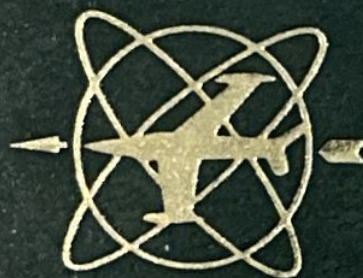


Closed



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Liberty Aerospace Model XL-2
Serial 0068 Registration Number N583XL

Date of Manufacture 2007

Engine(s) currently installed:

Manufacturer Continental Model 10F-240-B Serial 400143

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH Model WG9 EK7 G3G

HUB Model _____ Serial _____ Serial AF8964

Blade Model _____ Serial _____ Serial _____ Serial _____

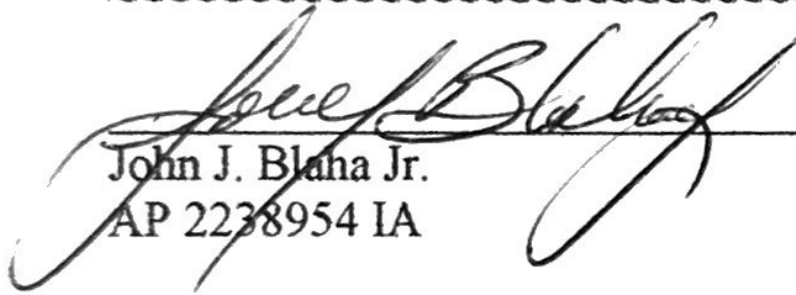
Blade Model _____ Serial _____ Serial _____ Serial _____

[illegible]

[illegible]

[illegible]

[illegible]

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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.)
				A & M Maintenance Services, Inc. – 1C5 Clow International Airport, Bolingbrook, IL
				TYPE: Liberty XL-2 "N" #: N 583XL DATE: 08/08/2007
				TACH TIME: 35.4 Hrs. AIRFRAME TT: 35.4 Hrs.
				At this time, the EDI-200, PN 657230, SN 0639020, was removed and a new EDI-200-Rev. A, PN 657230 Rev. A, SN 0718041, was installed in accordance with Liberty Aerospace, Inc. Service Document SIL-07-008 dated 06/15/2007.
				END
				 John J. Blaha Jr. AP 2238954 IA

YEAR:

DATE

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

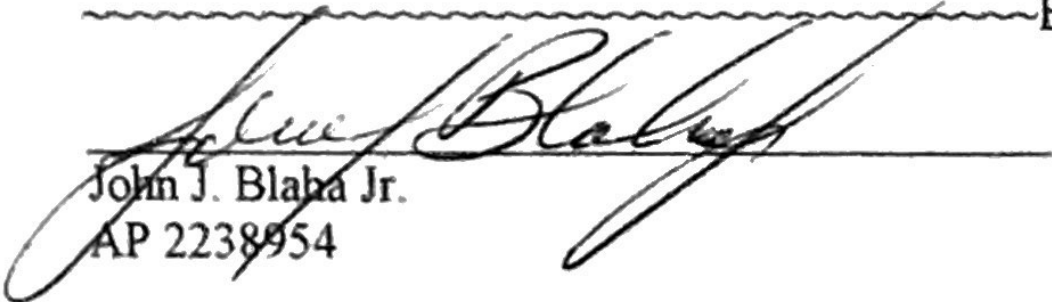
repair


TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 08/08/2007

TACH TIME: 72.6 Hrs.
AIRFRAME TT: 72.6 Hrs.

At this time, the Sensenich propeller, P/N W69EK63G, S/N AG 8464, was removed from Liberty XL-2, S/N 0068, along with propeller extension, spinner bulkheads and spinner.

END


John J. Blaha Jr.
AP 2238954

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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 align="center">A & M Maintenance Services, Inc. – 1C5 Clow International Airport, Bolingbrook, IL.</p> <p>TYPE: Liberty XL-2 "N" #: N 583XL DATE: 07/03/2007</p> <p align="right">TACH TIME: 72.6 Hrs. AIRFRAME TT: 72.6 Hrs.</p> <p>At this time the Sensenich Propeller was removed and a new MT Propeller, P/N MT175R127-2CA, S/N 07116, extension P/N A-1195-2, and spinner assembly P/N P-1026, was installed in accordance with Liberty SIL-07-002.</p> <p align="center">-----END-----</p> <p> Adam J. Cote AP 3035886</p>

RECORDING	TODAY'S	TOTAL
-----------	---------	-------

Repair

TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 07/03/2007

TACH TIME: 72.6 Hrs.
AIRFRAME TT: 72.6 Hrs.

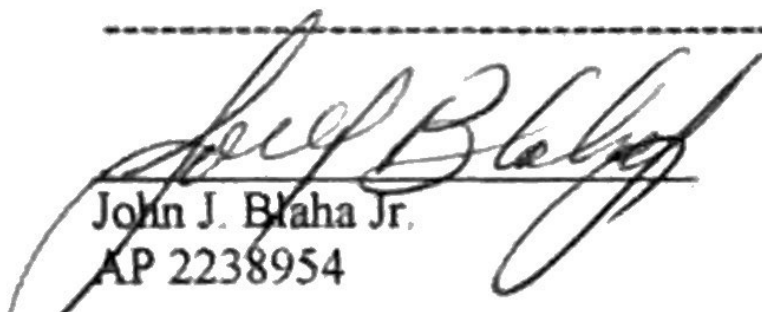
At this time the LH and RH floor mats were replaced with new. The zero degree flap indicator micro-switch, P/N GPSCRH12, was replaced and adjusted as needed. Liberty SIL-07-011, on nose gear wheel bearing jam nut, was complied with by inspection and replacement of the wheel assembly, P/N 40-77. The new nose wheel was installed in accordance with SIL-07-011. Liberty CSB-07-001 Rev. B, on rear spar aileron closeout and mass balance enclosure flange, was complied with, by installation of reinforcement cleats, spar reinforcement doubler, and left-hand enclosure flange P/N 135A-20-818, in accordance with RKI-CSB-07-001 Rev. B. No further action required.

-END

Nelson E. Cadwalader

Nelson E. Cadwallader

AP 327504630

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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 align="center">A & M Maintenance Services, Inc. – 1C5 Clow International Airport, Bolingbrook, IL.</p> <p>TYPE: Liberty XL-2 "N" #: N 583XL DATE: 11/17/2007</p> <p align="right">TACH TIME: 99.3 Hrs. AIRFRAME TT: 99.3 Hrs.</p> <p>Liberty Aerospace, Inc. Critical Service Bulletin, CSB-07-002, on Flap Rib 2 inspection was complied with at this time -- No cracked noted at this time. The next compliance is due at a total time of 115 hours, at which time a mandatory repair is required by installing reinforcements.</p> <p align="center">-----END-----</p> <p> John J. Blaha Jr. AP 2238954</p>

YEAR:

DATE

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL.

or Repair

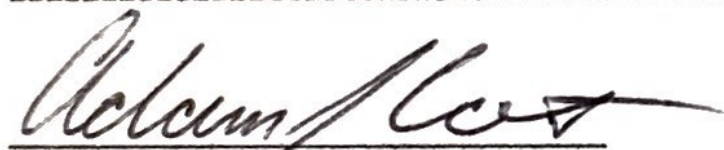
TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 12/26/2007

TACH TIME: 113.0 Hrs.
AIRFRAME TT: 113.0 Hrs.

Liberty Aerospace, Inc. Critical Service Bulletin, CSB-07-002 Rev 2, on Flap Rib 2 and Wing Rib 1 inspection was complied with -- No cracks noted at this time. The next compliance is due in 25Hrs at a total time of 138.0Hrs, **not exceeding 340Hrs total time**, at which time a mandatory reinforcement repair is required.

Liberty Aerospace, Inc. Critical Service Bulletin, CSB-07-003 Rev 2, on Aileron skeleton inspection and installation clearances were complied with -- No cracks noted at this time. The next compliance is due in 25Hrs at a total time of 138.0Hrs, **not exceeding 174Hrs total time**, at which time a mandatory reinforcement repair is required.

-----END-----



Adam J. Cote
AP 3035886

YEAR:

DATE

01-15-08 N583XL
Hobbs: 161.9

BYERLY AVIONICS, INC.
6100 E. M. DIRKSEN PKWY.
PEORIA, IL 61607
309-697-6305 FAX 309-697-9663



Removed Comant CI-105 Transponder antenna, install factory new CI-105 in same location. Tested Transponder system IAW FAR 91.413 and found to comply with FAR 43 appendix F. No weight change. More information on file under WO# 23497. -END-

I certify that this work has been inspected and determined to be in airworthy condition and approved for return to service with respect to the work performed. END.

Repair Station # BOER548C

Signature:

A handwritten signature in black ink, appearing to be 'D. White', written over a horizontal line.

YEAR:

RE
TA
TII

DATE

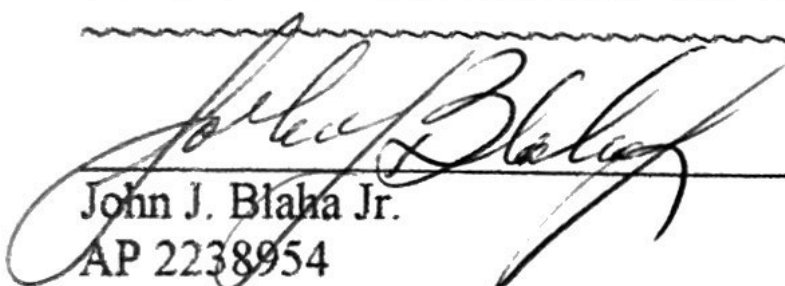
A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 02/01/2008

TACH TIME: 117.2 Hrs.
ENGINE TT: 117.2Hrs.

At this time, a FAA-PMA approved Tanis TAS100-29 preheater system, S/N 41477, was installed in accordance with Tanis Aircraft Services instructions and drawings. Four Tanis TAS76 cylinder elements were also installed. The change in aircraft weight was negligible.

END


John J. Blaha Jr.
AP 2238954

YEAR:

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

Repair

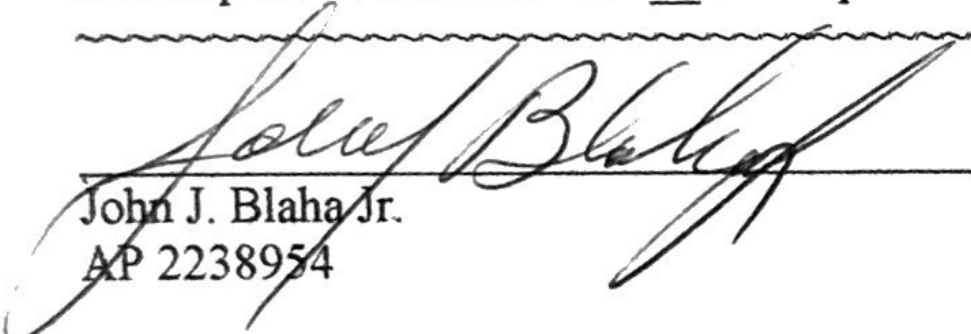
DATE

TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 03/20/2008

TACH TIME: 132.8 Hrs.
ENGINE TT: 132.8Hrs.

At this time, the RH and LH ailerons and flaps were removed from the aircraft.
RH Aileron S/N MWAPFA04789 _ LH Aileron S/N MWAPAA04789
RH Flap S/N WASAA04876 _ LH Flap S/N WASFA04876

END


John J. Blaha Jr.
AP 2238954

YEAR:

P/N 135A-20-116 S/N 068

DATE

TTIS 132.6 DATE 3/31/08

Complied with Liberty Aerospace Critical Service Bulletin CSB-07-002 by completing installation of flap reinforcement kit as directed by Liberty Aerospace Rework Kit Instructions, less re-install of control surface to aircraft per Liberty XL-2 MM27-50. All work accomplished I/AW latest revision of CSB RKT-07-002.

Signed

A&P

8564630P/N 135A-20-134 S/N 068TTIS 132.6 DATE 3/31/08

Complied with Liberty Aerospace Critical Service Bulletin CSB-07-003 by completing installation of aileron reinforcement kit as directed by Liberty Aerospace Rework Kit Instructions, less re-install of control surface to aircraft per Liberty XL-2 MM27-50. All work accomplished I/AW latest revision of CSB RKT-07-003.

Signed

A&P

8564630**is, Repairs and Alterations**

ating and Certificate Number of Technician or Repair
fic entries.)

YEAR: DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Descrip Entries m Facility. (S
				P/N <u>135A-20-133J</u> A/C <u>068</u> S/N <u>068</u> TTIS <u>132.6</u> DATE <u>01 APR 08</u> Complied with Liberty Aerospace Critical Service Bulletin CSB-07-003 by completing installation of aileron reinforcement kit as directed by Liberty Aerospace Rework Kit Instructions, less re-install of control surface to aircraft per Liberty XL-2 MM27-50. All work accomplished I/AW latest revision of CSB RKI-07-003. Signed <u>[Signature]</u> A&P <u>140809850</u>
				P/N <u>135A-20-113</u> A/C <u>069</u> S/N <u>069</u> TTIS <u>132.6</u> DATE <u>01 APR 08</u> Complied with Liberty Aerospace Critical Service Bulletin CSB-07-002 by completing installation of flap reinforcement kit as directed by Liberty Aerospace Rework Kit Instructions, less re-install of control surface to aircraft per Liberty XL-2 MM27-50. All work accomplished I/AW latest revision of CSB RKI-07-002. Signed <u>[Signature]</u> A&P <u>140809850</u>

YEAR

A & M Maintenance Services, Inc. - 1C5
Clow International Airport, Bolingbrook, IL

for Repair

DATE

TYPE: Liberty XL-2

TACH TIME: 133.2 Hrs.

"N" #: N 583XL

ENGINE TT: 133.2 Hrs.

DATE: 04/04/2008

At this time, the RH and LH ailerons and flaps were installed onto the aircraft after critical service bulletin compliance, CSB-07-002, by Liberty Aerospace, dated 03/31/2008 and 04/01/2008. Ops check ok.

RH Aileron S/N MWAPFA04789 LH Aileron S/N MWAPAA04789

RH Flap S/N WASAA04876 LH Flap S/N WASFA04876

END


John J. Blaha Jr.

CAP 2238954

YEAR:

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

Repair

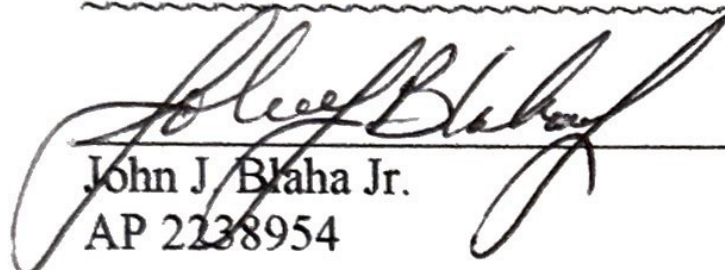
DATE

TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 05/23/2008

TACH TIME: 156.0 Hrs.
AIRFRAME TT: 156.0 Hrs.

At this time, the EDI-200, PN 657230, SN 0718041, was removed and a new EDI-200-Rev. A, PN 657230 Rev. A, SN 0707187, was installed in accordance with **Liberty Aerospace, Inc. Service Document SIL-07-008** dated 06/15/2007.

END


John J. Blaha Jr.
AP 2238954

YEAR:

DATE

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

or Repair

TYPE: Liberty XL-2

TACH TIME: 174.6 Hrs.

"N" #: N 583XL

AIRFRAME TT: 174.6 Hrs.

DATE: 07/15/2008

At this time, the **AIRCRAFT** was opened and cleaned for inspection. All components were inspected and lubed in accordance with an **ANNUAL INSPECTION** per Liberty Service Manual. The wheel bearings were, cleaned, inspected, and greased. The nose wheel fork was removed, cleaned, greased bearings, reinstalled, and the tension was adjusted as required. Both main tires were replaced using Condor 5.00-5/6/120, 2ea P/N 072-312-0. The brake linings were replaced, 4ea P/N APS66-10600. The brake reservoir was serviced with MIL-H-5606 hydraulic fluid. The fuel strainer was cleaned, inspected, and installed using a new o-ring. A washer was added to the RH cabin door, forward upper ball of the shock assembly, all play removed. The LH and RH stabilator halves were removed, inspected, cleaned, lubed, and reinstalled, no defects noted. The RH and LH wings were removed, cleaned, inspected, and reinstalled, no defects noted. The RH wing tip and aileron tip were repaired as needed. The aircraft battery was charged. **The FADEC backup battery was replaced, P/N PS-12120F2, next replacement due 07-2009.** The ELT, AK-450 S/N 482913, was tested in accordance with FAR 91.207(d)(1-4), no defects noted. **ELT batteries were replaced, 6ea MN1300, next replacement due 07-2009.**

Liberty SIL-07-002, on footstep placard installation, was complied with by installation of placard on the RH and LH fuselage in accordance with SIL-07-002.

Liberty CSB-08-001, on fuel tank vibration, was complied with by installation of provided dampener kit in accordance with CSB-08-001. All AD's were checked thru bi-weekly 2008-13.

-----END-----

EAR:

DATE

J.A. AIR CENTER
 Aurora Airport • Sugar Grove, IL 60554
 FAA Repair Station #NF2R029L
AIRFRAME LOG ENTRY

Type Liberty XL-2 repair
 S/N 0068
 N# 583XL

Description of work done:

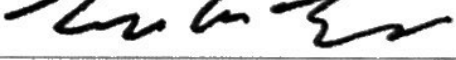
Complied with Garmin Software Service Bulletin
 NO: 0845 dated 14NOV2008. Main Software update
 to 6.04. GNS530 P/N 011-00550-10, S/N 78417672

OBS Calibration on VOR for SNG530 and GI106A.

Final Test OK.

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the
 Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 0900125K Date 6-26-09 Tach/Hobbs _____ Signature 
 Inspector (print) Luke W. Gommel

AR:

TE

J.A. AIR CENTER

Aurora Airport • Sugar Grove, IL 60554

X L 2
Type 0068

Repair

Description of

ALTIMETER TESTED IN ACCORDANCE WITH

**J.A. Air Center
FAA Repair Station NF2RO29L****ALTIMETER CALIBRATION**

Pilo

Copile

MFG United MODEL 5934 PD-3 S/N 461798**SCALE ERROR****FRICTION****HYSTERESS**

Date

ALT

ERROR

ALT

OFF

1000

0

1000

10

0

0

2000

45

50%

The aircraft
Federal #

2179

WO

Date

Tach/Hobbs

Signature

Doug Mall

Inspector (print)

J.A. AIR CENTER

Aurora Airport • Sugar Grove, IL 60554

FAA Repair Station #NF2R029L

AIRFRAME LOG ENTRY

X L 2
Type 0068
S/N _____
N# 583XL

Description of work done:

Tested Altimeter(s), Altitude Reporting and Static System(s)
in accordance with Part 43, Appendix E for compliance with
FAR 91.411 and FAR 91.413.

Pilot Altimeter P/N 5934PD-3 S/N 461798 Range 20k

Copilot Altimeter P/N _____ S/N _____ Range _____

Transponder tested in accordance with Part 43, Appendix F
for compliance with FAR 91.413 this date.

Date 26 Jun 09 Make GARMIN Model GTX327 S/N 83727603

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the
Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 217914 Date 26 Jun 09 Tach/Hobbs _____ Signature Doug Mali
Inspector (print) Doug Mali

YEAR:

DATE

A & M Maintenance Services, Inc. - 1C5
Clow International Airport, Bolingbrook, IL

TYPE: Liberty XL-2

"N" #: N 583XL

DATE: 08/03/2009

TACH TIME: 271.1 Hrs.

AIRFRAME TT: 271.1 Hrs.

At this time, the **AIRCRAFT** was opened and cleaned for inspection. All components were inspected and lubed in accordance with an **ANNUAL INSPECTION** per Liberty Service Manual. The wheel bearings were, cleaned, inspected, and greased. The nose wheel fork was removed, cleaned, greased bearings, reinstalled, and the tension was adjusted per SB-08-001. The RH main tire was replaced using a Condor 5.00-5/6/120, P/N 072-312-0. The brake linings were replaced, 4ea P/N APS66-10600. The fuel strainer was cleaned, inspected, and installed using a new o-ring. The LH and RH stabilator halves were removed, inspected, cleaned, lubed, and reinstalled. The trim plate bolts for the LH stabilator were tightened. The RH and LH wings were removed, cleaned, inspected, and reinstalled, no defects noted. The control surface deflections were checked-no modifications needed. The exhaust gaskets were replaced, P/N SA630365 (7 ea.). The induction filter was cleaned and oiled. The alternator belt tension was raised to specification. The FADEC backup battery was replaced, P/N PS-12120F2, next replacement due 08-2010. The #2 EGT probe was replaced using TCM kit P/N 656827. The ELT, AK-450, S/N 482913, was tested in accordance with FAR 91.207(d)(1-4), no defects noted. ELT batteries were replaced, 6ea MN1300, next replacement due 08-2010.

AD 2009-08-05, effective 4/20/2009, on cracks in the exhaust muffler, was complied with by inspection of the muffler. Next compliance is due in 50 Hours, at a tach time of 321.1 Hrs.

-----Continued-----

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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
				A & M Maintenance Services, Inc. – 1C5 Clow International Airport, Bolingbrook, IL
				TYPE: Liberty XL-2 TACH TIME: 271.1 Hrs.
				"N" #: N 583XL AIRFRAME TT: 271.1 Hrs.
				DATE: 08/03/2009
				Liberty SID-08-001, on engine software upgrade, was complied with by installation of a new EDI card and new EDI software.
				Liberty CSB09-002, on the elevator and rudder pushrod restraints, was complied with by installation of new pushrod restraints, P/N 135A-10-309 Rev F, and P/N 135A-10-310 Rev B, and verification of proper pushrod clearance. No further action required.
				Liberty SB-08-001 was complied with by raising the value of the friction on the nose fork.
				Liberty SIL-07-011 was complied with by modification of the nose bearing jam nut torque.
				All AD's were checked thru bi-weekly 2009-15.
				-----END-----

YEAR:

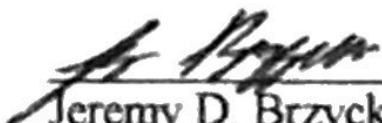
DATE

A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

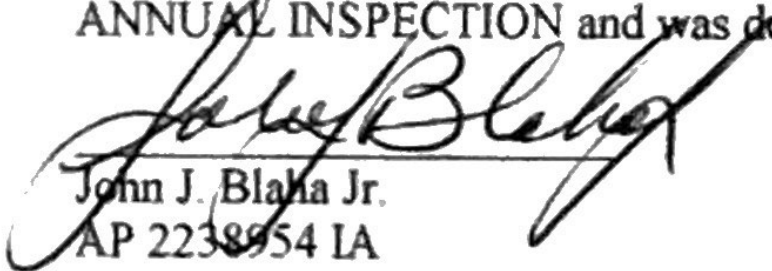
TYPE: Liberty XL-2
"N" #: N 583XL
DATE: 08/03/2009

TACH TIME: 271.1 Hrs.
AIRFRAME TT: 271.1 Hrs.

I certify this **AIRCRAFT** has been inspected in accordance with a
100-HOUR INSPECTION and was determined to be in airworthy condition.


Jeremy D. Brzycki
AP 2773579

I certify this **AIRCRAFT** has been inspected in accordance with an
ANNUAL INSPECTION and was determined to be in airworthy condition.


John J. Blaha Jr.
AP 2238954 LA

or Repair

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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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A & M Maintenance Services, Inc. – 1C5
Clow International Airport, Bolingbrook, IL

TYPE: Liberty XL-2
 "N" #: N 583XL
 DATE: 03/10/2010

TACH TIME: 304.4 Hrs.
 AIRFRAME TT: 304.4 Hrs.

At this time, the exhaust system was removed, P/N DEL 200201-003, and replaced with new, P/N DEL 200201-002. The exhaust system was installed using new gaskets.
 Liberty Aerospace SB-09-003, on rear tapered door pins and AFM revisions, Dated 12-15-09, was complied with by installation of new style door pins and revisions entered in the AFM in accordance with this bulletin. No further action required.

-----END-----


 Adam J. Cote
 AP 3035886

[illegible]

YEAR: _____ DATE	RECORDING TACH TIME	TODAY'S 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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3 Tom Lambrecht Drive
Romeoville IL 60446
Ph: (866)606-5327
Fax: (888)475-7538



WindWalker
AVIATION SERVICES

AIRFRAME
REG. #: N583XL
Liberty SN 0068
TACH: 315

Accomplished The Following:

- Removed and Replaced the bottom rudder cap (customer supplied) with a new unit per Liberty MM Chapter 51-20 and AC43.13-1B. PN OFF 135A-30-409 SN UNK / PN ON 135A-30-409 SN A06044

I certify that this aircraft, engine, propeller or component has been maintained as required by the Federal Aviation Regulations and per the applicable maintenance manual, and has been determined to be in airworthy condition and approved for return to service with respect to the work performed. Pertinent details are on file at this repair station with the named work order.

Signed: _____

05/07/2010

WO#: 1646

WindWalker Aviation Services, LLC, 3 Tom Lambrecht Drive, Romeoville, IL 60446, FAA Certificated Repair Station No. W4LR644Y

Romeoville IL 60446
Ph: (866)606-5327
Fax: (888)475-7538



WindWalker
AVIATION SERVICES

AIRFRAME
REG. #: N583XL
Liberty XL-2 S/N: 0068
TACH: 348.3

Accomplished The Following:

- Complied with an Annual Inspection per AC43 Appx D using the Liberty XL-2 Service Manual as a guide.
- Removed nose fork, cleaned, greased, re-installed and tension adjusted per SB08-11.
- Installed new FADEC backup battery IAW Liberty XL-2 maintenance manual, chapter 24-31.
- Installed a new ELT remote switch battery IAW Liberty XL-2 maintenance manual, chapter 25-64.
- Installed new brake linings on LH and RH brakes IAW Liberty XL-2 maintenance manual, chapter 32-40.
- Installed new fuel bowl o-ring IAW Liberty XL-2 maintenance manual, chapter 28-40. Leak check good.
- ELT was tested per 91.207(d)(1-4) and no defects noted.
- ELT batteries were replaced with 6 new MN1300. **Next due @ 09/2011.**
- Complied with **SIL-07-002** - Prop spinner bulkhead inspection and prop bolt torque check. No discrepancies noted. **Next due in 100 hours or next annual.**
- Complied with **AD2009-08-05** - Inspect for cracks in exhaust muffler. No defects noted at this time. **Next due @ TACH: 398.3.**

I CERTIFY THAT THIS AIRCRAFT / ENGINE / PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION, AS PER PART 43 APPENDIX D, AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. NO OUTSTANDING AD NOTES AT THIS TIME. DETAILS ARE ON FILE AT WINDWALKER AVIATION SERVICES LLC FOR THE WORK LISTED.

Signed: _____

09/03/2010

WO#: 1709

[illegible]

YEAR:

DATE

Description of work done:

J.A. AIR CENTER

Aurora Airport • Sugar Grove, IL 60554

FAA Repair Station #NF2R029L

AIRFRAME LOG ENTRY

Type XL2
S/N 0068
N# 583XL

Date 17 June 11 Model GTX327 SN 83727603
Transponder tested in accordance with Part 43 Appendix 'F'
for compliance with FAR 91.413 this date.

Joliet Avionics, Inc.
FAA Repair Station #NF2R029L

Signature

Inspector

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

090996M

WO

Date 17 June 11 Tach/Hobbs 380.2

Signature

Doug Mall

Inspector (print)

YEAR: D-M-Y	RECORDING TACH TIME	TODAY'S 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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Liberty XL-2	Emery Air, Inc.	6/29/2011
N583XL	Hawker Beechcraft Authorized Service Center	WO: AT-26937
S/N: 0068	46 Airport Dr.	HM: 381.0
	Rockford, IL. 61109	TACH 383.5

- ♦ Installed new transponder antenna, CI-105 s/n: 38692. Performed transponder tests per 14CFR 91.413, found to comply with Appendix F of part 43.

Work Order no. AT26937 Date 6/29/11

Signed Paul W. Butler Paul W. Butler
Approved for Return to Service With Respect to the Work Performed
EMERY AIR INC.

Greater Rockford Airport, Rockford, IL 61109
F.A.A. Approved Repair Station No. E81R759X/EASA.145.4811

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J.A. AIR CENTER

Aurora Airport • Sugar Grove, IL 60554

FAA Repair Station #NF2R029L

AIRFRAME LOG ENTRY

Type XL-2
S/N 0068
N# 583XL

Description of work done:

Tested Altimeter(s), Altitude Reporting and Static System(s)
in accordance with Part 43, Appendix E for compliance with
FAR 91.411 and FAR 91.413.

Pilot Altimeter P/N 5934PD-3 S/N 461798 Range 20k

Copilot Altimeter P/N _____ S/N _____ Range _____

Transponder tested in accordance with Part 43, Appendix F
for compliance with FAR 91.413 this date.

Date 12 Oct 11 Make Garmin Model GTx327 S/N 83727603

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the
Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 0901146M Date 12 Oct 11 Tach/Hobbs _____ Signature 
Inspector (print) Doug Mall

[illegible]

J.A. AIR CENTER
Aurora Airport • Sugar Grove, IL 60554
FAA Repair Station #NF2R029L
AIRFRAME LOG ENTRY

Type XL-2
S/N 0068
N# 583XL

Description of work done:

Tested Altimeter(s), Altitude Reporting and Static System(s)
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Copilot Altimeter P/N _____ S/N _____ Range _____

Transponder tested in accordance with Part 43, Appendix F
for compliance with FAR 91.413 this date.

Date 12 Oct 11 Make Garmin Model GTx327 S/N 83727603

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the
Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 0901146M Date 12 Oct 11 Tach/Hobbs _____ Signature 
Inspector (print) Doug Mall

YEAR:

DATE

MAKE: Liberty
MODEL XL-2
S/N 0068
REG NO N583XL
WORK ORDER
137-10-2011



J.A. Air Center

Repair Station No NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone 630.584.3200

DATE 14 October, 2011
A/C TSN 404 4
TACH 404 4

Repair

Airframe Entries

(1) Completed an annual inspection as per the Liberty service manual p/n 125-970-100 rev c section 5-20 scheduled maintenance check list pages 9 thru 50.... (5) Installed wheel fairings in accordance with Liberty SIL-07-012. Weight & balance data updated.... (6) Complied with AD 2009-08-05 R1 by correcting the propeller "clock angle" installation and inspecting the exhaust system. No exhaust system defects noted.... (7) repaired scratch on L/H wingtip as required and painted 3 coats Imron AF3502 and clear coated. touched up nick on aileron.... (8) installed 6 new batteries p/n MN1300. Replacement due by 10/2012... (11) Cleaned affected area of cabin heat scat tubing and applied high temp red RTV sealant.... (12) Repositioned baffle to clear upper left engine shock mount... (13) Installed new engine air inlet scat-9 tubing.... (16) Lubricated cabin heat control as needed for smooth operation.... (17) Dressed out scratches on both LH and RH stabilator attach plates and treated with Alodine solution.... (18) Removed surface oxidation and treated RH and LH elevator torque tubes with corrosion X and LPS3. . (19) Installed new RH main tire p/n 072-312-0 s/n0315S00038.... (20) Installed brake discs p/n 164-01700 2 and new linings p/n 066-10600 ... (21) installed battery p/n PS-12120 F2. replacement due within 12 months.... (22) Removed original battery p/n RG-25 s/n 40175331. Installed new battery p/n RG-25 s/n 40344425. replacement due by 10/2014.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No 137-10-2011, Dated 14 October, 2011.

DATE: 14 October, 2011

SIGNED:

Don Morgan
Certified Repair Station No NF2R029L

Work Order: 137-10-2011

Printed by EBis 3 (datcomedia.com)

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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.)
	REG NO. MAKE MODEL S/N	N583XL LIBERTY XL-2 0068	MIDWEST AVTECH INC. I.V. REGIONAL AIRPORT 4241 ED URBAN DR. PERU, IL 61354	DATE TACH T.T.
	C/W CSB-09-001 BY INSPECTING MUFFLER, NEXT DUE AT 446.4 HRS - C/W CSB-10-002 BY INSTALLING LANDING GEAR SEALS, BAGGAGE BAY CLOSE-OUT SEALS AND THROTTLE LEVER GUIDE SEALS, NO FURTHER ACTION REQUIRED			
	THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE			
	BRYAN G. HARTMAN		A&P 354729066 IA	

YEAR: DATE	RECORDING TACH TIME	TODAY'S 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.)

MAKE Liberty
MODEL XL-2
S/N 0068
REG NO N583XL
WORK ORDER 137-10-2011



J.A. Air Center

Repair Station No NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone 630 584 3200

DATE 14 October, 2011
AC TSN 404
TACH 404

Airframe Entries

8 Installed 6 new ELT batteries p/n MN1300. Replacement due by 10/2012. Inspected & tested ELT as per FAR 91.207d.

Maintenance Release

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L under Work Order No. 137-10-2011, Dated 14 October, 2011.

DATE 14 October, 2011

SIGNED:

Don Morgan
Don Morgan
Certified Repair Station No. NF2R029L

Work Order: 137-10-2011

Printed by EBis 3 (datcomedia.com)

DATE _____

**MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O.BOX 451
PERU, IL 61354**

DATE	10/23/12
FHM	469.5
T.T.	469.5

or Repair

THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs -
ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE

AARON R. DELHOTAL

A&P 3614153

[illegible]

YEAR: _____
DATE _____

RECC
TACH
TIME

REG. NO.	N583XL
MAKE	LIBERTY
MODEL	XL-2
S/N	0068

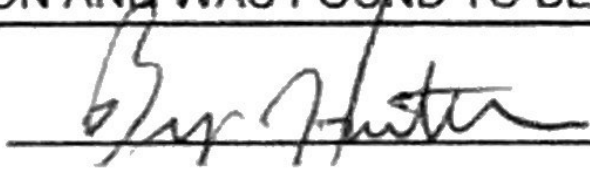
MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O.BOX 451
PERU, IL 61354

DATE	01/01/13
TACH	469.5
T.T.	469.5

INSPECTED AIRCRAFT FOR ANNUAL INSPECTION USING LIBERTY CHECKLIST AS A GUIDE - C/W AD 2009-08-05 R1 BY INSPECTING EXHAUST IAW CSB-09-001, NEXT DUE AT 494.5 HOURS - REPAIRED PORT AND STARBOARD AFT WING ATTACHMENT LUGS IAW LIBERTY RKI-SB-12-001 - INSTALLED ELECTRIC WING PIN ACTUATORS (P/N 135A-10-243) - REMOVED AND REINSTALLED DIRECTIONAL GYRO AFTER OVERHAUL BY MID-CONTINENT (SEE FORM 8130-3) - REPLACED ENGINE AIR FILTER (P/N R-1260) - REPLACED ALTERNATE AIR BOX SHAFT ASSY (P/N 135A-50-275A) - CLEANED MINOR CORROSION FROM AND PAINTED NOSE GEAR - REPLACED BONDING STRAP ON RUDDER BELLCRANK - INSPECTED ELT SYSTEM IAW FAR 91.207, NEXT BATTERY CHANGE DUE 03/17

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

BRYAN G. HARTMAN



A&P 354729066 IA

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be entered with Name, Date and Certificate Number of Technician</small>		YEAR:
DATE	REG. NO.	N583XL		MIDWEST AVTECH INC.		DATE
	MAKE	LIBERTY		I.V. REGIONAL AIRPORT		FHM
	P/N	XL-2		4241 ED URBAN DR.		T.T.
	S/N	0068		PERU, IL 61354		
	REPLACED AIRSPEED INDICATOR WITH SERVICABLE INDICATOR P/N T16-311-172M002, S/N A3005 (SEE YELLOW TAG), OPS CHECK GOOD					
	THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE					

REG. NO.	N583XL	MIDWEST AVTECH INC. I.V. REGIONAL AIRPORT 4241 ED URBAN DR. PERU, IL 61354	DATE	06/04/13
MAKE	LIBERTY		FHM	478.5
P/N	XL-2		T.T.	
S/N	0068			
REMOVED AND REINSTALLED ATTITUDE GYRO P/N 102-0084-03, S/N 17A0031 AFTER OVERHAUL BY MID-CONTINENT (SEE FORM 8130-3) - SWAPPED #2 AND #4 EGT PROBES FOR TROUBLESHOOTING PURPOSES				
THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE				

BRYAN G. HARTMAN

Bryan G. Hartman

A&P 354729066 IA

J.A. AIR CENTER
Aurora Airport • Sugar Grove, IL 60554
FAA Repair Station #NF2R029L

Type XL-2
S/N 0068
N# 583XL

Description of work done:

AIRFRAME LOG ENTRY

Date 27 AUG 13 Model GTX327 S/N 83727603
Transponder tested in accordance with Part 43 Appendix "F"
for compliance with FAR91.413 this date.

Joliet Avionics, Inc.
FAA Repair Station #NF2R029L

Signature 

Inspector

AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM
TESTED AND INSPECTED AS REQUIRED BY FAR 91.411 IN
ACCORDANCE WITH FAR 43, APPENDIX "E", PARAGRAPH (C).

JOLIET AVIONICS, INC.
FAA REPAIR STATION NF2R029L CLASS III

SIGNATURE 

MAINTENANCE RELEASE

The aircraft, airframe, engine, appliance, or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

WO 0901854M Date 27 Aug 13 Tach/Hobbs _____ Signature 
Inspector (print) Doug Mall

YEAR:

DATE

R
T/
TI

REG. NO.	N583XL
MAKE	LIBERTY
MODEL	XL-2
S/N	0068

MIDWEST AVTECH INC.

I.V. REGIONAL AIRPORT

P.O. BOX 451

PERU, IL 61354

DATE	02/13/14
TACH	496.4
T.T.	496.4

INSPECTED AIRCRAFT FOR ANNUAL INSPECTION USING LIBERTY CHECKLIST AS A GUIDE - C/W AD 2009-08-05 R1 BY INSPECTING EXHAUST IAW CSB-09-001, NEXT DUE AT 521.4 HOURS - REPLACED EMERGENCY BATTERY WITH NEW BATTERY P/N PS-12120 F2) - REPLACED ALL 3 TIRES (P/N 072-312-0) AND TUBES (P/N 092-308-0) WITH 500x5-6PR CONDOR TIRES - REMOVED AND REINSTALLED WINGS AND STABILATOR FOR INSPECTION - INSPECTED ELT SYSTEM IAW FAR 91.207, NEXT BATTERY CHANGE DUE 03/17

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

CHARLES M. STUDER

Charles M. Studer

A&P 337545845 IA

YEAR:
DATE

REG. NO.	N583XL	MIDWEST AVTECH INC. Lewis Univ. Airport 3 Tom Lambrecht Dr Romeoville, IL 60446	DATE	04/08/2014
MAKE	Liberty		Hobbs	496.4
MODEL	XL-2		ENG. T.T.	
S/N	0068		SMOH	
			CYCLES	

Removed and installed new aircraft battery with a Concord RG25XC. Charged #2 battery and replaced fuse with new. Charged #2 battery and replaced F09B250V10A fuse with new. Run up ops check, Okay.

THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE

Timothy K. Spreen



A&P2881558 IA

repair

016
SN.
CH

16
TI)

YEAR: _____
DATE _____

TOTAL
TIME II
SERVIC

REG. NO.	N583XL
MAKE	LIBERTY
MODEL	XL-2
S/N	0068

MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O.BOX 451
PERU, IL 61354

DATE	05/14/15
TACH	520.7
T.T.	520.7

INSPECTED AIRCRAFT FOR ANNUAL INSPECTION USING LIBERTY CHECKLIST AS A GUIDE - C/W AD 2009-08-05 R1 BY INSPECTING EXHAUST IAW CSB-09-001, NEXT DUE AT 545.7 HOURS - COMPLIED WITH ALL CHEPTER 4 INSPECTION ITEMS - COMPLIED WITH 1 YEAR EMERGENCY BATTERY REPLACEMENT (P/N PS-12120) - COMPLIED WITH 500 HOUR NOSE LOCK PIN REPLACEMENT (P/N 135A-40-565) - COMPLIED WITH 500 HOUR TAIL PLANE ATTACH LUG REPLACEMENT (P/N 135A-30-615) - COMPLIED WITH 500 HOUR AIR FILTER REPLACEMENT (P/NR1260) - REPLACED ALTERNATOR BELT (P/N 640517-9) - REPLACED PROPELLER WITH NEW PROPELLER P/N MT175R127-2Ca, S/N 15049 (SEE EASA FORM 1) - INSPECTED ELT SYSTEM IAW FAR 91.207, NEXT BATTERY CHANGE DUE 03/17

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

CHARLES M. STUDER

Charles M Studer

A&P 337545845 IA

YEAR

DATE

REG. NO.	N583XL
MAKE	LIBERTY
MODEL	XL-2
S/N	0068

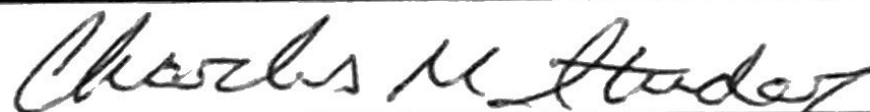
MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O.BOX 451
PERU, IL 61354

DATE	06/24/16
TACH	540.5
T.T.	540.5

INSPECTED AIRCRAFT FOR ANNUAL INSPECTION USING LIBERTY CHECKLIST AS A GUIDE - C/W AD 2009-08-05 R1 BY INSPECTING EXHAUST IAW CSB-09-001, NEXT DUE AT 565.5 HOURS - COMPLIED WITH ALL CHAPTER 4 INSPECTION ITEMS - COMPLIED WITH 1 YEAR EMERGENCY BATTERY REPLACEMENT (P/N PS-12120 S/N 11235-HG) - REPLACED ALL 4 BRAKE LININGS (P/N 066-10600), CONDITIONED LININGS IAW CLEVELAND INSTRUCTIONS - CHECKED PROP BOLT TORQUE - REPLACED CABIN HEAT DUCT (P/N SCAT-10 - INSPECTED ELT SYSTEM IAW FAR 91.207, NEXT BATTERY CHANGE DUE 03/17

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW FAR 43 APPENDIX D FOR AN ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

CHARLES M. STUDER



A&P 337545845 IA

MAKE Liberty
MODEL XL-2
S/N 0068
REG NO N583XL
WORK ORDER 5958-10-2016



J.A. Air Center

Repair Station No. NF2R029L
43W730 US RT 30
Sugar Grove, Illinois 60554
Phone: 630 584 3200

DATE 28 October, 2016
A/C TSN
TACH.

Airframe Entries

- 1 Transponder system tested in accordance with Part 43, Appendix F to comply with 91.413.
Garmin GTX327 S/N 83727603

Maintenance Release

The aircraft, engine, appliance or component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station CRS NF2R029L and EASA 145.5424 under Work Order No 5958-10-2016, Dated 28 October, 2016.

DATE 28 October, 2016

SIGNED:

Doug Mall

Certified Repair Station No. NF2R029L

Work Order 5958-10-2016

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