



ARTEX AIRCRAFT SUPPLIES, INC.
14405 Keil Rd. NE Aurora, OR 97002
(503) 678-7929 800-547-8901

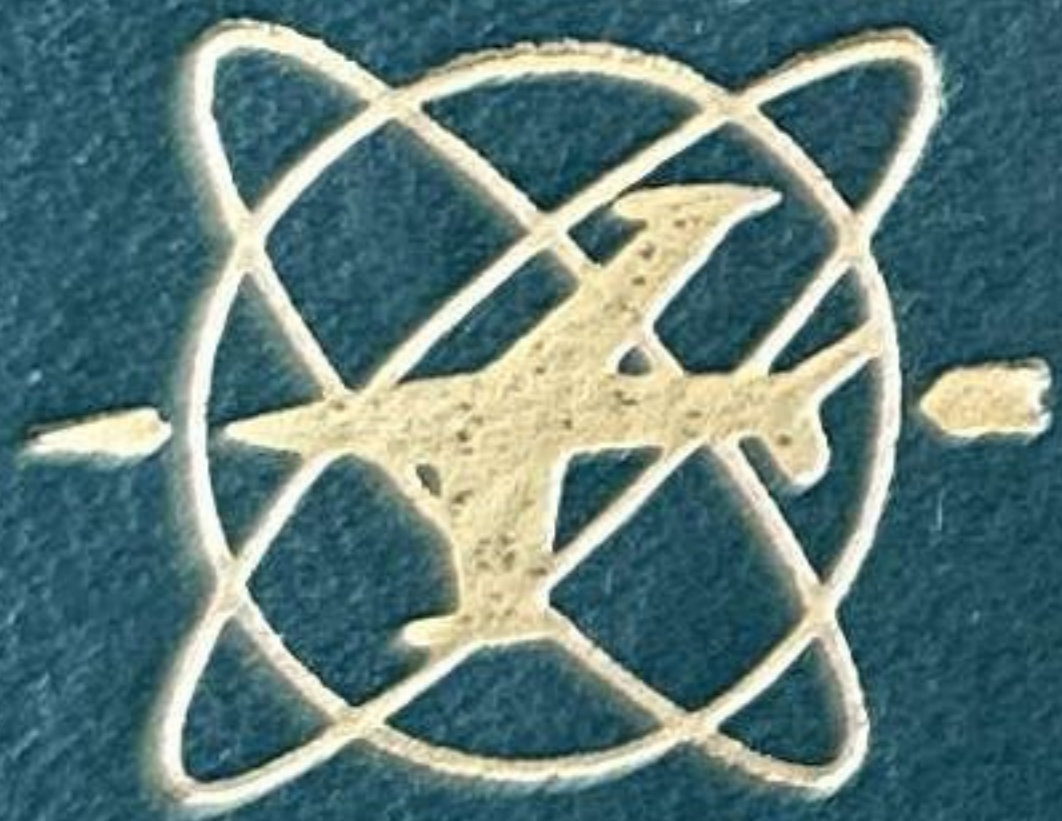
LOG BOOK ENTRY

W.O. # 3961 / 8/3/06

E.L.T. BATTERY

REPLACEMENT DATE

8/08



The Standard

AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log
SA-2

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ASA-SA-2

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P N R A S A - S A - 2



9 781560 271178

Aircraft Record General Information

Manufacturer Cessna Model C-182R
Serial 18267763 Registration Number N5412N
Date of Manufacture 10/23/80

Engine(s) currently installed:

Manufacturer _____ Model _____ Serial _____
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

PRIESTER AVIATION SERVICES, INC


PAL-WAUKEE AIRPORT, WHEELING IL.

N5412N 1/25/99 930.9 TACH 930.9 ACTT 930.9E&PTTSN 516.2 E&PTTSOH WO#42849

PERFORMED ANNUAL INSP IAW APPROVED SHOP INSP FORMS AND CESSNA 182 MAINT MANUAL. INSP AND LUBED ALL CONTROLS AND REPACKED ALL WHEEL BEARINGS. CW FAR 91.207(d) ELT INSP. NEXT INSP DUE 1/2000. ELT BATTERY DUE 1/2000. REMOVED AND REPLACED INSTRUMENT LIGHT INVERTER WITH NEW P# C613001-0101. RESEALED REAR WINDOW. CW AD 87-20-03R2 SEAT AND SEAT TRACK INSP. OK NEXT INSP DUE AT 1/2000. CW AD 96-12-22 OIL FILTER ADAPTER INSP. OK. NEXT DUE AT 100 HR OR AT OIL FILTER CHANGE. CW AD 84-26-02 AIR FILTER INSP BY REPLACING AIR FILTER WITH NEW P# P10-6150 S# 0895. NEXT REPLACEMENT DUE AT 1430.9 OR ON CONDITION. CW AD 93-05-06 ACS SWITCH INSP. INSTALLED DIODE AND LUBED SWITCH. NEXT INSP DUE AT 2930.9 ACTT. REMOVED AND REPLACED INST AIR FILTER WITH NEW P# D9-18-1. REPLAED RIGHT MAIN TIRE WITH NEW 6.00X6 6PR AIRHAWK TIRE. REMOVED AND REPLACED MAIN AIRCRAFT BATTERY WITH NEW GILL G-243 SERIAL # INSTALLED G01805619. INSTALLED PLACARDS IAW SEB 86-5 . REMOVED SLIGHT CORROSION FROM LEFT WING ROOT AREA AND TREATED. TIGHTENED AND SECURED PILOTS RUDDER PEDDLE ARMS. REMOVED AND

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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REPLACED OIL PRESSURE GAUGE WITH NEW P# 2646-00070. OPS CHECKED AND LEAK CHECKED AND FOUND OK. REMOVED AND REPLACED VOR ANNTENA RUBBER BOOTS WITH NEW P# 0412549-1. REPOSITIONED AND SECURED ROLL PINS IN PILOTS AND COPILOTS SEATS. CHECKED AND ADJUSTED AILERON AND RUDDER CABLE TENSIONS. REMOVED AND REPLACED SIX (6) CONTROL CABLE PULLIES UNDER BAGGAGE FLOOR WITH NEW P# (2) S378-1L AND P# (4) S378-3L. OK. REPLACED SEVERAL INSTRUMENT POST LIGHTS AS NEEDED. -----END-----

I CERTIFY THAT THIS (AIRCRAFT/ENGINE/PROPELLER) HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION, WITH RESPECT TO WORK PERFORMED. PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY, UNDER WORK ORDER NO. 42849 DATE 1/25/99 FOR PRIESTER AVIATION SERVICES PRIR248H 

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 Technician or Repair Facility. (See back pages for other specific entries.)
19__				
			2-18-99 Tach 938.3 TT 938.3	Wash and wax aircraft. Painted propeller. Installed co-pilot PTT on control wheel. Installed pilot & co-pilot ANR jacks. Removed Northstar M1A Ioran and Ioran antenna. Installed M3 Northstar GPS sn AL13153, AN120 GPS antenna and MD40-61L Mid-Continent course deviation annunciator sn 3829, see form 337. Repaired broken wire to avionics cooling fan. Replaced eyebrow and console bulbs. Installed new AGC-1110 nose wheelpant. <i>[Signature]</i> AIP 25804841E

MAINTENANCE RELEASE

The aircraft and/or component identified on the reverse side was repaired and inspected in accordance with current FAA Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under

Work Order No. 12386 P.O. No. _____
 Date 4.13.99 Signed [Signature]

AIRCRAFT QUALITY INSTRUMENTS, INC.
 Wichita, Kansas 67217 - U.S.A.
 (316) 942-9933

FAA Certificate No. A2QR419J


SIGNATURE _____

airworthy for return to service.

Pertinent details of repair are on file at this Agency under Work Order # 106572
 Date 6-3-99
Michael [Signature]
 SIGNED FOR
BEVAN-RABELL, INC.
 FAA Approved Repair Station
 No. KG2R 951K
 HGR#3, MIDCONTINENT AIRPORT
 1880 AIRPORT ROAD
 WICHITA, KS 67209
 (316) 946-4870

SIGNATURE _____

5	974.2 π 974.2	Replaced Gyro G certified by Airc w.o. 12386. <i>[Signature]</i> AIP 25804841E END
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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 Technician or Repair Facility. (See back pages for other specific entries.)
	N5412N Airframe			
	7-12-99 Tach 991.7 TT 991.7			Replaced left main tire with Michelin Air 600x6 6ply and nose tire with Michelin Air 500x5 6ply. Repacked wheel bearings. Serviced both brake reservoirs.
	10-28-99 Tach 1025 TT 1025			Serviced tire pressure. Removed avionics fan, installed new cooling fan pn FN-200. Unit connected to factory installed circuit breaker. Replaced broken ADF knob. Replaced no. TKM nav/com with sn. 934. Replaced marker beacon receiver with sn 18917.
				

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March 01, 2000	Tach 1074.6 TT 1074.6			Washed aircraft. Lubricated per Cessna Service Manual. Rotated right main tire, greased wheel bearings, installed new brake linings. Serviced tire pressure. Serviced battery. Serviced hydraulic brake reservoir. Installed altimeter pn. 5934P-1 sn 69111 certified by Gardner Aviation Specialist, Inc. w.c. 14071. Static system was tested and inspected as required by FAR 91.411 and complies with FAR 43 appendix E. Replaced ELT battery, good thru 01-02. Air filter was replaced 1-12-99, tach 930.9, due again @ tach 1430.9. AD 87-20-03R2 seat rail inspection complied with by inspection. AD 93-05-06 complied with 1-25-99,

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7-06-2000
Tach 1116.4
TT 1116.4

Exchange TKM nav/com's for (2) MK12E
sn 76061 and 76057. Serviced tire
pressure.

Jan 15, 2001 1161 on Tech. Installed new
left static-air water
separator unit, static test
O.K.
Bobby O'Neill AP1549489

DATE 18 2001	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 Technician or Repair Facility. (See back pages for other specific entries.)
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15 FEB 1174.9

15 FEBRUARY 2001



Piedmont Hawthorne Aviation
S.W. Georgia Regional Airport
P.O. Box 3147
Albany, Georgia 31706-3147

REMOVED TCI ENCODER
INSTALLED NEW AMARI KING AK350
ENCODER. PERFORMED STATIC SYSTEM
TESTS & FOUND TO COMPLY WITH
FAR 43 APPENDIX E.

Performed Transponder & Altitude Encoder tests required by
FAR 91.413 & 91.411 this date and found to comply with
FAR 43, Appendix F for ARC RT 355A,
s/n 26084 and Appendix E for AMARI KING AK 350,
s/n 36103

The aircraft and/or component identified above was repaired and inspected in
accordance with current Federal Aviation Agency regulations and is approved
for return to service. Pertinent details of the repair are on file at this agency
under Work Order No.: 000549 Date: 15 FEB 2001
Auth. Rep. P.C. [Signature] for FAA RS# HT4R244M

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 Technician or Repair Facility. (See back pages for other specific entries.)
2002				
May 04				Washed aircraft. Lubricated all controls per Cessna Service Manual. Serviced tire pressure, inspected & serviced battery. Serviced both hydraulic brake reservoirs. Inspected & serviced shimmy dampener. Replaced ELT battery good through June 2004. ELT tested per FAR 91.207d. Complied with AD 87-20-03R2 seat & seat track inspection. Installed New G-243 battery.
TT	1245.0			
Tach	1245.0			
Date: <u>MAY 9 2002</u> T. T. In Service <u>1245 TT</u> TACH: <u>1245.0</u> T.S.M.O. <u>823.3</u> ADs checked thru: <u>2002-09F</u> certify that this <u>work</u> in accordance with a <u>visual inspection</u> was determined to be in <u>known condition</u> Thomas K. Lloyd A&P 264036168IA <u>Thomas Lloyd A.I. 264036168</u>				

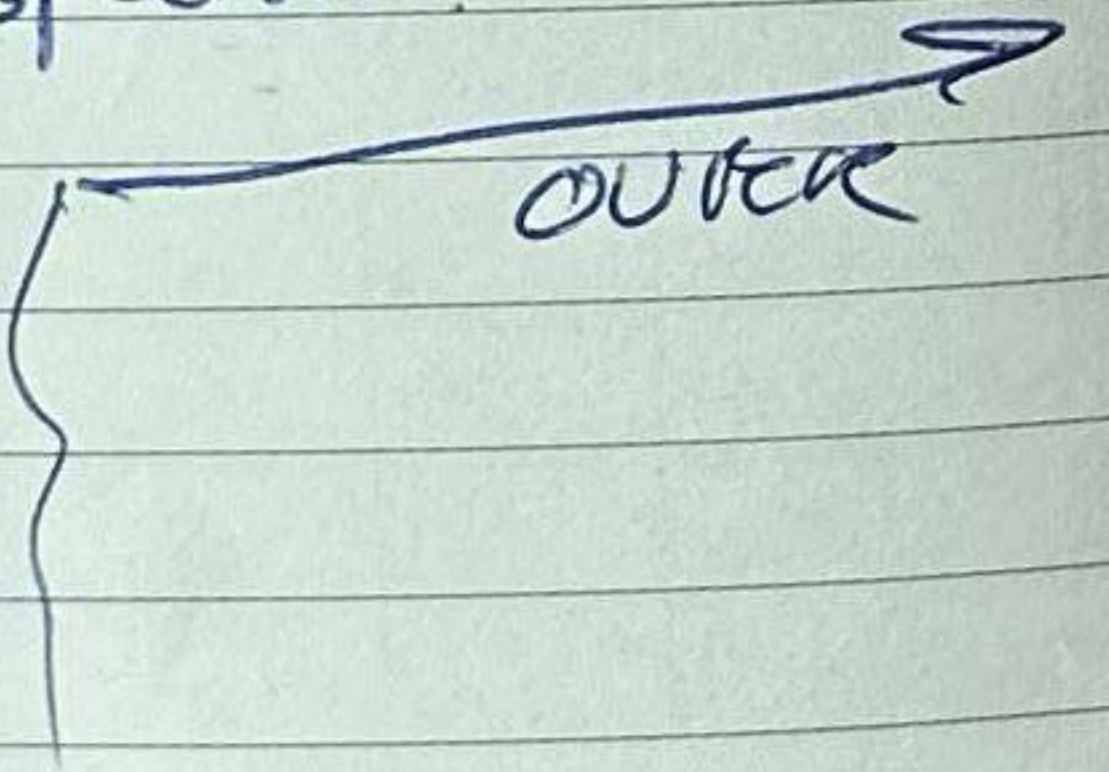
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2002				
30 August				Piedmont Hawthorne Aviation S.W. Georgia Regional Airport P.O. Box 3147 Albany, Georgia 31706-3147 30 August 2002
	1259.8			REMOVED & REPLACED DEFECTIVE GPS ANTENNA. FUNCTIONAL CHECK OK.
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Agency regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No.: <u>5001093</u> Date: <u>30 Aug 2002</u> Auth. Rep. <u>P.C. [Signature]</u> for FAA RS# HT4R244M				

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE
19003			
June 01, 2003	1302.6		
TT 1302.6			

Washed aircraft. Cleaned belly. Lubricated airframe in accordance with Cessna Service manual. Serviced both hydraulic brake reservoirs. Serviced battery. Rotated main tires. Inspected nose wheel. Greased all wheel bearings. Inspected shimmy dampener; fuel gascolator. Replaced broken cowling mounts. ECT tested per FAR 91.207d. United Instruments Altimeter pn. 5934P-1, sn 54610 certified by Gardner Aviation Specialists, Inc. w.o. 18551. Static system was tested & inspected as required by FAR 91.411 & complies with FAR 43 appendix E. AD 87-20-03R2 seats & seat tracks complied with by inspection.



DATE	RECORDING TACH TIME
19	

Date: 1 JU
 TACH: 13
 ADs checked thr
ADCE
 with a AC
 to be in an airw
 Thomas K. Lloyd

ALTIMETER MAKE UNITED INST.
 MODEL 5934P-1
 SERIAL NO. 54610

AFTER EFFECT (30)	CASE LEAK (100FT)	HYSTERESIS	
		UP READING	DOWN READING
+5'	5'	8,000	8,010
		10,010	10,025
BARO. SCALE ERROR			
		28.10	-1730
		28.50	-1340
		29.00	-870
		29.50	-390
		29.92	0
		30.50	+530
		30.90	+890

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 Technician or Repair Facility. (See back pages for other specific entries.)
03 JUNE 03				<p>Piedmont Hawthorne Aviation S.W. Georgia Regional Airport P.O. Box 3147 Albany, Georgia 31706-3147</p> <p>03 JUNE 03</p> <p>Performed Transponder & Altitude Encoder tests required by FAR 91.413 & 91.411 this date and found to comply with FAR 43, Appendix F for <u>ARC RT-359A</u>, s/n <u>26084</u> and Appendix E for <u>AMERI KING AK350</u>, s/n <u>36103</u>.</p> <p>The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Agency regulations and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order No.: <u>1001347</u> Date: <u>03 JUNE 03</u></p> <p>Auth. Rep. <u>P.C. SFA</u> for FAA RS# HT4R244M</p>

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 Technician or Repair Facility. (See back pages for other specific entries.)												
19				<p>Athens Turboprop Management, Inc. 1060 Ben Epps Drive, Suite A Athens, Georgia 30605 706-546-7969</p> <p>ENGINE LOG ENTRY</p> <table border="1"> <tr> <td>ACFT: N5412N</td> <td>MFG: CESSNA</td> <td>HOBBS: N/A</td> </tr> <tr> <td>AFTT: 1330.8</td> <td>M/N: 0-470-U</td> <td>TACH: 1330.8</td> </tr> <tr> <td>POS: N/A</td> <td>S/N: 469800</td> <td>TSO: 0</td> </tr> <tr> <td>DATE: 09/26/03</td> <td>TSN: 1330.8</td> <td>TSHSI: N/A</td> </tr> </table> <p>1- AIRCRAFT OWNER REPORTS HIGH ENGINE OIL TEMP AND HIGH CYLINDER HEAD TEMP. UNCOWLED AND CLEANED ENGINE, SERVICED ENGINE WITH OIL, AND GROUND RAN WITH HIGH BLOW BY COMING FROM CRANKCASE VENT TUBE. INSPECTED ENGINE. PERFORMED COMPRESSION CHECK WITH THE FOLLOWING RESULTS. #1- 70/80, #2- 30/80, #3- 70/80, #4- 70/80, #5- 68/80, #6- 34/80. REMOVED #2, AND #6 CYLINDERS AND REPLACED WITH NEW ECI-TITAN CYLINDERS. GROUND RAN AIRCRAFT WITH NO DEFECTS NOTED. ALL WORK DONE IAW CONTINENTAL O470-U M/M AND THE CESSNA 182-R M/M.</p> <p><i>Samuel R. Humbles</i> Samuel R. Humbles AP2401137701A</p>	ACFT: N5412N	MFG: CESSNA	HOBBS: N/A	AFTT: 1330.8	M/N: 0-470-U	TACH: 1330.8	POS: N/A	S/N: 469800	TSO: 0	DATE: 09/26/03	TSN: 1330.8	TSHSI: N/A
ACFT: N5412N	MFG: CESSNA	HOBBS: N/A														
AFTT: 1330.8	M/N: 0-470-U	TACH: 1330.8														
POS: N/A	S/N: 469800	TSO: 0														
DATE: 09/26/03	TSN: 1330.8	TSHSI: N/A														

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 Technician or Repair Facility. (See back pages for other specific entries.)
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V5412N Airframe
7-1-04
Tach 1365.5
TT 1365.5

Cleaned aircraft. Lubricated airframe in accordance with Cessna Service Manual. Inspected, serviced battery, tire pressure. Serviced both hydraulic brake reservoirs. Inspected shimmy dampener, fuel gascolator. Replaced beacon bulb. Stop drilled cracked right wingtip. Installed new ELT battery, good through August 2006. ELT was tested per FAR 91.207d. Complied with AD84-26-02 air filter replaced, due again at tach 1865.5. Complied with AD87-20-03R3 seat and seat tracks by inspection

Date: 07/01/2004 T. T. In Service 1365.5
TACH: 1365.5 T.S.M.O.H. 949.8

ADs checked thru: 2004-12 I certify that this
AIRFRAME has been inspected in accordance
with a ANNUAL inspection and was determined
to be in an airworthy condition.

Thomas K. Lloyd A&P 264086168IA

Thomas K. Lloyd
AI 264086168

New ignition switch, battery relay, starter relay.

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May 17, 2005 1406 Installed new Long ADF antenna. Replaced door stop pin on Left door.
Bob O'Neill AP1548489

June 2, 05 1406 Installed new ignition/ starter switch C292501-0106 new battery relay and starter relay per Cessna instructions. Test good.
Bob O'Neill AP1548489

7-21-2005
TT 1412.5
Tach 1412.5
Washed aircraft. Lubricated airframe in accordance with Cessna Service Manual. Replaced right main tire, greased wheel bearings. Inspected & serviced battery, both hydraulic brake reservoirs, tire pressure.

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 Technician or Repair Facility. (See back pages for other specific entries.)
19				<p> Suspected shimmy dampener, fuel gasolator. EGT tested per FAR 91.207d. United Instrument altimeter part no. 5934P-1, SN J6676 certified by Gardner Aviation Specialist, Inc. w.c. 19898. Static system was tested & inspected as required by FAR 91.411 and complies with FAR 43 appendix. New fuel tank markings installed. Crack found on inboard pilot seat rail. Replaced with new. AD 87-20-03R3 complied with by inspection using SRI wear gauge. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. <i>[Signature]</i> IA 254559871 ADs complied with through 2005-14 </p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
22	July 2005			

ALTITUDE	SCALE ERROR	FRICTION ERROR	AFT CAS
(20) 1000	0		
(20) 0	0		
(20) 500	0		
(20) 1000	-5	(70) 30	
(25) 1500	-5		8
(30) 2000	-10	(70) 30	
(30) 3000	-15	(70) 30	
(35) 4000	-15		
(35) 5000	-15	(70) 30	
(40) 6000	-20		
(60) 8000	-25		
(80) 10000	-20	(80) 35	
(90) 12000	-15		

WO# 19898

ALT
PAR
SER

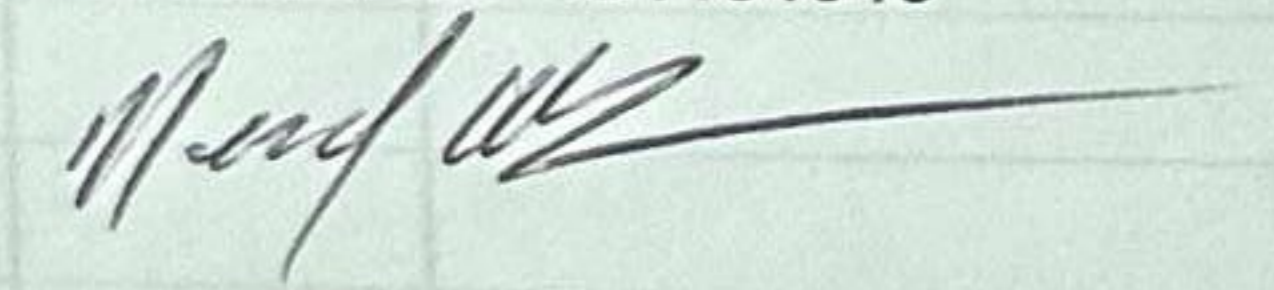
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10-21-05	1440.2			Removed postlight transistor, installed new transistor p/n 2N6576, tested ok Markus Wolfmaier A+P 2750107
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Bachman Airworks
150 Airport Rd, Elizabethton, TN 37643
N5412N, 18267763
October 21, 2005 Tach 1440.2

- Removed original fuel caps and adapter plates.
- Installed new fuel caps and adapter plates as supplied with Cessna Kit p/n SK182-86C per kit instructions and instructions found in SE84-16. Used sealant PS890 B-2. Leak check OK.
- Installed 2 new cowl shock mounts p/n J-7444-24 by rivets.

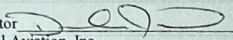
Neal Bachman A&P 164464843

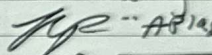
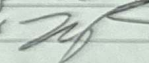


DATE 2006 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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2/28	1494.1		1494.1	Installed EZ Heat PN 441 Engine Heater as per manufacturing instructions. Replaced left side of carb air box with PN 0750M4-29. Replaced carb heat cable. Installed Rose visors as per manufactures instructions. Filed 337. Replaced nose tire with 500XS Michelin. Replaced both main with 600X6 Michelin. Replaced bearings and races in nose wheel. Replaced left door main post support PN 221562G-1. Installed wheel pants
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Ch. H. H. H. 2308242700

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 Technician or Repair Facility. (See back pages for other specific entries.)
				<p>DATE: 8/03/06 W.O.# 003901 N5412N</p> <p>TAT: 1528.2 CRS# BGSR439C S/N: 18267763</p> <p>Installed new ELT battery P/N: 00-60-62. Complied with ELT annual inspection on DM ELT 6.1 S/N: 45389 I/A/W FAR 91.207(d), no defects noted battery next due 8/08. Installed 3 new post light bulbs in instrument panel. Repaired ground wires on LH and RH fuel quantity transmitters. Installed serviceable fuel/engine instrument cluster cover P/N: 0021-01189. C/W AD 87-20-03 R2, inspected seat tracks and components per AD 87-20-03 R2, no defects noted next due TACH: 1628.2. AD 98-16-04 not applicable, STC SA00276NY not installed no further action required. After review of aircraft records found AD 2000-06-01 not applicable, fuel strainer assembly has not been installed after dates listed in AD, no further action required per AD 2000-06-01(c). Pertinent details held on file at this Repair Station under Work Order # 003901. I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.</p> <p>Inspector  Falwell Aviation, Inc. Repair Station # BGSR439C</p>

DATE 2006	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 Technician or Repair Facility. (See back pages for other specific entries.)
12/19/06	1592.7	Tach time -		<p>Resealed Nose Strut & serviced w # 5606 hyd. Fluid & N₂ Nitrogen - Reinstalled Nose panel after Fiberglass repair - Replaced 2 LORD cowling mounts - # Terry Phillips  - AP198641373IA END</p>
7/4/07	1645.3	Tach time -		<p>Installed Met-Co-Aire wingtips as per STC #SA01204LA - 337 completed - Replaced G-243 battery - Replaced left & right main tires - Terry Phillips  - AP198641373IA</p>

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Cincinnati Avionics Clermont County Airport Batavia, OH 45103 VYTR380B
 LOG ID# 1126 24-August-2007 WO# 5245
 N5412N S/N 18267763 CESSNA 182R

Pg 1 / 1

Performed inspections required by FAR's 91.411 and 91.413 in accordance with FAR 43 Appendixes E and F. No discrepancies noted.

Altimeter Make: United Model: 5934P-1 S/N: 56676 to 20,000 ft.
 Encoder Make: AmerKing Model: AK350 S/N: 36103 to 20,000 ft.
 Transponder Make: ARC Model: RT359A S/N: 26084.


 VYTR380B For Cincinnati Avionics

Altimeter Scale Correction Card 8/24/07			
Model: 5934P-1		Serial #: J6676	
Altimeter Reading	Add Error	Altimeter Reading	Add Error
-1000	20	10000	-25
0	5	12000	-25
500	0	14000	-15
1000	-5	16000	-5
1500	-10	18000	0
2000	-15	20000	-10
3000	-15	22000	X
4000	-25	25000	X
6000	-15	30000	X
8000	-25	35000	X

Cincinnati Avionics Form CA-350 (5/98)
 FAA CRS VYTR380B - Clermont County Airport
 Batavia, Ohio 45103 (513) 735 9595

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 8-27-07 TACH 1661.0 TOTAL TIME 1661.0 N5412N

I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. REPAIRS AND MAINTENANCE ARE AS FOLLOWS: R/R R/H COWL LANDING/TAXI LIGHT BULB P/N 4591. R/R RH FUEL DRAIN P/N 2020-2. R/R TOW PIN P/N AN5-51A. R/R WINGROOT FUEL LINE COUPLINGS P/N 18 INCH 1/2 MIL 6000, AND 18 INCH OF 3/8 INCH MIL 6000. R/R MAIN BRAKE LININGS 8 EA. P/N 066-30026. R/R VAC REG. FILTER P/N B3-5-1. C/W FAR91.207d ELT INSPECTION, BY INSPECTION, NEXT DUE 8-08. ALL AD'S CURRENT, SEE AD COMPLIANCE RECORDS. OPERATIONAL CHECK OF ALL SYSTEMS PERFORMED SATISFACTORY. END.


 KURT SCHIMPF A&P 2926400971A
 SELECT AIRCRAFT SERVICE

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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2008 19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
09-05-08	1716.2	Tach Time	Total Time in Service	
				C/W AD 87-2003 R2 Seat rails & rollers - C/W 91-207d performed functional check of ELT as per 91-207d battery due NOV 2010

AIRFRAME - Jacked aircraft, removed wheels, greased bearings and gear, checked brakes, checked retraction and emergency extension. Checked electrical system and battery. Checked all controls and oils as needed. Removed all inspection plates and checked structure. Checked cockpit belts, lights and instrument operation.

Date 09-05-08 Total Aircraft Time 1716.2 I certify that this aircraft has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.
 Signature Jerry R. M. Gowan A&P No. H06505403 IA

DATE	RECORDING TACH TIME	TOTAL TIME IN SERVICE
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2008		
3/16		

1737.2
Tach
Hooks
984.9
GNS 430 AD

of Inspections, Tests, Repairs and Alterations
 be endorsed with Name, Rating and Certificate Number of
 Repair Facility. (See back pages for other specific entries.)

replaced Cinema SWITCH Panel,
 @ IN3RSA & M3 GPS system
 replaced GMA-740 audio panel
 replaced alternator, installed
 GNS-430W @ G1106A

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for returned service."
 Pertinent details of the repair are on file at this repair station under Order

No. 1712 Date: 3/16/09
 Signed Jerry Gowan for
(signature of authorized representative)

Dyersburg Avionics, Incorporated
 of Caruthersville
(repair station name) SF4R5T6M
certificate no.
 2204 Airport Drive, Caruthersville, MO 63830
(address)

MAINTENANCE RECORD

Date:	April 8, 2009	Page 1 of 2 Pages	Reg. No:	N5412N
Aircraft:	Cessna 182R	Serial #: 18267763	Total Time / Tach:	1737.4 / 1737.4
Engine:	TCM 0-470-U	Serial #: 469800	Total Time / TSO:	1737.4 / 1322.7
Propeller:	McCaughey C2A34C204	Serial #: 805432	Total Time / TSO:	1737.4 / 1322.7

The below listed items were accomplished in accordance with the Cessna 1977 Thru 1986 Model 182 T T182 Series Service Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order PG-09-18616

- [500] Annual inspection.
- [400] 50, 100, and 500 hour lubrication requirements.
- [450] Portable fire extinguisher, s/n W-968454, inspected and weight checked.
- [451] Magnetic compass swing
- [452] **AD 84-26-02** (effective 1/29/85) *Induction Air Filters* paragraph (a). Installed a new filter p/n P10-6150. AD 84-26-02 due again at no later than 2237.4 hours total aircraft time.
- [454] **AD 87-20-03 R2** (effective 9/24/90) *Seat Tracks* paragraphs (a)(1) thru (a)(7). Due at next annual inspection.
- [455] **AD 2008-26-10** (effective 1/5/09) *Alternate Static Air Source Selector Valve* inspection for blockage.
- [456] **AD 96-12-22** (effective 7/31/96) *Oil Filter Adapter* by visual inspection and torque check. Due each oil filter removal.
- [050] Installed a new engine baffle support p/n 0755003-16.
- [056] Broken support tang on carb heat muff repaired by welding.
- [058] Installed 1 new lower engine cowl mount p/n S2155-1.
- [200] Vacuum system relief valve filter replaced with a new p/n B3-5-1.
- [201] Installed 1 new post light lamp p/n 327 at ADF.
- [202] Installed 2 new instrument panel glare shield lamps p/n 1819.
- [250] Rudder cable tensions rigged to within limits.
- [275] Left aileron forward and aft rod ends replaced with 2 new p/n S1819-3.

DA

MAINTENANCE RECORD

Date:	April 8, 2009	Page 2 of 2 Pages	Reg. No:	N5412N
Aircraft:	Cessna 182R	Serial #: 18267763	Total Time / Tach:	1737.4 / 1737.4

- [325] Right brake disc replaced with a new p/n 164-30615-3 and 4 new linings p/n 066-30026.
- [326] Left brake disc replaced with a new p/n 164-30615-3 and 4 new linings p/n 066-30026.

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

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 975-9596

MAINTENANCE RECORD

Date:	June 12, 2009	Page 1 of 1 Pages	Reg. No:	N5412N
Aircraft:	Cessna 182R	Serial #: 18267763	Total Time / Tach:	1768.8 / 1768.8

The below listed items were accomplished in accordance with the Cessna Model 182 Series (1977 - 1986) Maintenance Manual and other approved or acceptable data as applicable.

Work Order PG-09-18947

- [001] Corrected wiring to left nav light i/a/w the Cessna 182R Wiring Diagram.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

JAMES ILER
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

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 Technician or Repair Facility. (See back pages for other specific entries.)
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South Delta Aviation
N5412N
Tach: 1822.9
Helena-West Helena, AR 72390
870-572-9011
Date: 8-14-09

Removed engine s/n 469800 and installed engine s/n 273027-R using new Lord mounts. See engine log book for installation details.

Michael D. Schlesselman
Michael D. Schlesselman
A&P483966449

DATE 2009	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 Technician or Repair Facility. (See back pages for other specific entries.)
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8/18

Performed requirements of SB 0918A
SW 3.30 GWS 430W SPW 23422658

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for returned service."
Pertinent details of the repair are on file at this repair station under Order

No. 1929 Date 8/18/09
Signed *J. W. [Signature]* for
(signature of authorized representative)

Dyersburg Avionics, Incorporated
of Caruthersville SF4RS16M
(repair station name) certificate no.
2204 Airport Drive, Caruthersville, MO 63830
(address)

DATE

19

Each Static Pressure System, Each Altimeter Instrument & Each Automatic Pressure Altitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR 43, as required by FAR 91.411.

Altimeter #1 SN J6676 PN 5934P1

encoder #2 SN 36103 PN AAR 3.50

NORTHWEST ARKANSAS AVIONICS, INC.

5404 AIRPORT BLVD.

FORT SMITH, ARKANSAS 72903

CRS QNAR051K

Date 12/21/09

Signature Alan Novak

The ATC Transponder has been tested and inspected and found to comply with appendix "F" of FAR Part 43, as required by FAR 91.413.

Transponder #1 SN 26084 PN RT-359A

#2 SN N/A PN N/A

#1 and #2 rotor indicators checked using NAV 401L generator. less than 2° error

CRS-QNAR051K

Result
12/21/09

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DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

RIVER VALLEY AVIATION

DATE :
4-15-2010REG. #
N5412NMAKE :
C-182RS/N #
18267763TACH.
1914.4

HOBBS

T.T.


1914.4


PERFORM WALK-AROUND INSPECTION, CHECK ALL LIGHTING AND ELECTRICAL, ALL OPS CHECKS GOOD. REMOVE ALL PANELS AND INTERIOR FOR INSPECTION, INSPECT AIR FRAME, NO PROBLEMS FOUND. CHECK ALL FLIGHT CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED. INSPECT AND TEST ELT, OPS CHECK GOOD PER FAR. 91.207d. ELT BATTERY DUE DATE IS NOV. 2011, CLEAN AND REPACK ALL WHEEL BEARINGS. SERVICE AND CHARGE BATTERY, LOAD TEST, OPS CHECK GOOD. LUBE ALL HINGES, ROD ENDS, BELL CRANKS, AND PULLEYS. CHECK ALL ENGINE CONTROLS FOR PROPER OPERATION, NO DEFECTS NOTED.

CHECK ALL AD'S FOR COMPLIANCE. SEE LIST IN AIRCRAFT LOGS, FROM A.D. TOOL BOX. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION WITH THE SCOPE AND DETAIL OF FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Jim Edwards

JIM EDWARDS
A&P 2771253 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				<p style="text-align: center;">Airframe Log Book Entry</p> <p style="text-align: center;">N5412N Cessna 182R S/N: 18267763</p> <p>1/11/2011 SO #37817 Tach Time: 2045.5 Hobbs Time: 1295.0 Removed and replaced 1 ea. Starter contactor P/N: S2443-2 Op's checked normal. This airframe has been Inspected/ Maintained/ Repaired in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this agency under Shop Order #37817.</p> <p>Signature  Hotton Enterprises Inc., DBA Premier Aviation FAA Repair Station H3ER052N, Tucson Int'l Airport</p>

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				<p style="text-align: center;">Northwest Arkansas Avionics</p> <p style="text-align: center;">5404 Airport Boulevard Fort Smith, Arkansas 72903 CRS QNAR051K WO# 10816</p> <p>6-17-2011</p> <hr/> <p>TO: N5412N</p> <p>Autopilot Roll wop. Replaced Broken shear pin P/N 38144-0060 in Autopilot Actuator. Ramp test had normal autopilot operation. This aircraft is approved for return to service with respect to work completed under this work order number.</p> <p style="text-align: right;"></p>

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 Technician or Repair Facility. (See back pages for other specific entries.)
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N5412N TACH: 2058.3 T.T. 2058.3 09/23/2011

PERFORMED INSPECTION IAW ANNUAL/100HR CHECKLIST. REMOVED ALL PANELS. INSPECTED ALL CABLES, PULLEYS AND BELLCRANKS. LUBED ALL WHEEL BEARINGS AND ALL MOVABLE SURFACES. INSPECTED ALL FLIGHT CONTROLS, FUSELAGE, WINGS EMPANAGE AND LANDING GEAR. INSTALLED NEW EDM 701 AS PER S.T.C. SA2586NM, SEE 337. R&R INSTRUMENT AIR FILTER P/N D9-18-1. ELT CHECKED PER 91.207d. NEW ELT BATTERY DUE 09/13. ALL AD'S CHECKED THROUGH 09-23-2011. C/W AD 11-10-09 BY INSPECTION & LUBE. ALL PANELS RE-INSTALLED. GROUND RUN PERFORMED. ALL SYSTEMS OPERATED NORMALLY. NO DISCREPANCIES NOTED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Paul H. Wedin



A&P5134450401A

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 Technician or Repair Facility. (See back pages for other specific entries.)
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N5412N

3-15-2012 Removed inop ARC RT 359A #26084 and replaced with serviceable RT 459A #8187. See WO# 032712 dated 3-15-2012 on file at this repair station for details.

Signed  2349252 for Powell Avionics, Inc. Fayetteville, NC
R/S PL4R444M

N5412N

I certify the ATC transponder test and inspection required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F. Make ARC Model RT 459A S/N 8187 Details of this inspection are on file at this repair station on WO# 032712 dated 3-15-2012.

Signed  2349252 for Powell Avionics, Inc. Fayetteville, NC
R/S PL4R444M

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 Technician or Repair Facility. (See back pages for other specific entries.)
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ASG Aviation Maintenance
552 Perimeter Road Greenville, SC. 29605
(864) 299-5084 (Voice) (864) 351-0023 (Fax)

DATE: 3/21/2012 TACH: 2104.5
REG. #: N5412N AIRCRAFT S/N: 18267763
Removed inoperative ARC RT-459A transponder S/N 8187 and replaced with serviceable ARC RT-359A S/N 26084 from Powell Avionics. Operational/correlation check satisfactory. Replaced cooling air duct from cooling fan to transponder.

Donald E Qualls

Donald E Qualls
A&P 3400943

4-5-12	2111.9	REPLACED TAXI LAMP WITH NEW: GE 4591. <i>John Gearhart</i> A&P 3438384 JOHN GEARHART
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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 Technician or Repair Facility. (See back pages for other specific entries.)
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Twelve Stone Aviation 802 Airport Ave. Hanger 5 Springdale, AR 72764 479-799-8065
N5412N TACH:2138.7 ACTT: 2138.7 DATE: 10/02/2012

PERFORMED INSPECTION IAW ANNUAL CHECKLIST. REMOVED ALL PANELS. INSPECTED ALL CABLES, PULLEYS AND BELLCRANKS. LUBED ALL MOVABLE SURFACES. INSPECTED ALL FLIGHT CONTROLS, FUSELAGE, WINGS, EMPANAGE AND LANDING GEAR. JACKED AIRCRAFT. REPLACED LEFT AND RIGHT MAIN TIRES WITH NEW GOODYEAR 6.00X6 6PLY FLIGHT SPECIAL TIRES AND TUBES. LUBED ALL WHEEL BEARINGS. REMOVED AIRCRAFT FROM JACKS. ELT CHECKED PER 91.207d. NEW ELT BATTERY DUE 09/2013. SERVICED BRAKE RESEVOIR WITH MIL-H-5606. INSTALLED NEW G-243 SHIPS BATTERY. INSTALLED NEW ARB3-5-1 VAC. REGULATOR FILTER. C/W AD11-10-09 SEAT TRACK INSPECTION, NO DEFECTS NOTED. ALL AD'S CHECKED THROUGH 10/02/2012. ALL PANELS RE-INSTALLED. GROUND RUN PERFORMED. ALL SYSTEMS OPERATED NORMALLY. NO DISCREPANCIES NOTED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

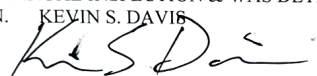
Tom L. Leverich
TOM L. LEVERICH
A&P 3328084 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Twelve Stone Aviation 802 Airport Ave. Hanger 5 Springdale, AR 72764 479-799-8065

N5412N TACH: 2216.1 HOBBS: 1500.2 10/01/2013

PERFORMED INSPECTION IAW ANNUAL/100HR CHECKLIST. REMOVED ALL PANELS. INSPECTED ALL CABLES, PULLEYS AND BELLCRANKS. LUBED ALL WHEEL BEARINGS AND ALL MOVABLE SURFACES. INSPECTED ALL FLIGHT CONTROLS, FUSELAGE, WINGS, EMPANAGE AND LANDING GEAR. INSTALLED NEW ELT BATTERY. ELT CHECKED PER 91.207d. NEW ELT BATTERY DUE 10/2015. REPLACED BEACON FLASHER UNIT WITH NEW. OPS CK GOOD. REPLACED LEFT MAIN OUTBOARD WHEEL BEARING AND RACE WITH NEW. REPLACED LEFT BRAKE CALIPER O-RING WITH NEW. REPLACED DIRECTIONAL GYRO WITH O/H UNIT FROM MID-CONTINENT PN.1U262-005-20 SN.A1138G. OPS CK GOOD. ALL AD'S CHECKED THROUGH AD 10/01/2013. ALL PANELS RE-INSTALLED. GROUND RUN PERFORMED. ALL SYSTEMS OPERATED NORMALLY. NO DISCREPANCIES NOTED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. KEVIN S. DAVIS


A&P 431476148 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Northwest Arkansas Avionics, Inc. 104 Airport Lane P.O. Box 378
Mena, Arkansas 71953 C.R.S. # QNBR706X Ph. 479-394-4061

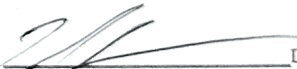
Reg: N5412N Make: Cessna Serial#: 18267763 Model: 182R W.O.# 1321

The ATC Transponder has been tested and inspected and found to comply with Appendix "F" of FAR Part 43, as required by FAR 91.413.

Transponder S/N 26084 P/N RT-359A

Each Static Pressure System, each Altimeter, and each Automatic Pressure Altitude Reporting System has been tested and inspected and found to comply with Appendix "E" of FAR Part 43 as required by FAR91.411.

Altimeter S/N J6676 P/N 5934P1 Encoder S/N 36103 P/N AK-350

Signed  Date 10/07/2014

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Twelve Stone Aviation 802 Airport Ave. Hangar 5 Springdale, AR 72764 479-799-8065

N5412N SN.18267763 TACH: 2284.5 HOBBS: 1573.9 10/24/2014

PERFORMED INSPECTION IAW ANNUAL/100HR CHECKLIST. REMOVED ALL PANELS. INSPECTED ALL CABLES, PULLEYS AND BELLCRANKS. REPLACED L/H AND R/H MAIN LANDING GEAR BEARINGS AND RACES WITH NEW. LUBED ALL WHEEL BEARINGS AND ALL MOVABLE SURFACES. INSPECTED ALL FLIGHT CONTROLS, FUSELAGE, WINGS, EMPANAGE AND LANDING GEAR. ELT CHECKED PER 91.207d. NEW ELT BATTERY DUE 10/2015. REPLACED DONALDSON AIR FILTER WITH NEW. ALL AD'S CHECKED THROUGH AD 10/24/2014. ALL PANELS RE-INSTALLED. GROUND RUN PERFORMED. ALL SYSTEMS OPERATED NORMALLY. NO DISCREPANCIES NOTED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

KEVIN S. DAVIS

 A&P 431476148 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
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Northwest Arkansas Avionics, Inc. - 104 Airport Lane - P.O. Box 378
 Mena, Arkansas 71953 - C.R.S. # QNBR706X Ph. 479-394-4061

Reg: N5412N Make: Cessna Serial#: 18267763 Model: 182R W.O.#: 1345


Removed airspeed indicator, P/N EA 5175-49 CES, S/N 2662. Reinstalled after overhaul from SAS Instruments, LLC. Leak check good. The above was performed and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to Service.


 Signed

12/19/2014
 Date

N5412N TACH:2290.3 HOBBS:1580.3 02-06-2015

REMOVED AND REPLACED L/H MAIN TIRE WITH NEW P/N 072-314-0 AND TUBE WITH NEW P/N GL-6020. WORK PERFORMED IN REFERENCE TO CESSNA 182 R SERVICE MANUAL.

SCOTT J. PAYNE

 A&P3321628

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Twelve Stone Aviation 802 Airport Ave. Hangar 5 Springdale, AR 72764 479-799-8065
 N5412N SN.18267763 TACH: 2313.7 HOBBS: 1606.6 10/10/2015

PERFORMED INSPECTION IAW ANNUAL CHECKLIST. REMOVED ALL PANELS. INSPECTED ALL CABLES, PULLEYS AND BELLCRANKS. LUBED ALL WHEEL BEARINGS AND ALL MOVABLE SURFACES. INSPECTED ALL FLIGHT CONTROLS, FUSELAGE, WINGS, EMPANAGE AND LANDING GEAR. REPLACED INSTUMENT AIR FILTER WITH NEW. REPLACED GYRO FILTER WITH NEW. INSTALLED NEW ELT BATTERY. ELT CHECKED PER 91.207d. NEW ELT BATTERY DUE 11/2017. CHECKED ENGINE AIR FILTER. ALL AD'S CHECKED THROUGH 10/10/2015. ALL PANELS RE-INSTALLED. GROUND RUN PERFORMED. ALL SYSTEMS OPERATED NORMALLY. NO DISCREPANCIES NOTED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 KEVIN S. DAVIS

Kevin S. Davis
 A&P 431476148 IA

Summit Aviation LLC 2440 SW Aviation St. Bentonville, AR 72712
 10-6-2016 Tach. 2338. N5412N Airframe Log Entry

- Performed pre-purchase inspection to airframe to the extent requested buy potential buyer. Returned aircraft to original condition as received.
 - Discrepancy list and status report was communicated and given to prospective buyer at this time and are on file W/Summit Aviation.
 - Replaced un-usable, damaged left upper most cowl shock mount for lower cowling W/New P/N J7444-24.
- William Dorothy*
 William Dorothy A&P 3504028 IA



AIR PLAINS SERVICES N5412N WO: 032039 03/10/2017
 CRS: MNYR085K

Aircraft Log, AC TT: 2340.1 & Tach: 0.0

Installed Air Plains Services, Corp. 300HP engine conversion: Teledyne Continental IO-550-D engine, Air Plains Services STC SA00152WI. Installed McCauley 3 Blade propeller D3A34C401/90DFA-8 in accordance with Air Plains Services STC SA00727WI. Installed: new engine isolator mounts, prop governor, gaskets, fittings, seals, clamps as needed, new fuel and oil lines, alternator, electrically driven fuel pump, and scat hoses. Aircraft weighed.
 Reference: FAA Form 337, Dated: 03/10/2017

Engine Serial #: 1033119	Gross Weight	3100
Propeller Serial #: 160773	Empty Weight	1914
Fuel Pump Serial #: 15424	Useful Load	1186
Alternator Serial #: H-Q101542	Empty WT C.G.	36.64
Prop Governor Serial #: 160309		

I certify that this aircraft has been inspected in accordance with current regulations and is approved for return to service.
 Signed *[Signature]* Inspector CRS MNYR085K

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



AIR PLAINS SERVICES

CRS: MNYR085K

N5412N

WO: 032040

03/10/2017

Aircraft Log, AC TT: 2340.1, Tach 0.0

Serviced and inspected the aircraft in accordance with an **ANNUAL** inspection per FAR 43 App D. Performed AD list search on the aircraft, engine, propeller and installed accessories. Cleaned all fuel and air filters. Inspected the ELT, "G" switch, batteries, and installation IAW FAR 91.207, D&M 6.1, SN: 45389, Batt date 11/2017. Reinstalled the ELT and rearmed. Installed a new vacuum pump, SN: B35425. Repaired the engine baffling as needed. Replaced the Copilot outboard seat rail with new part Inspected the seats, seat rails, rollers and clamps in accordance with para G of AD 2011-10-09. Installed a new propeller control and rigged. Installed a new alternate air control cable. Engine mount magnaflex inspected per SID 71-20-01. Installed a new battery SN: G02953843. Replaced the sunvisor lenses. Repaired the cabin heater inlet duct. Replaced the ducting for both rear cabin air ducts. Installed a new bolt in the nose gear for towing. Removed the ADF and antennas from the aircraft. Installed LED landing and taxi light bulbs per STC SA00344B0. Installed LED Nav/Strobe light system per STC SA800EA. Installed a UMA TSO tachometer. Installed a new hour meter. **Hour meter time is 0.0 add hour meter time to 2340.1 for aircraft Total time.** The hour meter is activated by the UMA Tach at 1700 RPM. Completed compliance of AD 93-05-06 by installation of the diode on the starter relay per part B. **Part A is due at 2930.9TT:** Aircraft ground run and operational checked per the Cessna Maintenance Manual and STC SA00152W1. Operational check completed on all installed STC systems as applicable.

I certify that this aircraft has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition.

*Signed Certificate#: MNYR085K

*WO#: 032040 TT: 2340.1 Date: March 10, 2017

I certify that this aircraft has been inspected in accordance with current regulations and is approved for return to service

Signed Inspector CRS MNYR085K

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



AIR PLAINS SERVICES

CRS: MNYR085K

N5412N

WO: 032040

3/10/2017

Aircraft Log, Tach: 2340.1

Performed an VFR Certification. Tested and inspected the transponder in accordance with FAR 91.413, FAR 43 appendix F and paragraph (c) of appendix E.

This Aircraft was inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed E. Papon Inspector MNYR085K

Repairman Certificate No. 388232



AIR PLAINS SERVICES

CRS: MNYR085K

N5412N

WO: 032040

03/10/2017

Aircraft Log, AC TT: 2340.1, Tach 0.0

Removed the JPI EDM 700 engine monitor system and Installed JP Instrument Fuel Flow transducer in accordance with STC SA00432SE and Installation Report 503. Installed JP Instrument EDM830 Engine Monitor system in accordance with STC SA2586NM and Installation Report 100 dated 01/20/2009. Aircraft ground run, flight tested, and operational checked per the Cessna Maintenance Manual and STC SA00152W1. Operational check completed on all installed STC systems as applicable. Weight and balance calculated on the previous log entry.

I certify that this aircraft has been inspected in accordance with current regulations and is approved for return to service.

Signed Inspector CRS MNYR085K

CRYSTAL AVIONICS, LLC SHIPPING ONLY
 1746 Entrance Drive
 New Braunfels, TX 78130-2742
 FAA CERTIFICATED REPAIR STATION YVCR493Y

Registration	N5412N	Hobbs	
Model No.	Cessna 182R	Tach	
Serial No.	18267763	Work Order No.	2012

Removed the following: ARC RT-359A Rec-Transmitter, PN 41420-0028, SN 26084; ARC RT-385A Rec-Transmitter, PN 46660-1100, SN 13861; Collins DME, IND-450C, PN 622-5588-001, SN 1059; Amerl-King AK-350 Altitude Encoder, SN 36103; Stormscope WX-8 Proc./Display, PN 78-8041-7819-8, SN U8D05003327, ARC R-443B Receiver, PN 42100-0000, SN 21235; Collins DME TCR-451, PN 622-3670-001, SN 5508.

Installed the following: Aspen EFD1000 Display Assembly, PN 910-00001-001, SN 24506; Aspen Configuration Module, PN 920-00004-002, SN 19749; Aspen Remote Sensor Mod, PN 910-00003-001, SN 202649; Aspen Analog Converter Unit, PN 910-00004-001, SN 16575; IAW Aspen Avionics EFD1000 and EFG500 Software Version 2.X Installation Manual, No. 900-00003-001, Revision BR, dated November 2016, and AML STC 10822SC.

Garmin GTN 650 PN 010 00813-50, SN 1Z8022724, IAW Garmin GTN 6XX/7XX Part 23 AML STC Installation Manual, No. 190-01007-A3, Revision 10, dated September 2016, and AML STC No. SA02019SE-D.

Garmin Flight Stream 210, PN 010-01194-41, SN 3RE006017 IAW with Garmin Flight Stream 110/210 TSO Installation Manual, PN 190-01700-00, Rev. E, dated December 2015.

Garmin GTX 345 Transponder, P/N 010-01213-01, SN 3EGC06438, IAW Garmin GTX 3XX Part 23 AML STC Installation Manual, PN 190-00734-10, Revision 8, dated October 2016, AND AML STC No. SA01714W1.

Garmin GA 35 WAAS Antenna, PN 013-01235-00, SN 134603, IAW Garmin GPS and XM Antenna STC Installation Manual, PN 190-01284-00, Rev. D, dated March 2012, and AML STC No. SA02018SE-D.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with manufacturer's instructions. Pertinent details of this repair are on file at this repair station under the referenced Work Order Number: 2012

Date: 05/01/2017 Authorized Signature:

Description of Inspections, Tests, Repairs and Alterations
 Number of (clitic entries.)

CRYSTAL AVIONICS LLC
 1746 Entrance Dr.
 New Braunfels, Texas 78130
 (830)626-3838
 FAA Repair Station YVCR493Y

N: 5412N
 Date: 5-2-2017
 FAR 91.411

Details of this inspection are filed under Repair Station Work Order No. 2012

System Tested To: 20,000 FT

Pilot's Altimeter: P/N: EFD1000 S/N: 24506 Tested To: 20,000 FT

Co-Pilot's Altimeter: P/N: ~~XXXXXX~~ S/N: ~~XXXXXX~~ Tested To: ~~XXXXXX~~ FT

I certify that the Altimeter & Altitude reporting equipment test and inspections required by FAR 91.411 have been performed in accordance with FAR43, Appendix E. I found these systems to be in Airworthy Condition and Approve these systems for return to service.

Date: 5-2-2017 Signature:

FAA CERTIFICATED REPAIR STATION YVCR493Y

Form# CA-08 - V2.0 - 1/15/09

DATE
RECORDING TACH
TODAYS FLIGHT
TOTAL TIME IN AIR
Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of

CRYSTAL AVIONICS LLC
 1746 Entrance Dr.
 New Braunfels, Texas 78130
 (830)626-3838
 FAA Repair Station YVCR493Y

N: 5412N
 Date: 5-2-2017
 FAR 91.413

Details of this inspection are filed under Repair Station Work Order No. 2012

Automatic Pressure Reporting System Tested To: 20,000

No. 1 Transponder: Model: GTX345 S/N: 38G006438 Tested On: 5-2-2017

No. 2 Transponder: Model: N/A S/N: N/A Tested On: N/A

I certify that the ATC Transponder reporting equipment and inspections required by FAR 91.413 have been performed in accordance with FAR43, Appendix F. I found these systems to be in Airworthy condition and approve these systems for return to service.

Date: 5-2-2017 Signature:

FAA CERTIFICATED REPAIR STATION YVCR493Y

Form# CA-08 - V2.0 - 1/15/09

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



Specialized Aero LLC.
 2285 Airport Drive
 San Marcos, Texas 78666
 Phone: 512-392-4534
 Fax: 512-392-4514 FAA Repair
 Station No. 7SLR322B

Reg. No.	N5412N	Tach Time	17.2
Make	Cessna	Model	182R
Airframe S/N	18267763	Nationality	USA
Airframe Log			
W.O No.	173530		

Aircraft brought to shop with wings removed for trailer transport. Repaired area of corrosion on fuselage exterior forward of using doubler fabricated from .032 Alclad material in accordance with AC 43.13-1B Chg. 1 Ch 4 par. 4-58. Installed wings and rigged flaps and ailerons in accordance with Cessna 182R Service Manual. Reinstalled engine SN 1033119 in this aircraft and rigged controls in accordance with Cessna 182R Series Service Manual and Air Plains installation information. Engine run good. Adjusted idle speed to 600 rpm and adjusted propeller governor to 2700 rpm maximum as per same. Installed new voltage regulator PN VR515F- ops check good. Installed one new EGT probe PN M-111- ops check good.

This task has been performed in accordance with current regulations of the FAA and aircraft has been approved for return to service for work the performed. Pertinent details of this action are on file at this repair station under Work Order No. 173530.

[Signature]
 Rogers Hunter
 CSR 7SLR322B
 10/20/2017

DATE	RECORDING TACH TIME	TODAYS FLIGHT	Description of Inspections, Tests, Repairs and Alterations
19			<p>Gafford Aero, Inc. 1833 Airport Dr., San Marcos, TX 78666 (512) 396-3323 gaffordaero@austin.rr.com</p> <p>AIRFRAME Log Date: 11/7/2017 N: 5412N Tach: 25.2 ^{21.4} per</p> <p>Reinstalled the 5931P-1-A56 standby altimeter, S/N J6676, after repair and certification, see work order 711002 from Aircraft Instrument Support.</p> <p><i>[Signature]</i> Michael Medcalf A&P 2764389</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	Description of Inspections, Tests, Repairs and Alterations
			<p>GAFFORD AERO, INC 1833 AIRPORT DRIVE, P.O. BOX 1354. SAN MARCOS, TEXAS 78667 Phone 512 396-3323, Fax 512 396-3329. e-mail gaffordaero@austin.rr.com</p> <p>AIRFRAME Log Date: 11/14/2017 N: 5412N Tach: 21.4 TT: 2361.5</p> <p>Installed a new ELT battery, expires 6/30/2019. C/W FAR 91.207 (d), inspection and test of the ELT. Installed 2 each 327 post light bulbs.</p> <p><i>[Signature]</i> Michael Medcalf A&P 2764389</p>

Gafford Aero, Inc.				
DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	1833 Airport Dr., San Marcos, TX 78666 (512) 396-3323 gaffordaero@austin.rr.com
19				Tests, Repairs and Alterations Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		AIRFRAME Log	Date: 3/22/2018	N: 5412N Tach: 39.0 TT: 2379.1
		<p>Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, ran new wire harness inside the cowl for the taxi and landing lights. Serviced the battery. Inspected the central instrument filter and the vacuum garter filter. Cleaned minor corrosion from the left and right interior skins behind the cabin heat ducts. Installed new left and right S1110ET ducting. Inspected and cleaned the main fuel screen. C/W SEB 95-3, flap support inspection and roller washer installation, installed all new flap rollers and hardware, and installed McFarlane inboard aft roller kits MCSK100 per STC SA01074WI, see FAA 337. Installed new left and right cowl flap hinge assemblies. Jacked aircraft, removed wheels, inspected and repacked the bearings. Installed new 6.00-6 ply tires on left and right main wheels, and a new tube in the left main wheel. Installed new flex brake hoses at both master cylinders, resealed the LH brake caliper, and replaced all the brake linings. Bled brake system and leak checked.</p> <p>C/W FAR 91.207 (d), inspected and tested the ELT, battery due 6/2019.</p> <p>C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.</p> <p>All ADs checked and compliance verified as of this date, see full AD report in logs.</p> <p>I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.</p> <p><i>Kenneth Medcalf</i> Kenneth Medcalf A&P 452760326 IA</p>		

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 Technician or Repair Facility. (See back pages for other specific entries.)
19				
				GAFFORD AERO, INC 1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667 Phone 512 396-3323, Fax 512 396-3329. e-mail gaffordaero@austin.rr.com
		AIRFRAME Log	Date: 11/5/2018	N: 5412N Tach: 68.8 TT: 2408.9
		<p>Gascolator leaking. Installed new orings in the gascolator. Installed new J-7444-24 cowl mount next to the gascolator due to erosion from the fuel leak. Leak checked the gascolator, none noted.</p> <p><i>Michael Medcalf</i> Michael Medcalf A&P 2764389</p>		

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

Gafford Aero, Inc.

1833 Airport Dr., San Marcos, TX 78666
(512) 396-3323 gaffordaero@austin.rr.com

AIRFRAME Log Date: 4/1/2019 N: 5412N Tach: 86.2 TT: 2426.3

Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, serviced the battery. Inspected the central instrument filter and replaced the vacuum garter filter. Inspected and cleaned the main fuel screen. Jacked aircraft, removed wheels, inspected and repacked the bearings. Serviced the brake system.

C/W FAR 91.207 (d), inspected and tested the ELT, installed new battery, due 6/2021.

C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.

All ADs checked and compliance verified as of this date, see full AD report in logs.

I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.

Kenneth Medcalf
Kenneth Medcalf A&P 452760326 IA

CASTLEBERRY Instruments & Avionics

13405 Immanuel Rd. Suite 1A Pflugerville, TX 78660
ph. 512-251-5322 FAA Repair Station #CIYR304X

A/C # N5412N Tach time 0090.9 hr.

Work order # 10476 Tested to 20 k ft.

This certifies that the altimeter, altitude reporter, static system & transponder testing required by 14 CFR 91.411 & 91.413 has been performed, and is functional, in compliance with FAR 43 Appendix E & F.

Inspector *[Signature]* Date 5/28/2019

CIA form H7 Rev. 6/16/2017

Avery 5163

Inspections, Tests, Repairs and Alterations

dorsed with Name, Rating and Certificate Number of
ir Facility. (See back pages for other specific entries.)

GAFFORD AERO, INC

1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
Phone 512 396-3323, Fax 512 396-3329. e-mail gaffordaero@austin.rr.com

AIRFRAME Log Date: 7/12/2019 N: 5412N Tach: 95.0 TT: 2435.1

Removed the factory OEM pilot and copilot shoulder harnesses. Installed B.A.S., Inc pilot and copilot shoulder harness inertial reel system per STC SA2067NM. Filed Form 337, revised the weight and balance.

[Signature]
Michael Medcalf A&P 2764389

DATE

19_____

GAFFORD AERO, INC

1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
Phone 512 396-3323, Fax 512 396-3329. e-mail gaffordaero@austin.rr.com

AIRFRAME Log Date: 7/16/2019 N: 5412N Tach: 95.0 TT: 2435.1

Installed a new RG24-15M battery, S/N 41012083.

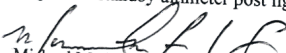

 Michael Medcalf A&P 2764389

GAFFORD AERO, INC

1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
Phone 512 396-3323, Fax 512 396-3329. e-mail info@gaffordaero.com

AIRFRAME Log Date: 9/20/2019 N: 5412N Tach: 105.2 TT: 2445.3

Removed the wheel fairings (set of 3), revised the weight and balance. Installed a new P10-6150 paper induction filter (AD 86-24-02), due each 500 hrs. Replaced the 327 lamp in the standby altimeter post light.


 Michael Medcalf A&P 2764389

Repairs and Alterations

Certificate Number of
other specific entries.)

DATE

19_____

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of
Technician or Repair Facility. (See back pages for other specific entries.)

GAFFORD AERO, INC

1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
Phone 512 396-3323, Fax 512 396-3329. e-mail info@gaffordaero.com

AIRFRAME Log Date: 3/6/2020 N: 5412N Tach: 144.3 TT: 2484.4

Installed a new 6.00-6, 6 ply tire on the RH main wheel.


 Michael Medcalf A&P 2764389

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

Gafford Aero, Inc.

1833 Airport Dr., San Marcos, TX 78666
(512) 396-3323 info@gaffordaero.com

AIRFRAME Log Date: 5/7/2020 N: 5412N Tach: 148.3 TT: 2488.4

Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, serviced the battery. Inspected the central instrument filter and replaced the vacuum garter filter. Inspected and cleaned the main fuel screen. Jacked aircraft, removed wheels, inspected and repacked the bearings. Rotated left main tire. Serviced the brake system. Reinstalled the wheel fairings, weight and balance revised.

C/W FAR 91.207 (d), inspected and tested the ELT, installed new battery, due 6/2021.

C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.

All ADs checked and compliance verified as of this date, see full AD report in logs.

I certify this aircraft has been inspected IAW an **annual** inspection and was determined to be in airworthy condition.

Kenneth Medcalf
Kenneth Medcalf A&P 452760326 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

Gafford Aero, Inc.

1833 Airport Dr., San Marcos, TX 78666
(512) 396-3323 info@gaffordaero.com

AIRFRAME Log Date: 5/28/2021 N: 5412N Tach: 186.0 TT: 2526.1

Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, serviced the battery. Inspected the instrument filters. Inspected and cleaned the main fuel screen. Jacked aircraft, removed wheels, inspected and repacked the bearings. Serviced the brake system.

C/W FAR 91.207 (d), inspected and tested the ELT, installed new battery, due 7/2023.

C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.

AD 2020-18-01 not due until reaching 4000 hours time in service.

All ADs checked and compliance verified as of this date, see full AD report in logs.

I certify this aircraft has been inspected IAW an **annual** inspection and was determined to be in airworthy condition.

Kenneth Medcalf
Kenneth Medcalf A&P 452760326 IA

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 Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

CASTLEBERRY Instruments & Avionics
 13405 Immanuel Rd. Suite 1A Pflugerville, TX 78660
 ph. 512-251-5322 FAA Repair Station #CIYR304X
A/C # N5412N Tach time 191.0 hr.
Work order # 10819 Tested to 20 k ft.
 This certifies that the altimeter, altitude reporter, static system & transponder testing required by 14 CFR 91.411 & 91.413 has been performed, and aircraft is functional in compliance with FAR 43 Appendix E & F.
 John Mounce, Repairman certificate # 2805989
Inspector *John Mounce* Date 26 Aug 2021
CIA form H7 Rev. 6/16/2017

GAFFORD AERO, INC
 1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
 Phone 512 396-3323, Fax 512 396-3329. e-mail info@gaffordaero.com

AIRFRAME Log Date: 10/18/2021 N: 5412N Tach: 202.8 TT: 2542.9

Installed new Whelen G3 series LED taxi light (01-0772102-15) and landing light (01-0772102-10) in place of the previously installed Whelen PAR36 series LED lights. These new lights are approved under the same STC SA00344BO.

Michael Medcalf
 Michael Medcalf A&P 2764389

DATE	RECORDING TACH TIME	TODAY FLIGHT
19 _____		

Gafford Aero, Inc.
 1833 Airport Dr., San Marcos, TX 78666
 (512) 396-3323 info@gaffordaero.com

AIRFRAME Log Date: 6/7/2022 N: 5412N Tach: 216.9 TT: 2557.0

Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, inspected the battery. Inspected the instrument filters. Inspected and cleaned the main fuel screen. Jacked aircraft, removed wheels, inspected and repacked the bearings. Serviced the brake system. Tightened nose gear scissor linkage and serviced strut.
C/W FAR 91.207 (d), inspected and tested the ELT, battery due 7/2023.
C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.
AD 2020-18-01 not due until reaching 4000 hours time in service.
 All ADs checked and compliance verified as of this date, see full AD report in logs.
 I certify this aircraft has been inspected IAW an **annual** inspection and was determined to be in airworthy condition.

Kenneth Medcalf
 Kenneth Medcalf A&P 452760326 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Gafford Aero, Inc.

1833 Airport Dr., San Marcos, TX 78666
 (512) 396-3323 info@gaffordaero.com

AIRFRAME Log Date: 7/7/2023 N: 5412N Tach: 244.1 TT: 2584.2

Performed an annual inspection IAW the scope and detail of FAR 43, Appendix D. Inspected the controls, cables, and attach points, lubed airframe as necessary. Checked all lighting, inspected the battery. New RG24-15M is on order (no stock). Inspected and cleaned the main fuel screen. Jacked aircraft, removed wheels, inspected and repacked the bearings. Installed new 6.00-6, 6 ply main tires with new tubes. Serviced the brake system. Serviced and greased the nose strut.

C/W FAR 91.207 (d), inspected and tested the ELT, replaced battery, due 11/2024.

C/W AD 2011-10-09 (g), inspected seats and rails, no defects noted.

AD 2020-18-01 not due until reaching 4000 hours time in service.

All ADs checked and compliance verified as of this date, see full AD report in logs.

I certify this aircraft has been inspected IAW an **annual** inspection and was determined to be in airworthy condition.

Kenneth Medcalf
 Kenneth Medcalf A&P 452760326 IA

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

GAFFORD AERO, INC

1833 AIRPORT DRIVE, P.O.BOX 1354. SAN MARCOS, TEXAS 78667
 Phone 512 396-3323, Fax 512 396-3329. e-mail gaffordaero@gmail.com

AIRFRAME Log Date: 8/11/2023 N: 5412N Tach: 244.1 TT: 2584.2

Installed a new RG24-15M battery, S/N 41330135.

Michael Medcalf
 Michael Medcalf A&P 2764389

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



13405 Immanuel Rd. Suite 1A Pf lugerville, TX 78660
Ph: (512) 251-5322 FAA Repair Station # CIYR304X

Tail # N542N Hours: 2477 W.O. # 11221

Tested primary altimeter: Aspen EFD 1000
p/n: 9D-00001001 s/n: 24506

Standby altimeter: United Instruments
p/n: 5934P-1A.56 s/n: J6676

IAW FAR 43 appendix E and checked system integration,
leak checked aircraft static system. Static system is fully 4 CFR
part 91411 compliant to 20k Ft.

Tested transponder: GTX 345
p/n: 0D-0216-01 s/n: 3EG006438

IAW FAR 43 appendix F and tested system data correlation.
ATCRB system is fully CFR part 914B compliant.

Inspector: *Jared Pape*

Date: *10/19/2023*