraft as required for 100 hr inspection. Performed light maintenance as needed and complied with all service items as required. Checked applicable AD's to date. See AD compliance list. END — Dall K Jung — AIP 507646138
3/21/02	3984.5	TTAF Opened and cleaned aircraft as required for 100 hr inspection. Performed light maintenance as needed and complied with all service items as required. Checked all applicable AD's to date. See AD compliance list. I certify this aircraft has been inspected IAW a 100 hr inspection and has been found to be in Airworthy Condition. Dall K Jung — AIP 507646138 — END
3-21-02	3984.5	TTAF I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN A AIRWORTHY CONDITION. James Hofman AIP 499742765 IA

DATE OF COMPLETION	IN SERVICE	DESCRIPTION
9-10-02	4086.1	opened and cleaned aircraft as required for 100 hr inspection. Performed light maintenance as needed and complied with all service items as required. Checked all applicable ADs to date. See AD compliance list. I certify this aircraft has been inspected IAW a 100 hr inspection and has been found to be in Airworthy Condition. James W. Johnson — AIP 499742765 IA — End
		CW AD 87-20-03-R3 SEAT TRACK INSP CW AD 01-23-03 MAP LIGHT INSP AD 06-06-01 NA - SN FUEL STRAP AD 02-12-07 NA - NOT INSTALLED
<p>I certify that this Aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition</p> <p>Date: <u>9-10-02</u> Time in service: <u>4086.1</u> Name: <u>J. Johnson</u> No: <u>499742765</u></p>		<p><u>J. Johnson</u> AIP 499742765</p>

COMPLETION  
 05-16-03 4190.1 opened aircraft for inspr.  
 cleaned and lubed as required  
 checked Eht per current FARs  
 checked Seat Rails per A.D.  
 87-16-57 R7 See list Inspected  
 tires wheels and Brakes Serviced  
 nose strut. Performed Lite MX as  
 needed.

I certify that this Aircraft has  
 been inspected in accordance with a  
100 HR inspection and was  
 determined to be in airworthy condition  
 Date 05-16-03 Time in service 4190.0  
 Name: J. Pol No: 42827248

**T & J Aircraft**  
 Inspection and Repair  
 Broken Bow Airport  
 RR 3 Box 83, 68622  
 Pk. 808-872-2875 Cell 880-0205

COMPLETION  
 5-30-04 4368.5 AETT

Opened Aircraft FOR Inspection  
 CLEANED AND REPACKED WHEEL BEARINGS  
 Installed NEW TIRES AND BRAKE PADS  
 Lubed All Flight Controls REPLACED Pilot  
 Side SEAT RAILS. Installed NEW AIR FILTER.  
 CHECKED FIT PERFORMED LITE MX AS REQUIRED.  
 CHECKED AFS TO DATE. SEE LIST.

I certify that this Aircraft has  
 been inspected in accordance with a  
ANNUAL inspection and was  
 determined to be in airworthy condition  
 Date 5-30-04 Time in service 4368.5  
 Name: J. Pol No: 499742165


**T & J Aircraft**  
 Inspection and Repair  
 Broken Bow Airport  
 RR 3 Box 83, 68622  
 Pk. 808-872-2875 Cell 880-0205


DATE OF COMPLETION	AIRCRAFT IN SERVICE	DESCRIPTION OF INSPECTION - STATUS & DISCREPANCY LIST
4512.9 TPAF 2527.7 Hobbs 6-1-05		Opened & cleaned aircraft as required for 100 hr Insp. Serviced Battery & checked electrical systems. Cleaned, lubed & inspected controls, cables, rod ends & pulleys, repacked wheel bearings & serviced nose strut w/5006 fluid and re-inflated. Replaced two dented pushrod tubes and one pushrod P/N LW15315. Performed compression check - all cylinders 70/50 or better, cleaned and regaped plugs, checked timing, checked carb air box and adjusted. Checked all applicable AD's to date - See AD Compliance list. I certify this aircraft has been inspected IAW a 100hr inspection & has been found to be in Airworthy Condition. Dahl K Jung AIP 1880385 END
6-1-05 Tach reads 4512.9		
I certify this aircraft has been inspected IAW an annual inspection and is approved for return to service. All ADs up to date.		
Tim Welch A&P 511728121 IA Tim Welch		

DATE	AIRCRAFT IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6/15/06 TPAF Hobbs	4573.6 2592.8	Opened & cleaned aircraft as required for 100 hr inspection. Cleaned, inspected, & lubed controls, cables, pulleys & rod ends. Checked electrical system & serviced battery. Cleaned & repacked wheel bearings. This aircraft has been inspected IAW a 100hr inspection and has been found to be in Airworthy Condition. All applicable AD's complied to date see Compliance sheet. AIP 1880385. Dahl K Jung - END -
6-15-06	4573.6	I certify I have inspected this aircraft IAW an annual inspection and it is approved for return to service Tim Welch A&P 511728121 IA


DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR	SERVICE
7/10/07	Hobbs 267.1	Opened & cleaned aircraft as required to perform a 100 hr inspection. Cleaned, inspected and lubed controls, cables, pulleys, and rod end bearings. Checked electric system and serviced battery. Cleaned and repacked wheel bearings, inspected tires & brakes. All applicable AD's complied with to date. See AD Compliance Sheet. This aircraft has been inspected IAW a 100hr inspection and determined to be in airworthy condition at this time.	71
TIAF	4595.0	DAHLK JUNGREN A+P 1880385 - Dahlk, Jungren - END	
7-10-07	Tach 4595.0	I certify this aircraft has been inspected IAW an annual inspection and it is approved for return to service.	
		Tim M AEP 511728121 IA	

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR	SERVICE
7/15/08	Hobbs 2626.7	Opened & cleaned aircraft as required to perform a 100 hr inspection. Cleaned, inspected and lubed controls, cables, pulleys & rod ends. Serviced battery and insp elec system. Inspected tires, brakes & wheel bearings. All applicable AD's complied with to date. See AD Compliance Sheet. This aircraft has been inspected IAW a 100hr insp and has been determined to be in airworthy condition at this time. A+P 1880385 Dahlk, Jungren - END	
TIAF	4601.4		
7-15-08	Hobbs 2626.7	I certify this aircraft has been inspected IAW an annual inspection and it is approved for return to service.	
TIAF	4601.4	Tim M AEP 511728121 IA	

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
7-19-09		Cleaned & opened A/C as required to perform a 100hr insp
TTAF	4620.6	Cleaned inspected & lubed controls, cables, pulleys, and rod ends bearings. Checked electrical system and serviced battery. Cleaned and repacked wheel bearings, inspected tires, wheels & brakes. ELT Bat Due 7/12. All applicable AD's complied with to date. See AD Comp Records. This Aircraft has been inspected IAW a 100 hr Insp and determined to be in airworthy condition at this time.
<p>I cert. to this aircraft was inspected IAW an 100 HR inspection and is approved for return to service  Travis W. Lattin AIP511728121</p>		
<p>I Certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.  Date: <u>7-27-09</u> Total Time <u>4620.6</u>  Tach Time <u>4620.6</u></p> <p>  Travis W. Lattin 5128816191A</p>		

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8/1/10	4642.0	Cleaned & Opened A/C as required to perform 100 HR Insp. Inspected, cleaned & lubed control cables pulleys & rod ends as needed. Checked electrical systems & serviced battery.
Hobbs	2672.2	Cleaned and repacked wheel bearings, inspected tires wheels & brakes. ELT BAT DUE 7/12 - TRANSPONDER/Static check 4/11. All applicable AD's complied with to date - see AD Compliance Sect. This Aircraft has been inspected IAW an 100hr Inspection and determined to be in airworthy condition at this time. OK for Return to Service - END - DARRK Jumper AIP1880385
<p>I Certify that this <u>Aircraft</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.  Date: <u>8-1-10</u> Total Time <u>4642.0</u>  Tach Time <u>4642.0</u></p> <p>  Travis W. Lattin 5128816191A</p>		

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON
9-1-2011		Cleaned + Opened A/C as required for 100 hrs insp. Inspected
TTAF	4662.8	cleaned + Lubed as needed all control cables, pulleys, & rod ends
Hobbs	2694.2	Cleaned battery box and installed new Cell 6-242 Battery and inspected all lights & electrical system Inspected landing gear system, tires, wheels, & brakes. All applicable AD's complied with to date - see AD Compliance sheet. ELT BAT Due 7/12. This aircraft has been inspected IAW a 100hr inspection deemed to be in airworthy condition at this time. OK for return to Service. — A/P 1880385 — Dahl K Jurg — END —


I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.  
 Date 9-1-2011 Total Time 4662.8  
 Tach Time 4662.8  
  
 Travis W. Lattin 5128816191A

DATE	IN SERVICE	SIGNATURE - CERT. NO. OF PERSON
9/10/12		Cleaned + Opened Aircraft as required for 100 hrs insp.
TTAF	4676.7	Inspected cleaned + Lubed as needed all control cables, pulleys & rod ends. Cleaned battery box, and serviced battery, inspected electrical system & lights. Insp landing gear wheels tires & brakes. All applicable AD's complied with to date - See AD Compliance sheet. ELT Batteries Due 7/17 This Aircraft has been inspected IAW a 100hr inspection and was deemed to be in airworthy condition at this time, OK for Return to Service. Dahl K Jurg A/P 1880385 — END —

I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.  
 Date 9/10/12 Total Time 4676.7  
 Tach Time \_\_\_\_\_  
  
 Travis W. Lattin AP36956681A

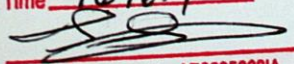
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10/10/13		Cleaned & opened A/C as required for 100 hr inspection. All
TAF 4676.7		control cables bellcranks rod ends & pulleys inspected on lubes
Hobbs 2702.5		as required. Cleaned & serviced Battery & Elect system. Insp
		landing gear, wheels, tires, & brakes All applicable AD's
		Complied with to Date. See AD compliance sheet. Installed
		New Airtex Aircraft Carpet & Repainted plastic interior panels
		Installed Cessna Pilot seat safety Stop as per Cessna Drawing
		This Aircraft has been inspected IAW a 100 hr Inspection and
		was found to be in airworthy Condition. OK for return to service
		Dahl K Jurg AP 1880385

I certify that this Aircraft has been inspected  
 in accordance with a ANNUAL  
 inspection and was determined to be in airworthy  
 condition.  
 Date 10/10/13 Total Time 4676.7  
 Tach Time 2702.5

  
 Travis W. Lattin AP36956681A

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11/10/14		Cleaned & Opened aircraft as required for 100 hr inspection. Cleaned lubed &
TAF 4676.7		inspected all control cables, pulleys, & Rod ends. Cleaned battery box and
Hobbs 2702.5		serviced battery & inspected electrical system & wiring & lights
		Inspected landing gear, wheels, brakes & tires. All applicable
		AD's Complied with to date - See AD compliance sheet.
		ELT Batteries Due 7/17 This Aircraft has been inspected
		IAW a 100 hr Inspection and was determined to be in one
		Airworthy Condition at this time and is approved for Return to
		Service - AP 1880385 - Dahl K Jurg - END

I certify that this Aircraft has been inspected  
 in accordance with a Annual  
 inspection and was determined to be in airworthy  
 condition.  
 Date 11-10-14 Total Time 4676.7  
 Tach Time 2702.5

  
 Travis W. Lattin AP36956681A

DATE IN SERVICE  
01 April 2020 TTAFA4680.0 Tach 4680.0 Hobbs 2707.0

Removed Lycoming O-320-H2AD S/N L-3177-76 and McCauley Propeller S/N 732495 and installed Lycoming O-360-A4M S/N L42753-36E & Sensenich Propeller S/N 103838K Mod76EM8S14-0-60 IAW instructions and drawings in Air Planes Services Corporation STC #SA4428SW revision 18 dated 30 JUN,2000. Inserted Aircraft Flight Supplement into POH. Installed new AWI Muffler P/N A1754001-25 S/N45079. Removed engine & fuel gauges and installed JPI EDM900 TSO'd Primary engine instrument IAW instructions and drawings in J P Instruments STC SA1435SE Dated 13 DEC 2004. Installed supplement in POH. Installed Tanis Cold Weather Engine Heater Kit TSP4CYL-2925 IAW Tanis Aircraft Products STC SE03232CH Install Document TNP2925 Rev D Dated 10 SEP 2014. Installed Door Stewards IAW Drawings and instructions in A P Enterprizes,LLC STC SA008715E Dated 9 SEP 2002. Removed Cessna sunvisors & installed Rosen Sunvisor system IAW Drawings and instructions in Rosen Sunvisor Systems,LLC STC SA008715E Dated 8 APR 2005. This aircraft was weighed and moment calculated. BEW 1537# CG MOM 58.55 Installed New Gil 7242-16 Battery S/N G03087459, Mfg date 15 Feb 2020. Inspected aircraft IAW Cessna Maintenance Manual, packed wheelbearings. Replaced brake hoses from master cylinders to brake lines, cleaned and bled brakes. Checked ELT, bat due 2022. All applicable AD's complied with to date. See AD compliance sheet. Performed operational check OK, no leaks found at this time. This aircraft has been inspected IAW a 100 hr. Inspection was found to be in airworthy condition at this time and is approved for return to service.

*[Signature]*  
A&P1880385-end-

I certify that this Aircraft has been inspected  
in accordance with a Annual  
inspection and was determined to be in airworthy  
condition.  
Date 4-1-2020 Total Time 4680.0  
Tach Time 4680.0

*[Signature]*  
Travis W. Lattin AP36956681A

Park Rapids Avionics 301 Airport Road Park Rapids, MN 56470 K15R981Y  
LOG ID# 2342 02-April-2020 WO# 4233-0 HOBBS 2719.9  
N738RA S/N 17270168 CESSNA 172N

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Installed the following equipment: a. PS Eng PMA-8000BT Audiopanel/Intercom/MKB p/n 050-890-0702 s/n CBT3748-d b. Garmin GTN-750 Nav/Com/GPS p/n 011-02282-00 s/n 1ZA017287 c. Garmin GA-35 GPS Antenna p/n 013-00235-00 s/n 120979 d. Garmin GTX-32 Remote Transponder p/n 011-011-00768-00 s/n 73900666 e. Aspen EFD 1000 EFIS (PFD) Display p/n 910-00001-001 s/n 22761 f. Aspen EFD 1000 EFIS Remote Sensor Module p/n 910-00003-001 s/n 201218 g. Aspen EFD 1000 EFIS Analog Converter Unit p/n 910-00004-001 s/n 15613 h. Aspen EFD 1000 EFIS (PFD) Configuration Module p/n 920-00004-002 s/n 18204 i. Aspen EFD 1000 EFIS (MFD) Display p/n 910-00001-001 s/n 22763 j. Aspen EFD 1000 EFIS Remote Sensor Module p/n 910-00003-002 s/n 600140 k. Aspen EFD 1000 EFIS (MFD) Configuration Module p/n 920-00004-004 s/n 18189 l. Garmin GDL-88 ADSB Datalink Transceiver p/n 011-02369-00 s/n 22T004958 m. Comant CI-105 ADSB Antenna n. Approach Pro X Hub p/n 7040-0001 s/n H1603113-01X o. Garmin FS-210 Flightstream p/n 011-03257-40 s/n 3RE003476. Installed the Aspen EFD 1000 EFIS system in accordance with manufactures installation manual Aspen p/n 900-00003-001 Rev. CA and STC# SA10822SC. Installed Garmin GTN-750 Nav/Com/GPS and GA-35 GPS Antenna in accordance with manufactures installation manual p/n 190-01007-A3 Rev. 14 and STC# SA02019SE-D. Installed Garmin GDL-88 ADSB Datalink Transceiver and Comant CI-105 ADSB Antenna in accordance with manufactures installation manual p/n 190-01310-00 Rev. 9 and STC# SA02119SE. Installed Garmin GTX-32 Remote Transponder in accordance with manufactures installation manual Garmin p/n 190-00303-60 Rev. F. Installed Garmin FS-510 Flightstream in accordance with manufactures installation manual p/n 190-01700-00 Rev. G. Installed PS Engineering PMA-8000BT Audio Panel/Intercom/MKB in accordance with manufactures installation manual p/n 200-890-1702 Rev. 5. Installed Approach Pro X Hub in accordance with manufactures installation manual Approach Document # 7040-9110 Rev. A. Installed equipment in accordance with AC 43.13-2B chapters 3, 11, 2, sections 201, 202, 203, 204, 205, 206, 207, 208, 209, and 210, and reference to AC 43.13-1B chapters 4, 7, 11 and 12. The continuous electrical load does not exceed 80% of the total alternators capacity. All equipment was functional tested per manufactures installation manuals and

*[Signature]*

Park Rapids Avionics 301 Airport Road Park Rapids, MN 56470 K15R981Y  
LOG ID# 2342 02-April-2020 WO# 4233-0 HOBBS 2719.9  
N738RA S/N 17270168 CESSNA 172N

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interference tested with existing systems. A copy of the EFD 1000 EFIS approved flight manual supplement Aspen p/n 900-00008-001 Rev AH has been added to the FAA approved flight manual. A copy of the GTN-750 FAA approved flight manual supplement Garmin p/n 190-01007-A2 Rev. 9 has been added to the FAA approved flight manual. A copy of the GDL-88 FAA approved flight manual supplement Garmin p/n 190-01310-02 Rev. 4 has been added to the FAA approved flight manual. Computed new weight and balance and updated equipment list. The altimeter, encoder, transponder, static system tests required by FAR 91-411, FAR 91-413, and FAR 91-217 were performed and found to meet the requirements of FAR 43 appendix E and F. Tested to 20,000 feet.  
Altimeter Pilot m/n EFD-1000 p/n 910-00001-001 s/n 22761  
Altimeter STBY m/n p/n 5934P-1 s/n C1853  
Transponder m/n GTX-32 p/n 011-00768-00 s/n 83900666  
Encoder m/n EFD-1000 p/n 910-00001-001 s/n 22761  
MAINTENANCE RELEASE/RETURN TO SERVICE CRS#K15R981Y  
The Aircraft, component, 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 these inspections are on file at this repair station.

Tom Hass

4-2-20  
Date

N 738RA Tach: 34.7 Hobbs: -  
Transponder Make/Model Garmin GTX 33ES, S.N. 89126513  
in this A/C, has been inspected IAW Title 14 CFR 91.413 and found to comply with the specifications of Title 14 CFR 43 App. F.  
Details on file under RWTWO 00908 - CRS RIYR595H  
Inspector [Signature]  
Date 9-3-2020  
Red Willow Transponder Services, 1900 Airport Rd, Rm C, McCook, NE 69001

Park Rapids Avionics 301 Airport Road Park Rapids, MN 56470 K15R981Y  
LOG ID# 2443 31-August-2020 WO# 6452-0 HOBBS 2742.2  
N738RA S/N 17270168 CESSNA 172N


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Removed the following equipment: a. Garmin GTX-32 Transponder. Installed the following equipment: a. Garmin GTX-33ES Transponder p/n 011-00779-30 s/n 89126513. Installed Garmin GTX-33ES Transponder in accordance with manufactures installation manual p/n 190-00734-10 Rev. 14 and STC # SA01714WI. Installed equipment in accordance with AC 43.13-2B chapters 3, 11, 2, sections 201, 202, 203, 204, 205, 206, 207, 208, 209, and 210, and reference to AC 43.13-1B chapters 4, 7, 11 and 12. The continuous electrical load does not exceed 80% of the total alternators capacity. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR section 91.227. All equipment was functional tested per manufactures installation manuals and interference tested with existing systems. A copy of the Garmin GTX-33ES FAA approved flight manual supplement p/n 190-00734-15 Rev. 4 has been added to the FAA approved flight manual. Weight and Balance change negligible.  
MAINTENANCE RELEASE/RETURN TO SERVICE CRS#K15R981Y  
The Aircraft, component, 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 these inspections are on file at this repair station.


Tom Hass

8-31-20  
Date

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING
04-13-2024	4734.0	<p>Cleaned and opened aircraft inspected IAW Cessna Service Manual 100hr inspection. CW ADs AD 87-20-03 01-23-03, 11-10-09 by visual inspection and 93-05-06 by ops check</p> <p>Installed TruTrak autopilot per STC SA04231CH instructions</p> <p>Installed Artex ELT 345 IAW Artex Manual Y1-03-0282 R1</p> <p>Checked ELT for operation per FAR 91.207D. This aircraft has been inspected IAW 100hr inspection and is approved for return to service <i>[Signature]</i> ATP 2801208</p>
HOBBS	2760.8	

I certify that this Aircraft has been inspected in accordance with a annual inspection and was determined to be in airworthy condition.  
 Date 05-01-24 Total Time 4734.0  
 Tach Time 2760.8  
  
 Travis W. Lattin AP36956681A

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING
04-01-2025	4734	<p>Opened aircraft and inspected in accordance with Cessna Service manual 100hr inspection CW. AD 87-20-03 01-23-03 and 11-10-09 See AD compliance sheet for all ADs</p> <p>Checked ELT for operation per FAR 91.207D This aircraft has been inspected IAW a 100hr inspection and is approved for return to service <i>[Signature]</i> ATP 2801208</p>
HOBBS	2760.8	

I certify that this Aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.  
 Date 04-01-2025 Total Time 4734  
 Tach Time 2760.8  
  
 Travis W. Lattin AP36956681A

04-2025	Hobbs 2766.1	<p>Removed Battery and installed new Gill LT 7242-14 battery. <i>[Signature]</i> ATP 2801208</p>
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