DATE 1999 12-14	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.)
			1037.1	C/W AD 87-20-03 by Inspection Replace ~~Left~~ outboard wheel Bearing And Race.
				I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH ~~ANNUAL~~ INSPECTION AND FOUND TO BE AIRWORTHY E H Smith 1382071 A&P
8-30	2000			Install new tire on nose. & Balance. E H Smith 1382071 ~~A&P~~

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DATE 19 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.)
1-31			1074.0	This A/c has been tagged and has been Found S.A.F.E. for the intended Flight in Accordance with Special with Special Flight permit dated 01-22-01 E H Smith 1382071 A&P

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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.)

MAINTENANCE RELEASE

Component Ident. Recover seats,sidepanels,carpet,paint headliner,window plastic& door jams reweb seat belts,(2) seat belts

Model Cessna 172 N536JR

S/N 17262831 W.O.# 1311

The component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and/or customer specifications and is approved for return to service. Pertinent details of the repair are on file at this station on the above listed work order number. Meets FAR25.853Vertical Burn

Don Ogle RC2412451

(signature of authorized personnel)

Don Ogle Aircraft Interiors Inc.
Hangar 2, Wiley Post Airport
Oklahoma City, Okla. 73132

Date 3/23/2001 Approved Repair Station

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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.)

The Altimeter and Static systems tests required by FAR 91.411/Far43. Appendix E have been performed this date 3/28/2001
Altimeter S/N NA Certified this date 3/28/2001 By Bevan Rabell
Per W.O. 15592

Bevan-Rabell, Inc. C.R.S. KG2R951K

This aircraft's Transponder, Make A&C
Model RT359A S/N NA ; Altitude Encoder
Make NA Model — S/N —
has been inspected and complies with the requirements of FAR 91.413 and FAR43, Appendix F.
Date: 3/28/2001

Bevan-Rabell, Inc. C.R.S. KG2R951K

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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.)

AIR PLAINS SERVICES
we sell performance

Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: 0101029
N#: 536JR
Tach: 1082.85
Date: 03/30/01

Airframe Log

Installed Lycoming O-360-A4M Engine & Sensenich 76EM8S14-0-60 Propeller in accordance with **AIR PLAINS SERVICES, CORP. STC SA4428SW.** Installed new: engine shock mounts/hardware, fuel/oil lines, alternator belt, air filter & flexible air hoses. Engine includes new starter and Aero Electric alternator. Gross weight increased in accordance with **AIR PLAINS SERVICES, CORP. STC SA 2196CE.** For details of modifications performed, reference **FAA Form 337 Dated: 03/30/01**

New Engine Serial #: L-37908-36A
Propeller Serial #: 34033K
Alternator Serial #: A-158158

New Gross Weight: 2550.00
New Empty Weight: 1501.00
New Useful Load: 1049.00
Empty Weight C. G.: 37.52

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

Signed _____ Inspector

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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.)

AIR PLAINS SERVICES
we sell performance

Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: 0101030
N#: 536JR
Tach: 1082.85
Date: 03/30/01

Airframe Log

Serviced and inspected the aircraft in accordance with an **ANNUAL** inspection. Performed AD list search on the aircraft, engine, propeller and installed accessories. Cleaned all fuel and air filters. Installed new ELT. Inspected the ELT, "G" switch, batteries and installation IAW **FAR 91.207**: ELT- ACK, Model: E-01, SN: 038344, Battery expires: 03/05. Reinstalled the ELT and rearmed. Inspected seats, seat rails, seat rollers and seat latch pins per para (a) of **AD 87-20-03** and **Service Letter SE 83-6.** Installed spring to the seat lever on the LH side of pilot's seat. Inspected the fluid line IAW **AD 97-01-13.** Inspected Gerdes ignition switch IAW **AD 93-05-06 and SEB 91-5**, installed diode and switch kit. Inspected fuel strainer standpipe IAW **AD 2000-06-01** and determined that it is not applicable. Painted facia panels and installed new placards. Installed black radio cover plates. Lubed throttle control cable. Installed new mixture cable. Installed cowl fastener ring. Installed 2 new cowl shock mounts. Installed a new intake shroud on the muffler. Installed new central vac filter. Installed new fuel placards. Tightened LH flap aft bolt. Installed new flap switch. Stop drilled cracks and installed repair doubler around the jack point on the RH metal gear fairing. Cleaned and treated minor corrosion under ELT mount bracket and battery box. Replaced battery ground cable. Installed new cabin door hinge pins. Installed new shroud on airbox. Installed new carb heat bolt.

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

Signed _____ Inspector

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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.)

Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: **0101030**
N#: **536JR**
Tach: **1082.85**
Date: **03/30/01**

Fabricated and installed a placard to indicate oil pressure reads 20lbs low. Installed new fuel vent hoses. Installed teflon friction washer on RH fuel cap. Resealed shimmy dampner. Tightened nose gear torque links. Installed RMD lighted wing tips IAW mfg's installation instructions and RMD Aircraft Lighting, Inc. **STC SA4337NM.** Installed pulselite control unit IAW mfg's installation instructions and Precise Flight, Inc. **STC SA4005NM.** Removed radio, sent for repair and reinstalled. Fabricated and installed stainless steel patch and stop drilled cracks on the top RH of firewall. Adjusted the elevator travel, trim, rudder and wing cam bolts per the Cessna Service Manual. Installed new lights on red door post light, both landing lights and the high volt light. Installed new interior plastic. Applied bonding material between skin and frame on the trailing edge of the RH cabin door. Replaced instrument panel shock mounts. All replaced/repaired/installed items run and leak/operational checked ok.

"I certify that this AIRFRAME has been inspected IAW an ANNUAL inspection and was determined to be in airworthy condition."
***Signed** _____ **Certificate#:MNYRO85K**
***WO#: 0101030 Tach Time: 1082.85 Date: 03/30/01**

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

Signed _____ Inspector

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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.)

Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: **0101029**
N#: **536JR**
Tach: **1082.85**
Date: **03/30/01**

Aircraft Test Flown

Aircraft test flown upon completion of maintenance/rebuilding/alterations in accordance with **FAR 91.407, paragraph B.** Operational check of repaired/replaced/installed components test flown satisfactorily by an appropriately rated pilot.

_____
Pilot, PP, 521764591

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

Signed _____ Inspector

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GARDNER AVIATION SPECIALIST, INC. 215 BARRY WHATLEY WAY GRIFFIN, GA 30224 G3SR222J
LOG ID# 233 07-June-2001 WO# 16892/1 G3SR222J AC TT 1104.0
N536JR S/N 17262831 CESSNA 172M

Pg 1 / 1

ACTION: REMOVED ORIGINAL DIRECTION GYRO AND TURN COORDINATOR.INSTALLED S-TEC SYSTEM 30 AUTOPILOT INCLUDING:TURN COORDINATOR/ROLL COMPUTER PN:01260-1-0-14 SN:2386D,PITCH COMPUTER PN:01261-2-14 SN:2370A,PITCH SERVO SN:0107-1-P4 SN:12345D,ROLL SERVO PN:0105-5-R9 SN:15081,TRANSDUCER PN:0111,DIRECTION GYRO WITH HEADING PN:1U262-005-20 SN:80139F.THIS SYSTEM WAS INSTALLED IN ACCORDANCE WITH INSTALL BULLETIN NO. 774 REV 2 AND STC# SA09237AC-D.REMOVED THE #2 NAV/COM SYSTEM-RT328T NAV/COM AND IN-514R INDICATOR.REWIRED THE EXISTING KX155/KI209 TO BECOME THE #2 NAV/COM.INSTALLED KY196 AS #1 COM.INSTALLED KLN90B GPS AND KNS81 RNAV WITH RELAY SWITCHING TO DISPLAY ON NEW GI106A AS #1 NAV INDICATOR.INSTALLED ANNUNCIATORS AND SWITCHES IN CENTER OF PILOTS INSTRUMENT PANEL.INTERFACED GPS TO EXISTING ENCODER.THIS INSTALLATION IS CERTIFIED FOR VFR OPERATION. REPLACED RIGHT COM ANTENNA WITH NEW CI121.REPLACED ELECTRIC CLOCK WITH NEW CLOCK.INSTALLED MIC AND PHONE JACKS FOR REAR PASSENGER INTERCOM.THE REMOTE SWICHTING FOR THE DME WOULD NOT FUNTION CORRECTLY-EXCHANGED KNS81-INSTALLED SN:2891.RELOCATED PILOTS MIC AND PHONE JACKS FOR BETTER ACCESS.COMPLETED FAA FORM 337s.REVISED WEIGHT AND BALANCE RECORDS.

John Bennaman 6/7/2001
JOHN BENNAMAN Date

GARDNER AVIATION SPECIALIST, INC. 215 BARRY WHATLEY WAY GRIFFIN, GA 30224 G3SR222J
LOG ID# 234 07-June-2001 WO# 16892/1 G3SR222J AC TT 1105.0
N536JR S/N 17262831 CESSNA 172M

Pg 1 / 1

THE KLN90B GPS INSTALLATION HAS BEEN UPGRADED FROM VFR TO IFR APPROACH OPERATION.COMPLETED FAA FROM 337.

PERFORMED ALTIMETER CERTIFICATION, STATIC LEAK CHECK, TRANSPONDER CERTIFICATION, AND ALTITUDE REPORTING TEST PER FAR 91.411 AND 91.413 REQUIREMENTS. CALIBRATED ALTIMETER TO 20,000 FEET.

ALTIMETER: 5932-0105 S/N:62812
ENCODER: AR850 S/N:1452
TRANSPONDER: RT359A S/N:29497

John Bennaman 6/7/2001
JOHN BENNAMAN Date

DATE 19__

GEORGIA AVIATION, INC. AIRCRAFT LOG
DATE: 06-11-01 REG. # N536JR SER. # 172-62831 W.O. N/A
TACH: 1102.6 HOBBS: N/A TSN: 1102.6 TSO: N/A
RECONNECTED CIGAR LIGHTER IN ACCORDANCE WITH AD 79-08-03. REMOVED FUEL SELECTOR VALVE AND REPLACED O-RINGS AND SEALS, REINSTALLED, LEAK CHECK GOOD.
ROBERT F. McDOWELL III Robert F McDowell III 256272125IA

GEORGIA AVIATION, INC. AIRCRAFT LOG
DATE: 05-08-02 REG. # N536JR SER. # 17262831 W.O. 020501
TACH: 1137.9 HOBBS: N/A TSN: 1137.9 TSO: N/A
OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REMOVED AND REPLACED DEFROST NOZZLE P/N 0513386-1. ADJUSTED TENSION AND RIGGING OF RUDDER SYSTEM. ADJUSTED CABLE TENSION AND RIGGING OF ELEVATOR SYSTEM. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REPLACED SEALS IN BOTH FUEL TANK DRAINS. REPLACED ROLLERS, BUSHINGS, AND WASHERS ON BOTH FRONT SEATS. REPAIRED R/H LOWER BAFFLE. REMOVED MUFFLER AND REINSTALLED AFTER REPAIR USING NEW GASKETS. TIGHTENED ALTERNATOR BELT. INSPECTED ELT, REPLACED MAIN UNIT BATTERIES, OPS CHECK GOOD, ELT BATTERY RETIREMENT DATE IS MAY 2003. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:
1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 05-03.
CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**
ROBERT F. McDOWELL III Robert F McDowell III 256272125IA

GEORGIA AVIATION, INC. AIRCRAFT LOG
DATE: 01-15-03 REG. # N536JR SER. # 172-62831 W.O. 030116
TACH: 1159.7 HOBBS: N/A TSN: 1159.7 TSO: N/A
REMOVED BATTERY AND CHARGED, CLEANED AND TREATED BATTERY BOX, REINSTALLED BATTERY.
ROBERT F. McDOWELL III Robert F McDowell III 256272125AP

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GEORGIA AVIATION, INC. AIRCRAFT LOG

DATE: 07-02-03 REG. # N536JR SER. # 17262831 W.O. 030610

TACH: 1165.2 HOBBS: N/A TSN: 1165.2 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REMOVED AND REPLACED CABIN AIR CONTROL CABLE P/N S1239-48. REMOVED AND REPLACED STALL HORN P/N0413483-1. RESEALED LOWER SECTION OF WINDSHIELD. INSPECTED ELT, REPLACED MAIN UNIT BATTERIES, OPS CHECK GOOD. ELT BATTERY RETIREMENT DATE IS JULY 2004. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 07-04.

CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAS BEEN PERFORMED THIS DATE 20 AUG 03.

ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43 TO 15 000 FEET. DATE 20 AUG 03 STATIC SYSTEM CHECK PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER , GA. F.A.A. R/S #HS4R243M

SIGNED R Allen DATE 20 AUG 03

DATE 20 AUG 03 I CERTIFY THIS ATC TRANSPONDER (MAKE) ARC (MODEL) RT-359A (SERIAL #) — HAS BEEN TESTED, INSPECTED AND FOUND TO COMPLY WITH APPENDIX F OF F.A.R. 43 AND PART 91.413 F.A.A. R/S #HS4R243M

SIGNED R Allen DATE 20 AUG 03

TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA.

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GEORGIA AVIATION, INC. AIRCRAFT LOG

DATE: 11-04-03 REG. # N536JR SER. # 17262831 W.O. 31008

TACH: 1167.9 HOBBS: N/A TSN: 1167.9 TSO: N/A

INSTALLED NEW FLINT TIP TANKS P/N FA170, IN EACH OUTBOARD WING PANEL, PER INSTALLATION MANUAL, FILED 337 ON THIS DATE. COMPUTED WEIGHT AND BALANCE. WIRED TO AIRCRAFT THRU 5 AMP CIRCUIT BREAKERS P/N 7277-2-5. LEAK CHECK GOOD. INSTALLED OVERHAULED VACUUM PUMP P/N 215CC, S/N 11M 11809, CLEANED LINES, REPLACED FILTERS, OPS CHECK GOOD.

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

GEORGIA AVIATION, INC. AIRCRAFT LOG

DATE: 09-16-04 REG. # N536JR SER. # 17262831 W.O. 40909

TACH: 1188.9 HOBBS: 1138.9 TSN: 1188.9 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REMOVED AND INSTALLED NEW BEACON BULB P/N 34-0212010-97, OPS CHECK GOOD. INSPECTED ELT PER 91.207, REPLACED MAIN UNIT BATTERIES, OPS CHECK GOOD, ELT BATTERY RETIREMENT DATE IS 09-2005. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 09-05.

CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

GEORGIA AVIATION, INC. AIRCRAFT LOG

DATE: 11-25-04 REG. # N536JR SER. # 17262831 W.O. 41125

TACH: 1191.5 HOBBS: N/A TSN: 1191.5 TSO: N/A

REMOVED AND INSTALLED NEW BATTERY P/N RG25XC, OPS CHECK GOOD.

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

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GEORGIA AVIATION, INC. AIRCRAFT LOG

DATE: 11-05-05 REG. # N536JR SER. # 17262831 W.O. N/A

TACH: 1199.9 HOBBS: N/A TSN: 1199.9 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. INSPECTED ELT PER 91.207, REPLACED INOP ELT TRANSMITTER WITH NEW UNIT P/N E-01, OPS CHECK GOOD. ELT BATTERY RETIREMENT DATE IS 11-2006. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 11-06.

CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R PART 91.411
HAS BEEN PERFORMED THIS DATE 02 Feb 07
ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43
TO 20000 FEET. DATE 2 Feb-07 STATIC SYSTEM CHECK
PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA. F.A.A.R/S
#HS4R243M
SIGNED R Allen DATE 2 Feb 07

DATE 2 Feb-07 I CERTIFY THIS ATC TRANSPONDER
(MAKE) ARC (MODEL) RT-359A
(SERIAL#) — HAS BEEN TESTED, INSPECTED AND FOUND TO
COMPLY WITH APPENDIX F OF F.A.R. 43 AND PART 91.413 F.A.A. R/S#HS4R243M
SIGNED R Allen DATE 2 Feb-07
TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA.

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AERO SERVICES, INC. AIRCRAFT LOG

DATE: 02-15-07 REG. # N536JR SER. # 17262831 W.O. 70219

TACH: 1213.4 HOBBS: 1165.8 TSN: 1213.4 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REMOVED AND INSTALLED NEW MAIN TIRES P/N 072-314-0, AND TUBES P/N 092-315-0. REMOVED FUEL VALVE AND INSTALLED NEW SEALS AND GASKETS, REINSTALLED VALVE, LEAK CHECK GOOD. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REMOVED BATTERY, CLEANED BATTERY BOX AND TREATED, CHARGED BATTERY AND REINSTALLED. REMOVED BEACON FLASHER AND INSTALLED NEW P/N 150-0015, OPS CHECK GOOD. INSPECTED ELT PER 91.207, UNIT WOULD NOT FUNCTION, INSTALLED NEW UNIT WITH NEW BATTERIES, OPS CHECK GOOD, ELT BATTERY RETIREMENT DATE IS 02-2008. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 02-08.

CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

AERO SERVICES, INC. AIRCRAFT LOG

DATE: 05-06-08 REG. # N536JR SER. # 17262831 W.O. 80518

TACH: 1249.7 HOBBS: 1204.3 TSN: 1249.7 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REMOVED MUFFLER AND INSTALLED NEW P/N K1754001-21. REMOVED AND INSTALLED NEW ROD ENDS FORWARD AND AFT AILERON CONTROL RODS P/N S1819-3. REMOVED AND INSTALLED NEW R/H AILERON CENTER HINGE P/N MC0523816-1. REMOVED AND INSTALLED NEW AFTER PAINTING NOSE WHEEL PANT P/N SA0543079-3, L/H UPPER STRUT FAIRING P/N SA0523047-1, L/H LOWER STRUT FAIRING P/N SA0522150-1, R/H UPPER STRUT FAIRING P/N SA0523047-2, R/H LOWER STRUT FAIRING P/N SA0522150-2, L/H ELEVATOR CAP P/N SA0532001-94, R/H ELEVATOR CAP P/N SA0532001-100. REMOVED TRANSPONDER AND REINSTALLED AFTER REPAIR BY BEVAN-RABELL, GROUND CHECK GOOD. INSPECTED ELT PER 91.207, INSTALLED NEW BATTERIES P/N MN1300, PX28L, OPS CHECK GOOD, ELT BATTERY RETIREMENT DATE IS 05-2009 MAIN UNIT, 05-2013 REMOTE CONTROL. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 05-09.

CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robt F McDowell III 256272125IA

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations (Entries must have ... and Certificate Number of ... s for other specific entries.)

N# 536JR MAKE CESSNA MODEL 172
THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R PART 91.411
HAS BEEN PERFORMED THIS DATE 10 APR 09
ALTIMETER TESTED IN COMPLIANCE WITH APPENDIX E PART 43
TO 20000 FEET. DATE 10 APR 09 STATIC SYSTEM CHECK
PERFORMED BY RAY ALLEN'S ELECTRONICS, INC. BUTLER, GA F.A.A.
R/S#HS4R243M
SIGNED R Allen DATE 10 APR 09

DATE 10 APR 09 I CERTIFY THIS ATC TRANSPONDER
(MAKE) ARC (MODEL) RT-359A
(SERIAL) — HAS BEEN TESTED, INSPECTED AND FOUND TO
COMPLY WITH APPENDIX F OF F.A.R. 43 AND PART 91.413 F.A.A. R/S#HS4R243M
SIGNED R Allen DATE 10 APR 09
TESTS PERFORMED BY RAY ALLEN'S ELECTRONICS, INC BUTLER, GA

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AERO SERVICES, INC. AIRCRAFT LOG

DATE: 05-15-09 REG. # N536JR SER. # 17262831 W.O. 90525
TACH: 1274.6 HOBBS: 1230.4 TSN: 1274.6 TSO: N/A

OPENED AIRCRAFT AND INSPECTED FOR AN ANNUAL INSPECTION. LUBRICATED PULLEYS BELLCRANKS. REPACKED WHEEL BEARINGS. REPLACED BRACKETT AIR FILTER ELEMENT P/N BA6108. REPLACED INSTRUMENT VACUUM FILTERS D9-14-5 AND B3-5-1. REMOVED ADF AND REINSTALLED AFTER REPAIR BY BEVAN-RABELL, GROUND CHECK GOOD. ADJUSTED L/H WING ECCENTRIC TO MATCH R/H, ADJUSTED FLAP SYSTEM TO MATCH NEW POSITION. CHECKED AND ADJUSTED AS REQUIRED FLIGHT CONTROL CABLE TENSIONS AND RIGGING. REMOVED L/H AND R/H TIP STROBE POWER SUPPLIES AND INSTALLED NEW P/N 152-0007, OPS CHECK GOOD. INSPECTED ELT PER 91.207, INSTALLED NEW BATTERIES P/N MN1300, OPS CHECK GOOD. ELT BATTERY RETIREMENT DATE IS 05-2011 MAIN UNIT, 05-2013 REMOTE CONTROL. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 87-20-03 R2 (09-24-90) SEAT TRACKS BY INSPECTION PER PARA II. (C) DUE AGAIN 05-2010.
2. AD93-05-06 (04/29/93) ACS INGNITION SWITCHES, NOT DUE AT THIS TIME, PARA (A), NEXT DUE 3082.5 TOTAL TIME.
3. AD08-10-02 (05/12/08) ALTERNATE STATIC SOURCE VALVE, EFFECTED EQUIPMENT NOT INSTALLED. NO FURTHER ACTION REQUIRED.
4. AD08-26-10 (01/05/09) ALTERNATE STATIC SOURCE VALVE, EFFECTED EQUIPMENT NOT INSTALLED, NO FURTHER ACTION REQUIRED.

WEIGHED AIRCRAFT THIS DATE WITH FULL FUEL AND OIL.
TOTAL WEIGHT INFORMATION FULL FUEL AND OIL 1944.0 LBS., 40.89 C.G., 79483.00 MOMENT,
EMPTY WEIGHT INFORMATION
EMPTY WEIGHT 1578.0
E.W.C.G. 39.09
E.W. MOMENT 61684.60
USEFUL LOAD 972.00
CLOSED AIRCRAFT. **I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

ROBERT F. McDOWELL III Robert F McDowell III 256272125IA

AERO SERVICES, INC. AIRCRAFT LOG

DATE: 07-01-09 REG. # N536JR SER. # 17262831 W.O. 90625
TACH: 1287.1 HOBBS: 1243.7 TSN: 1287.1 TSO: N/A

REMOVED L/H AND R/H INSTURMENT PANEL COVERS. FITTED NEW VANTAGE COVERS, PAINTED TO MATCH AND INSTALLED P/N K0513445-23, K0513445-13, K0513445-36. REMOVED BAGGAGE COMPARTMENT R/H SIDEWALL AND TOP BAGGAGE MOULDING. FITTED AND INSTALLED NEW VANTAGE PARTS, PAINTED TO MATCH, AND INSTALLED P/N K0500120-97, K05150012-2.

ROBERT F. McDOWELL III Robert F McDowell III 256272125IA

DATE | WORK DONE: | OVERHAULED

CENTURY INSTRUMENT CORP.
4445 SOUTHEAST BOULEVARD
WICHITA, KS 67210

WORK ORDER NO. K1137397
DATE 7/14/10
PART NO.

1670-0010-0001 1-44

Iterations
Number of
ific entries.)

7-29-09 (1297.7) Replaced LH & RH fuel tank drains
Frank May
A&P 426239616

Date: 06/01/10 Time: 1390.1

Replaced ELT batteries & ops checked i/a/w FAR 91.207d. Batteries due 06/12. Inspected seat tracks i/a/w AD87-20-03R2, due again 06/11. Brake pads replaced. Performed miscellaneous/minor repairs.

I certify that this aircraft has been inspected i/a/w an Annual Inspection & has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

7-31-10 Removed Attitude Ind. for repair
Tach 1440.0 Reinstalled after O/H by Century
Instruments Ops ck OK
A&P 426239616

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HARTZELL ENGINE TECHNOLOGIES

ALT-98 Computerized Test Report

P/N: DOFF10300JR PASS

S/N: H-M051837 5/30/2012 12:48

Description: 12V, 60A, NEG

This alternator has an external voltage regulator, SOME PARAMETERS DO NOT APPLY.

Test Results Table:

Maximum Alternator Output:	Amps	74.3
Maximum Output Power:	Watts	1103
Leakage Current	mAmps	2.85
Ripple Current	Amps	14.0
Alternator Turn On Speed	RPM	1136
Field Current	Amps	3.93

Output Current Table:

Output Current at 1800 RPM	Amps	35.3
Output Current at 2000 RPM	Amps	42.0
Output Current at 3600 RPM	Amps	65.7
Output Current at 5400 RPM	Amps	71.9
Output Current at 7500 RPM	Amps	74.3
Output Current at 0 RPM	Amps	0.0
Output Current at 0 RPM	Amps	0.0
Output Current at 0 RPM	Amps	0.0

Output tested @ 15 V

Output [Amps] Alternator Performance Curve

...ire and Alterations

...pper & 1 lower
...06/12.

...on & has been

...w FAR
...s and rollers
...l alternator w/
...ding light

...n and has

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DATE	RECORDING	TODAYS	TOTAL	Description of Inspections, Tests, Repairs and Alterations

19.

Date: 06/01/11 Time: 1517.1 TT: 1517.1

Checked ELT i/a/w FAR 91.207d, batteries due 06/12. Replaced 1 upper & 1 lower cowl shock mounts. Inspected seat tracks i/a/w AD87-20-03R2, due again 06/12. Adjusted vacuum regulator. AD11-06-02 is n/a.

I certify that this aircraft has been inspected i/a/w an Annual Inspection & has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

Date: 07/01/12 Time: 1627.5 TT: 1627.5

Adjusted vacuum regulator. Replaced ELT batteries and inspected i/a/w FAR 91.207d, batteries due 07/14. Replaced primer O rings. Inspected seat tracks and rollers i/a/w AD11-10-09, due again 07/13. Replaced VSI with used unit. Replaced alternator w/ o/h'd unit and ops checked. Adjusted rudder trim tab. Replaced wingtip landing light bulbs and cowl mounted landing and taxi light bulbs.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

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DATE 19____	RECORDING TACH TIME	TOI FLI	...s and Alterations ...ertificate Number of ...ther specific entries.)

Aircraft Electromotive FAA CRS# TF4R542M

I certify that the Altimeter, Encoding, and Static system test required by FAR 91.411 have been performed this date.

Alt S/N_____ tested to 20,000 FT.

I certify that the transponder test required by FAR 91.413 has been performed and found to comply. R076

Make & Model

Signature _____ Date 6-15-13

N536JR

Date: 08/01/13 Time: 1688.2

Replaced both MLG tires and tubes. Replaced all brake pads. Ops checked ELT i/a/w FAR 91.207d, batteries due 07/14. Installed new muffler. Made miscellaneous and minor repairs. Inspected seat rollers and tracks i/a/w AD11-10-09, due again 08/14. Replaced 3 cowl shock mounts. Replaced aircraft battery.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Date: 09/01/14 Time: 1750.7

Replaced ELT batteries and tested i/a/w FAR 91.207d, batteries due 09/16. Performed miscellaneous/minor repairs. Inspected seats and seat tracks i/a/w AD11-10-09, due again 09/15.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

© 199

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.)
01-26-15		Installed		Aero Technologies Saf-T-Straps
1761.9		ilak STC		SA11966L. No weight change.
				A+P 426239616IA

Sticker attached in error. moved. FM

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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.)

Gulf Coast Avionics™
CORPORATION

Date:2/26/2015 CESSNA 172M S/N 17262831 Work Order # SO-24760 TACH: 176.77
Installed Garmin GDL-84 ADSB Transceiver P/N 011-0372-00 S/N 41W000304 at F.S.# 113.0, Comant CI-105 L-band antenna at F.S.# 96.0 AND GARMIN GA-35 GPS ANTENNA P/N 013-00235-00 S/N 112438.

Garmin GDL-84 installed in accordance with Garmin STC SA02119SE dated Dec. 28, 2012 and Garmin STC installation manual p/n 190-01310-00 Rev. 5 dated DEC 2014. The GDL-84 is powered from the Avionics bus located on the pilot panel via a 3 amp Klixon circuit breaker P/N 7277-2-3 labeled 'ADSB'. The GDL-84 System is interfaced to existing Garmin GNS-530 WAAS NAV/COM/GPS. Interfaced to ASPEN PFD1000 for altitude. Installed GA-35 GPS antenna with fabricated doubler IAW STC# SA01695SE. System operational checks good in reference to manufacturers specs. No faults found.

Inserted Garmin FAA Approved Instructions for Continued Airworthiness p/n 190-01310-01 Rev. 2 JAN 2015 and a completed copy of the GDL-84 configuration and checkout form p/n 190-01310-00 REV 5 into aircraft records. Installed GDL-84 Pilots Guide p/n 190-01122-03 REV E dated DEC 2014 in aircraft. Installed Garmin Flight Manual Supplement P/N 190-01310-02 REV 2 JAN 2015.

THE INSTALLATION IS IN COMPLIANCE WITH FAR 23.1301 & 23.1431.
PERFORMED ELECTRICAL LOAD ANALYSIS REFERENCE 23.1351. ALL WORK DONE IN REFERENCE TO AC 43-13.1B CHAP 7 SEC 1-7, CHAP 10 SEC 2 PAR 10-16, 10-19, 10-20, CHAP 11 SEC 5-17, CHAP 12 SEC 1-3. AC 43-13.2B CHAP 1 (ALL), CHAP 2 PAR 200, 201, 202, 205-210, & CHAP 3 PAR 300 - 310.
LOGBOOK ENTRIES COMPLETE, REVISED EQUIPMENT LIST AND WEIGHT AND BALANCE.

The components listed were inspected IAW manufactures specifications and inspected IAW current maintenance rules of the FAA and is approved for returned to service.

Sarah Smith

Sarah Smith: approved signature for
Gulf Coast Avionics Corp. Lakeland, FL. 33811
FAA CRS #UB4R564M & INAC OMAC-E #547

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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.)

Gulf Coast Avionics™
CORPORATION

Date 2/26/2015 CESSNA 172M S/N 17262831 Work Order # SO-24760 TACH: 176.77

REMOVED BENDIX KING KNS81 RNAV RECEIVER S/N 2891, KLN90B GPS RECEIVER S/N 20176, KY196A COM S/N 8360, IN-346A ADF INDICATOR S/N 1822, KI-209 VOR/LOC INDICATOR S/N 66592, COMANT KA91 GPS ANTENNA S/N 12061, ARC R-546E ADF RECEIVER S/N 34540. INSTALLED GARMIN GNS-530W WAAS GPS/NAV/COM, GA35 GPS ANTENNA AND THE GARMIN FLIGHTSTREAM 210.

1.INSTALLED THE GARMIN GNS-530W P/N 011-01064-00 S/N 23802200 GPS SYSTEM AT FS #10.0 IN THE RADIO STACK IN THE PILOTS FIELD OF VIEW AS OUTLINED IN TSO C146a STC# SA01933LA-D. INSTALLED THE GA35 GPS ANTENNA AT FS#29.0 S/N 113493 IAW STC# SA01695SE. INSTALLED THE GARMIN FLIGHTSTREAM 210 P/N010-01194-41 S/N 3RE001380 IN THE AFT AVIONICS SHELF AT F.S.#113.0 IN REFERENCE TO GARMIN TSO INSTALLATION MANUAL 190-01700-00 REV B AND GARMIN GNS530 W STC# SA01933LA-D.
2. PROVIDED POWER TO THE GPS SYSTEM FROM THE 14VDC AVIONICS BUS USING 1EA 5 AMP KLIXON 7277-2-5 BREAKER LABELED 'GPS1' and 1 EA 10 AMP KLIXON 7277-2-5 BREAKER LABELED 'COM1' MOUNTED ON THE AVIONICS BREAKER PANEL THAT IS ACCESSIBLE TO THE PILOT IN FLIGHT. PROVIDED POWER TO THE FLIGHTSTREAM 210 VIA A 1 AMP KLIXON BREAKER LABELED 'BT LINK' ON THE AVIONICS BUS.
3. THE GNS530 SYSTEM WAS INSTALLED COUPLED TO THE ASPEN PFD WHEN SELECTING #1 POSITION. THE FLIGHTSTREAM 210 IS INTERFACED TO THE GARMIN GDL84 AND THE GNS530W.
4. THE GNS530W IS COUPLED TO THE EXISTING STEC 30 AUTOPILOT.
5. INSTALLED PRE-APPROVED FMS GARMIN P/N 190-00357-03 Rev. E, DATED NOV. 2014 INTO AIRCRAFT APPROVED FLIGHT MANUAL.
6. THE INSTALLATION IS IN COMPLIANCE WITH FAR 23.1301, 23.1309, 23.1431. PERFORMED ELECTRICAL LOAD ANALYSIS REFERENCE 23.1351.
7. ALL WORK DONE IN REFERENCE TO MANUFACTURERS INSTRUCTIONS MANUALS NUMBER GNS-530W P/N 190-03057-02 REV. K, AND IN ACCORDANCE WITH STC# SA01933LA-D, AML DATED 11/6/2006. AC 43-13.1B CHAP 7 SEC 1-7, SEC 9-10, CHAP 10 SEC 2 PAR 10-16, 10-19, 10-20, CHAP 11 SEC 5-17, CHAP 12 SEC 1-4. AC 43-13.2B CHAP 1 (ALL), CHAP 2 PAR 200, 201, 202, 203, 205-210, & CHAP 3 PAR 300 - 310. LOGBOOK ENTRIES COMPLETE, REVISED EQUIPMENT LIST AND WEIGHT AND BALANCE.

INSTALLED THE GNS-530W INSTRUCTIONS FOR CONTINUED AIRWORTHINESS DOCUMENT GARMIN P/N 190-00357-65 REV D DATED NOV. 2014 AND GARMIN GA-35 P/N 190-00673-01 REV F DATED AUG. 2007/INSTRUCTIONS FOR CONTINUED AIRWORTHINESS INTO THE AIRCAFT MAINTENANCE RECORDS.

The components listed were inspected IAW manufactures specifications and inspected IAW current maintenance rules of the FAA and is approved for returned to service.

Sarah Smith

Sarah Smith: approved signature for
Gulf Coast Avionics Corp. Lakeland, FL. 33811
FAA CRS #UB4R564M & INAC OMAC-E #547

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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.)

Gulf Coast Avionics
CORPORATION

Date 2/26/2015 CESSNA 172M S/N 17262831 Work Order # SO-24760 TACH: 176.77
Removed the following equipment: ARC P/N 1U262-005-20 D.G. Relocated horizon to right side of pilot panel.

Installed Aspen EFD 1000 system consisting of EFD 1000 p/n 910-00001-001 S/N 21244 on the pilot panel at F.S.#11.5, RSM p/n 910-00003-001 S/N 15593 on top aft fuselage at F.S.# 116.0, ACU p/n 910-00004-001 S/N 14809 behind the copilot panel at F.S.# 10.5 and configuration module p/n 920-00004-002 S/N 16771 at F.S.# 7.0.

Installed Aspen EFD1000 in the same place where the D.G. and Horizon were located in the PILOT PANEL. RETAINED EXISTING AIRSPEED, ALTIMETER & HORIZON AS STANDBY INSTRUMENTS. (WHICH MEETS THE VIEWING REQUIREMENTS OF 23.1311 & 23.1321).VOR/LOCALIZER, GLIDESLOPE AND GPS DEVIATION FROM THE GNS-530W(#1) AND VOR/LOC G/S FROM THE KX155 #2 ARE DISPLAYED AND ARE CONSIDERED PRIMARY MEANS OF NAVIGATION. The Aspen is interfaced to the Stec 30 Autopilot by pushing the roll mode on the autopilot and Nav or GPS is selected on the Aspen. The Aspen is powered via the 24VDC Main bus via a 7.5amp circuit breaker labeled "EFD1000" and a 2amp circuit breaker labeled "ACU."

Aspen EFD 1000 Systems installed in accordance with Aspen STC SA10822SC dated March 28, 2008 and in reference to Aspen Installation Manual document #900-00003-001 Rev. AX August 2014. Inserted Aspen FAA Approved Flight manual Supplement p/n 900-00008-001 Rev. V dated 9/1/14 into aircraft flight manual. Inserted Aspen EFD 1000 FAA Approved Instructions for Continued Airworthiness p/n 900-00012-001 Rev. T, 2012 into aircraft maintenance records.
Weight and Balance and equipment list revised.

Equipment installed in reference to AC 43.13-1B Chapter 10 and 11, AC 43.13-2B Chapters 1 and 2.Installation meets the requirements of 14CFR 23.1301, 23.1309, 23.1321, 23.1431 and 23.1351 Installation does not exceed the electrical load limit of 80% per AC 43.13-1B Chapter 11-35 and 11-36.

The components listed were inspected IAW manufactures specifications and inspected IAW current maintenance rules of the FAA and is approved for returned to service.

Sarah Smith

Sarah Smith approved signature for
Gulf Coast Avionics Corp. Lakeland, FL. 33811
FAA CRS #JB4R564M & INAC OMAC-E #547

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DATE 19____	RECO TACH TIME	
4-1-15		
1271.3	7Rg	
	R	

INSPECTION REPORT
McFarlane
McFarlane Aviation Products

Part # 05/3/20-8 Lot Size 1

Production Specification — Rev. —

	TOL.	ACTUAL MEASUREMENT OR RANGE	QTY. ACCP.	QTY. REJ.	Inspector Stamp
	—		1	0	MC42
	—	Normal	1	0	MC42
	—	—	1	0	MC42
	—	—	1	0	MC42
	—	—	1	0	MC42
	—	—	1	0	MC42
	—	2.0 PSI AND 5.5 PSI	1	0	MC42
	—	71.5 PSI 75.0 PSI	1	0	MC42

hardware were used. AD 99-27-02 previously complied with by logbook research as referenced in supplied statement dated 3/19/2015. This valve was found acceptable for return to service for work completed.

Matthew J. Sharpton Certificate # A&P 3738457

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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.)
4-1-15	Defueled aircraft, removed fuel selector valve			
1771.3	Valve overhauled by McFarlane Avn. Prod.			
	Reinstalled valve, refueled, leak ops ck ok			
				A+P 4262398616

McFarlane

Aviation Products

Date: 3/19/2015 Part Number: 051312Ø-8

Time in Service 3771.37 HRS

This fuel Selector valve was cleaned, inspected, repaired, and pressure leak tested. Replaced seals, and other components as listed on Job Order # 4Ø352 Fluorocarbon O-rings per McFarlane FAA-PMA, Cessna parts and industry standard hardware were used. AD 99-27-02 previously complied with by logbook research as referenced in supplied statement dated 3/19/2015. This valve was found acceptable for return to service for work completed.

Matthew J. Sharpton Certificate # A&P 3738457

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DATE	RECORDING	TODAYS	TOTAL

APRIL 21, 2014 **LOG BOOK ENTRY** N536JR HOBBS 1778.6 WORK ORDER # 5729

REWIRED THE HEADING INTERFACE BETWEEN THE EFD1000 AND S-TEC 30.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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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.)

MAY 1, 2015 **LOG BOOK ENTRY** N536JR ~~HOBBS~~ Tach 1782.2 WORK ORDER # 5738

REMOVED ACU P/N 910-00004-001 S/N 14809

INSTALLED ACU P/N 910-00004-001 S/N 15005

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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DATE 19____	RECORDING TACH TIME

N 536JR Tach 1817 Altitude 20,000

I certify that the altimeter, encoding and static system tests required by FAR 91.411 and FAR 91.413 have been successfully performed this date 6-25-2015

Technician [signature] WO 01158

McCain Aviation CRS4MVR101C Jackson, MS 769-232-4188

pairs and Alterations
d Certificate Number of
or other specific entries.)

JULY 30, 2015 LOG BOOK ENTRY N536JR TACH: 1830.5 WORK ORDER #: 5811

REPLACED NARCO AR850 WITH ACK-A30 MOD 5 S/N 136244.

REPLACED RT359 WITH KT76A P/N 066-1062-00 S/N 106279.

PERFORMED 14 CFR 91.413.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

[signature]
JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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.)

Date: 09/19/15 Time: 1845.9

Ops checked ELT I/A/W FAR 91.207d, batteries due 09/16. Inspected seat tracks and seats I/A/W AD11-10-09, due again 09/16. Serviced battery.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

[signature]

11-01-15 Tach 1852.0	Rudder removed due to ground handling damage, Installed repaired rudder from Williams Aviation. Rudder painted & balanced prior to installation. See docs attached. [signature] A&P 426239616

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Make ~~Gessna~~ Model ~~172~~ S.N. _____
P.N. ~~0531006-81~~ Title ~~Rudder assy.~~

This aircraft/component/subassembly identified above was repaired 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 Work Order No. 17499

Date: Oct. 22, 2015 Signed: Roy S. Williams

WILLIAMS AIRMOTIVE
A DIV. OF ACW INC.
9838 N 1100 E
Kendallville, Indiana 46755

WWFR 300K

Rudder repaired with the following parts replaced:

1. 0531006-68 Skin, forward
2. 0531006-69 Skin, center
3. 0531006-70 Skin, aft

END

The aircraft and/or component identified above was repaired and inspected in accordance with the Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under the above Work Order Number.

Date: Oct. 22, 2015

By Roy S. Williams
Authorized Signature for Repair Station WWFR 300K

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.)

AUGUST 22, 2016 **LOG BOOK ENTRY** N536JR TACH: 1987.9 WORK ORDER # 6078

REMOVED FAULTY FLIGHT STREAM 210, EXCHANGED WITH FLIGHT STREAM P/N 010-01194-41, S/N 3RE004739. TESTED FOR FUNCTIONALITY, RETURNED AIRCRAFT TO SERVICE.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

Joshua D Heath

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

Date: 10/01/16 Time: 2010.4

Replaced ELT batteries and tested and inspected per FAR 91.207d, batteries due 12/22. Replaced vacuum pump. Replaced vacuum inlet and regulator filters. Ops and leak check OK. Replaced aircraft battery. Replaced RH wingtip strobe flashtube and power supply, ops check OK. Replaced all brake pads. Installed 0705098-1 Fuel Contamination Placard and 0705097-1 Seat Locking Placard. Replaced 2 cowl shock mounts. Inspected seats and tracks per AD11-10-09, due again 10/17. Sealed windshield. Serviced tires.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Frank May, A & P 426239616 IA

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AERO SERVICES, INC. AIRCRAFT LOG

DATE: 04-14-17 REG. # N536JR SER. # 172-62831 W.O. 17115

TACH: 2043.7 HOBBS: N/A TSN: 2043.7 TSO: N/A

REMOVED EXISTING BRACKETT AIR FILTER AND INSTALLED CHALLENGER AIR FILTER P/N CP-1172 USING KIT CP-3274 IAW STC#SA01669CH-SEE 337 FILED THIS DATE. REMOVED EXISTING EXHAUST SYSTEM AND INSTALLED POWER FLOW EXHAUST SYSTEM P/N PFS-13204 S/N 1263 IAW STC# SA01801AT -SEE 337 THIS DATE. INSTALLED EXHAUST FAIRING S/N W1116789 IAW STC# SA01386NY - SEE 337 THIS DATE. NEW WEIGHT AND BALANCE INFORMATION

EMPTY WEIGHT 1574.96
E.W.C.G. 39.51
NEW MOMENT 62230.91
USE FULL LOAD 1035.94

ROBERT F. McDOWELL III Robert F McDowell III 3463522IA

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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.)

JANUARY 4, 2016 **LOG BOOK ENTRY** N536JR TACH: 1902.1 WORK ORDER # 5921

PERFORMED SOFTWARE UPDATE TO GDL84 S/N 41W00304 TO VERSION 3.32 PER ATTACHED GARMIN SERVICE BULLETIN NO. 1565 REV A.

CONNECTED SUPPRESSION BETWEEN GDL84 AND OTHER L-BAND DEVICES.

CALIBRATED COMM SQUELCH ON GNS530W P/N 011-01064-00 S/N 23802200 ACCORDING TO PROCEDURES FOUND ON GARMIN 500W SERIES MAINTENANCE MANUAL P/N 190-00357-05. (SEE FAA FORM 8130-3 ATTACHED)

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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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.)

AUGUST 14, 2017 **LOG BOOK ENTRY** N536JR TT: 2113.1 HOBBS 2140.7 WORK ORDER # 6340

INSTALLED:
ASPEN PFD SYNTHETIC VISION P/N 913-00006-001; EFD PFD AND EBD ANGLE OF ATTACK UNLOCK P/N 913-00016-001; ASPEN - GARMIN ADS-B UNLOCK P/N 913-00017-001;
INSTALLED SOFTWARE UPDATES TO ASPEN PFD S/N 21244 UPGRADED TO MAP VERSION 2.9AND IOP VERSION 2.1 PER ASPEN SERVICE BULLEIN SB2016-05.

WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

JUNE 29, 2017 **LOG BOOK ENTRY** N536JR TT: 2078.1 WORK ORDER # 6303

REMOVED FAULTY PITCH SERVO P/N 0107-1-P4 S/N 12345D FOR REPAIRS, SENT TO S-TEC GENESYS UNDER SRO R87103. REINSTALLED, TESTED FOR FUNCTIONALITY, AND RETURNED AIRCRAFT TO SERVICE.
INSTALLED:
WEIGHT AND BALANCE CHANGE NEGLIGIBLE

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

1991 ASA

DATE

19____

Date: 10/01/17 Time: 2215.2

Inspected and ops checked ELT per FAR 91.207d, batteries due 12/22. replaced landing and taxi light bulbs. Replaced 2 cowl shock mounts. Replaced both main fuel tank fuel cap gaskets. Installed 0890018.2 Pitot Heater Warning Placard. Inspected seats and seat tracks per AD11-10-09, due again 10/18.Serviced tires. AD17-04-06 is NA.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.
Frank May, A & P 426239616 IA

Date: 11/01/18 Time: 2281.3

Installed new Concorde RG-25XG battery. Ops checked and inspected ELT per FAR 91.207d, batteries due 12/22. Removed NLG wheel fairing for painting, weight change negligible. Inspected seat tracks and seats per AD11-10-09, due again 11/19. Ops checked mag switch per AD76-07-12, due again 2381.3. Serviced tires.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in airworthy condition at this time.
Frank May, A & P 426239616 IA

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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.)

NOVEMBER 20, 2018 LOG BOOK ENTRY N536JR TACH: 2309.2 WORK ORDER # 6758

PERFORMED 14 CFR 91.411/91.413 PITOT/STATIC/TRANSPONDER CERT.

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WEIGHT AND BALANCE CHANGE NEGLIGIBLE

Joshua D Heath

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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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.)

DECEMBER 19, 2019 LOG BOOK ENTRY N5436JR TT: 2362.2 WORK ORDER #6948

REMOVED: VERTICAL GYRO; ALTIMETER; VSI; AIRSPEED IND.; EXHAUST TEMP.; TACHOMETER; S-TEC 30; SUCTION GUAGE; DRY AIR PUMP; ROLL SERVO; PITCH SERVO; AP PIEZO; TRANSDUCER; PITCH COMPUTER; GI 106A; KN 64 DME

INSTALLED: STRATUS POWER USB P/N 153510-000040 S/N 065974; GAD 29B P/N 011-03236-11 S/N 5DL008683; GFC 500 AUTOPILOT GMC 507 P/N 011-054548-01 S/N 5H1002563; GDU 460 P/N 011-02920-05 S/N 350005787; GTP 59 P/N 011-00978-00 S/N 47947589; GEA 24 P/N 011-02848-01 S/N 2J2005404; FUEL FLOW TRANSDUCER P/N FT-60 S/N 219036; OIL PRESSURE SENSOR 150 P/N 011-04202-30 S/N 4TK003509; GSU 25D P/N 011-02929-51 S/N 5Q3000772; GMU 11 P/N 011-03439-01 S/N 56J016273; GSA 28 TRIM P/N 011-02927-11 S/N 5G9003758; GSA 28 ROLL P/N 011-02927-11 S/N 5G9005214; GSA 28 PITCH P/N 011-02927-11 S/N 5G9005250; GDL 52R P/N 011-03910-35 S/N 4RF300900; GA 55 P/N 011-01033-00 S/N 87502620; GAD 27 P/N 011-03876-01 S/N 4A8001240; G5 P/N 011-03809-00 S/N 4JQ034101;

PERFORMED 14 CFR 91.411 – 91.413 PITOT STATIC/TRANSPONDER CERT

NEW EMPTY WEIGHT:	1,563.85
NEW EMPTY WEIGHT CG:	39.40
NEW USEFUL LOAD:	986.16
NEW MOMENT:	61,615.82

JOSHUA D. HEATH
HEATH AVIATION
FAA CRS# HVDR337X

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DATE 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Work (Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/24/19		I have inspected this aircraft		
1.0		It appears safe for flight from 5A6		
		TO RKS Ialw the attached Special		
		Flight Permit.		

Time: 2.0 TT: 2364.2

Date: 01/17/20

Inspected ELT per FAR 91.207d, batteries due 12/22. Inspected seats and tracks per AD11-10-09, due again 01/21 or 102.0. Ops checked mag switch per AD76-07-12, due again 102.0. Replaced LH and RH MLG tires and tubes. Replaced NW inner tube bearings and races. Serviced nose strut. Replaced forward and aft dorsal fin fairings. Removed all wheel fairings. W&B/EL revised.

I certify that this aircraft has been inspected i/a/w an Annual Inspection and has been determined to be in airworthy condition at this time.

Frank May, A&P426239616 IA

01/25/20		Fly to Mod Micro Aerodynamics, Inc
3.0		Vertex Cage-to-Tor Air 1.1 w STC
		SA00515SE. Sec 23 Mod Tach-C
		A&P4262396 16 IA

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19____	TACH TIME	FLIGHT	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.)
11/02/20				Removed factory NLG fork & McCauley 5.00X5 tire & wheel assembly & installed Airglas, Inc, PA32-206LA fork & Cleveland 40-76A wheel & 6.00-6-6PR tire & tube. Replaced lower seals in STRUT & serviced. STC SA2069AK. W&B revised. NOTE: If larger tire is installed use actual tire & tube weight. A&P 4276239616 EA

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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.)
				NOVEMBER 02, 2020 LOGBOOK ENTRY N536JR HOBBS: 2473.6 WORK ORDER #7353 EXCHANGED ASPEN EFD1000 PRO P/N 903-00011-001 S/N 21244 WITH ASPEN EFD1000 PRO MAX P/N 910-00001-011 S/N 9712204 INSTALLED SOFTWARE UPDATES TO THE FOLLOWING UNITS: GARMIN GDL 52 R TO SOFTWARE VERSION 2.12 & GARMIN G3X TOUCH TO SOFTWARE VERSION 8.64 AS PER GARMIN STC SERVICE BULLETIN PERFORMED 14 CFR 91.227 FOR ADSB PERFORMANCE COMPLIANCE \PERFORMED 14 CFR 91.411 – 91.413 PITOT STATIC/TRANSPONDER CERTIFICATION WEIGHT AND BALANCE NEGLIGIBLE Michael Jacks MICHAEL JACKS HEATH AVIATION FAA CRS# HVDR337X

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AERO SERVICES, INC. — **AIRCRAFT LOG**

DATE: 02-25-21 REG. # N536JR SER. # 17262831 W.O. 21019

TA... HOBBS: 2406.2 TSN: 2468.0 TSO: N/A

OF... BRICATED PULLEYS BELLCRANKS. REMOVED AND
IN... AND INSTALLED NEW ALTERNATOR BELT P/N 37A19733-
37... E CABLE P/N MC600-72. REMOVED AND INSTALLED
NEW... INSTALLED NEW INTAKE HOSES (4) P/N 69603. REMOVED
AND... 5-0102. REMOVED AND INSTALLED NEW PUSH ROD
TUBE... APS (2) P/N LW-12892. REMOVED AND INSTALLED NEW
#3 O... TRANSMITTER KIT P/N FQT-KT-2. INSTALLED
GA... EW TAXI LIGHT P/N P36P1T AND LANDING LIGHT P/N
P36P1T... BED AND SERVICED BRAKES WITH MIL-H-5606. REMOVED OLD
N KIT-0101. INSPECTED ELT PER 91.207, REPLACED INOP
ELT TRANSMITTER WITH NEW UNIT P/N ACK E-406 S/N 33631, OPS CHECK GOOD. ELT MAIN BATTERY RETIREMENT IS 10/15/2025. ELT REMOTE BATTERY RETIREMENT 10/2031. COMPLIED WITH THE FOLLOWING AIRWORTHINESS DIRECTIVES:

1. AD 2011-10-09 (06/17/11) SEAT TRACKS BY INSPECTION PER PARA (g) DUE AGAIN 02/2021 OR 2568.0 TT.

CLOSED AIRCRAFT. I CERTIFY THAT THIS AIRCRFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

ROBERT F. McDOWELL III Robert F McDowell III 3463522IA

2DC8A 406BC FFBFF
ACK Technologies Inc
Model E-04 ELT

AERO SERVICES, INC. — **AIRCRAFT LOG**

DATE: 03-24-21 REG. # N536JR SER. # 17262831 W.O. 21045

TACH: HOBBS: 2512.1 TSN: TSO: N/A

REMOVED L/H MAIN WHEEL, REMOVED AND INSTALLED NEW TIRE P/N 706C66-3 AND 7.00/8.00-6 TUBE, AND REINSTALLED WHEEL – REPACKED WHEEL BEARINGS. REMOVED R/H MAIN WHEEL, REMOVED AND INSTALLED NEW TIRE P/N 706C66-3 AND 7.00/8.00-6 TUBE, AND REINSTALLED WHEEL – REPACKED WHEEL BEARINGS.

ROBERT F. McDOWELL III Robert F McDowell III 3463522IA

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DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Descr Entries Technic

I certify that the periodic transponder tests as required by §91.413(a) were performed in the following transponder:
Transponder Model GTX 327 Serial No. 83718962

Description of Work completed and limitations:
This transponder was tested and found to be in compliance with the specific criteria contained in Appendix F to Part 43.

X It was functionally tested as installed on aircraft registration # N536JR and is returned to service.

Or

☐ It is NOT APPROVED for return to service on a particular airframe UNTIL a suitable functional check is performed by persons authorized per §91.413(c).

Signature C C Browne Date 11/11/21

Aircraftsmen, LLC FAA Repair Station #AC1R891D
WO# AC1R-21-007

Registration: N536JR Date: 11/10/2021

Hobbs/Tach: 2571.4

Work Performed:

REMOVED King KT-76A transponder with tray and INSTALLED serviceable Garmin GTX-327 transponder S/N 83718962 with tray/backplate. Reconnected static air line previously disconnected by persons unknown. Static system leak check and transponder power on ground check satisfactorily. W/B change negligible.

Authorized Signature: C C Browne

WO# 1032

Chris Browne
Aircraftsmen, LLC
AP 2852477

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