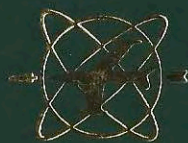


Book #3

N17102



*The Standard*

**AIRCRAFT LOG**

ASA-SA-1

**Aircraft Record** General Information

Manufacturer Cessna Model 177B  
Serial 17702503 Registration Number N1710Z  
Date of Manufacture June 7, 1976

Engine(s) currently installed:

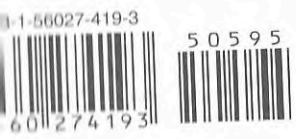
Manufacturer Lycoming Model O360-A1F6D Serial L-21803-36A  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

Propeller(s) currently installed:

Manufacturer McClellan Model ~~B73~~ B3D36C428  
HUB Model \_\_\_\_\_ Serial 960633 Serial \_\_\_\_\_

Blade Model G-82NPA-6 Serial PL148 Serial QC26Z Serial QC268

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2007				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9/15	1938.46			Affixed name decals to pilot & passenger doors 3m Winton 3247490

10/6/07

Tach: 1942.97

N17102

Total: 1942.97

C-177B

S/N: 17702503

Installed new Concorde battery in accordance with manufactures instructions and adjusted voltage regulator to 13.9 volts. Replaced left cowl flap cable and rigged. Installed one cowl flap bumper on each cowl flap. Adjusted engine idle mixture clockwise 1/2 turn.

Gary W. Shelton A&P 524808580 IA

*Gary W. Shelton*


YEAR:	RECORDING TACH TIME
DATE	

10/30/07

Tach: 1944.27

Installed baffl

Removed alte

Gary W. Shel







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

1/6/08			N17102	IO-360-A1F6D
Tach: 1962.6			Total: 1962.6	S/N: L-21803-36A
Changed oil and filter P/N CH48103-1 and serviced with 8 qts. Aeroshell 15W50. Oil sample taken				
No contamination found in filter.				
Gary W. Shelton A&P 524808580 IA <u>Gary W. Shelton</u>				

8/20  
2008

Cessna 177B, N17102, 02503, August 20, 2008, Tach and TT: 2006.8. Performed routine annual inspection per factory guide and form M100. C/W AD87-20-03R2 by inspection of seat rails and rollers. Serviced shimmy damper. Serviced brake reservoirs. Lubed airframe as necessary. Replaced LH MLG tire and tube, cleaned and repacked bearings. Cleaned gascolator screen bowl. Inspected ELT per 91.207(d), found satisfactory. Replaced cowling lord mounts as needed. Replaced vacuum regulator filter. Replaced instrument lighting transistors, p/n 2N3055

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

Signature R. W. McBride, Jr. R. W. McBride, Jr. AP27101581A

YEAR  
2008  
DATE  
10/8



YEAR: \_\_\_\_\_  
DATE \_\_\_\_\_

REC  
TAC  
TIM

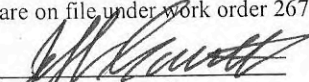


7929 Karl May Dr.  
Waco, Texas 76708  
CRS No. AK6R541N

TACH: 2037.7  
Date: 03/06/2009

Cessna 177B 17702503 N17102

On above referenced aircraft, installed Cessna Service kit #SK210-174A for pilot's seat. Aircraft is approved for return to service for maintenance performed. Pertinent details are on file under work order 2676.

  
Air Impressions, Inc.  
CRS# AK6R541N

Signature  
of Technician or Repair

TRANSPONDER CERTIFICATION

I certify that the ATC Transponder has been tested as required by 14 CFR PART 91.413 and were found to comply with PART 43 Appendix F. Details of this

TACH: 2037.7  
Date: 03/06/2009

ns  
of Technician or Repair

17102

#SK210-174A for pilot's seat.  
e performed. Pertinent details

### TRANSPONDER CERTIFICATION

I certify that the ATC Transponder has been tested as required by 14 CFR PART 91.413 and were found to comply with PART 43 Appendix F. Details of this certification are reference to Work Order: C1282 and are retained at this Repair Station Facility.

#1 Transponder P/N 011-00490-00 S/N 03721802

#2 Transponder P/N N/A S/N N/A

Acft Reg: 17102 Acft S/N 17702503

Acft TT: 2033.07 Date: 2-24-09

Signature:   
Aircraft Certification Services FAA Repair Station  
WCHR539X

### ALTIMETER SYSTEM CERTIFICATION

I certify that the altimeter and altitude reporting equipment have been tested as required by 14 CFR PART 91.411 and were found to comply with PART 43 Appendix E. Details of this certification are reference to Work Order: C1282 are retained at this Repair Station Facility.

Pilots Altimeter. To 20,000 ft


#1 Encoder To 20,000 ft

Copilots Altimeter To N/A ft

#2 Encoder to N/A ft

Acft Reg: N17102 Acft S/N 17702503

Acft TT: 2033.07 Date: 2-24-09

Signature:   
Aircraft Certification Services FAA Repair Station  
WCHR539X





YEAR:	RECORDING TACH	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
DATE	REDMOND AIR LLC			705 SE Salmon Ave. Redmond, OR 97756 541-923-1355 Redmond Air
	WORKORDER: 3532 08-25 -2009			
	CESSNA	177B	N17102	S/N: 17702503 TACH: 2130.26
	PERFORMED GARMIN SERVICE BULLETIN NO. 0918 REV A BY UPGRADING THE MAIN SOFTWARE IN THE GNS 430W PART # 011-01060-40, SERIAL # 97131026 TO VERSION 3.30. FUNCTIONAL CHECKED GOOD.			
	I CERTIFY THAT THIS AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND TESTED AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED.			
	<i>Steven M Graves</i>			
	STEVEN M GRAVES			CRS#Q9RR266Y

**Main Aircraft**

YEAR: \_\_\_\_\_

DATE: \_\_\_\_\_

Date: 07-12-10 WO#: 33903

- Serviced nose landing

I certify that this aircraft service with respect to the

*EL RB*



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(207) 780-1811 • Fax (207) 772-6900

CRS F5ER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
10/25/10	34111	N17102	177B	17702503	2233.59	2233.59

Inspected aircraft IAW M.A.A.M. High Performance Single Engine Annual Inspection Guide

Complied with FAR 91.207(d) HLT Inspection

**Battery Due: March 2012**

**Next Due: Annual**

Complied with the following AD's:

**Next Due: Annual**

- AD 87-20-03 R2 "Seat Tracks" - Inspected IAW par 1 (c)
- AD08-26-10 "Alternate Static valve"- N/A by date.
- AD 08-10-02 "Alternate Static valve"- N/A by date.
- AD 76-07-12R1 "Bendix ignition switch" C/W inspection of switch ops check good.
- AD 04-19-01 "On Shoulder Harness" N/A by S/N.

**Next Due: Annual**

Complied with the following ICA's


- Complied with ICA on Power flow exhaust.
- Complied with ICA on Airwolf Air oil Separator.
- Complied with ICA on Pulselite system.
- Complied with ICA on Concord Main battery caps check.
- Complied with ICA on GNS430 install.

YEAR: 10  
Repaired

Verify if  
All applic  
Signature  
MAINT /  
REPAIR




YEAR:	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 Person (See instructions for other specific entries.)

**DATE**  

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 CRS FSER011E

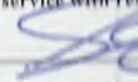
Date	WO#	Registration	Type/Model	SN	Tach	ACTT
10/25/10	34111	N17102	177B	17702503	2233.59	2233.59

- Balanced prop with ACES prop balancer to .05 IPS.
- Replaced outlet fitting on electric fuel pump to a AN915-10 elbow to gain clearance for exhaust. No leaks noted on leak check.

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

  
 \_\_\_\_\_  
 Signature

CRS FSER011E  
 \_\_\_\_\_  
 Type and Certificate Number


**YEAR:**  
 \_\_\_\_\_  
**DATE**  
 \_\_\_\_\_  
 Date  
 5/3/2011  
 Performed 24 m  
 411326; GTX  
 required by P  
 for return to s  
 to comply wi  
 Replaced retain  
 I certify that th  
 service with res  




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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
12-09-11	35301	N17102	Cessna 177B	17702503	2336.77	2336.77

Inspected iaw M.A.A.M. Light Single Engine Annual Inspection Guide

The following airworthiness directives were complied with:

- AD 11-10-09 "Seat and Seat Track Wear"—inspected per the AD, found within limits
- AD 76-07-12 "Bendix Ignition Switches"—function check ok
- AD 11-15-10 "AFS Fuel Servo Diaphragms"—N/A, affected servo not installed
- AD 11-11-04 "Contaminated Halon Gas"—N/A, affected fire bottle not installed

Next Due: 100 Hr / Annual  
Next Due: 100 Hr

Complied with FAR 91.207(d) ELT Inspection

**Batteries Due: Dec 2013**

Next Due: Annual

The following instructions for continued airworthiness were complied with:

- Power Flow Exhaust System
- Plane Power Alternator
- Airwolf Air/Oil Separator
- Precise Flight Pulse Light System
- Concord Battery

The following discrepancies were noted and corrected:

- Replaced induction air filter with new p/n BA 5710 Filter
- Replaced vacuum regulator filter with new p/n B3-5-1 Filter
- Replaced 1 deteriorated cowl mount with new p/n J7444-14 Mount
- Removed areas of surface corrosion on lt. flap skin and restored protective coating
- Replaced missing nut and washer on factory CHT probe as required
- Applied anti-chafe tape to inner engine cowl skin
- Replaced 2 missing cowl fastener retaining rings with new p/n S1115-9 Rings
- Replaced ELT batteries with 8 new Duracell Batteries Mfg. Date: Aug 2011

Continued

I certify that this Aircraft has been  
All applicable AD Notes have been  
Signature *[Signature]*  
MAINE AVIATION AIRCRAFT  
REPAIR STATION FSER011E

**Maine Av**  
Aircraft Maintenance

Date	WO#	Signature
11/20/12	36302	<i>[Signature]</i>
• Installed new copilots do		
I certify that this aircraft was rep service with respect to the work p		
		Signature

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CRS FSR011E

SN	Tach	ACTT
17702503	2336.77	2336.77

and within limits

Next Due: 100 Hr / Annual  
Next Due: 100 Hr

not installed  
not installed  
3

Next Due: Annual

coating

ings  
Aug 2011

Continued

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition. All applicable AD Notes have been complied with and this aircraft is approved for return to service.

Signature *ELP Bush*

MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE  
REPAIR STATION FSR011E

**Maine Aviation**  
Aircraft Maintenance, LLC

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CRS FSR011E

Date	WO#	Registration	Type/Model	SN	Tach
11/20/12	36302	N17102	177B	17702503	2413.9

- Installed new copilots door handle P/N 0517039-2 and clip P/N 0511189-1, ops check good.

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

*JC*

Signature

CRS FSR011E

Type and Certificate Number


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Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
12-14-12	36354	N17102	Cessna 177B	17702503	2413.22	2413.22

Inspected in accordance with M.A.A.M. Light Single Engine Annual Inspection Guide

The following airworthiness directives were complied with:

- AD 11-10-09 "Seat and Seat Track Wear"—inspected per the AD, found within limits
- AD 76-07-12 "Bendix Ignition Switches"—function check ok
- AD 12-03-07 "Carburetor Mixture Control Sleeves"—N/A to carburetor model
- AD 12-19-01 "Crankshaft Retirement"—N/A to engine serial number
- AD 11-26-07 "Magnetos Impulse Coupling Stop Pins"—N/A to magneto manufacturer

Complied with FAR 91.207(d) ELT Inspection

**Batteries Due: Dec 2013**

The following instructions for continued airworthiness were complied with:

- Power Flow Exhaust System
- Plane Power Alternator
- Airwolf Air/Oil Separator
- Precise Flight Pulse Light System
- Concord Battery

Next Due: 100 Hr / Annual  
Next Due: 100 Hr

Next Due: Annual

Continued

The following discrepancies were noted:

- Replaced induction
- Replaced vacuum
- Removed fuel
- Lubricated carburetor
- Repaired cracked
- Removed leaking
- Serviced and re
- Cleaned battery
- Resented winds
- Replaced worn

I certify that this aircraft is in accordance with all applicable AD's.  
Signature \_\_\_\_\_  
MAINE AVIATION  
REPAIR STATION

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 Phone: (207) 772-1811 • Fax: (207) 772-6900  
 CRS FSER011E

SN	Tach	ACTT
17702503	2413.22	2413.22

Inspected within limits  
 for model  
 to manufacturer

**Next Due: 100 Hr / Annual**  
**Next Due: 100 Hr**

**Next Due: Annual**

Continued...

The following discrepancies were noted and corrected:

- Replaced induction air filter with new p/n BA 5705 Filter
- Replaced vacuum regulator filter with new p/n B3-5-1 Filter
- Removed rt. fuel quantity gage, re-tensioned connector pins and reinstalled—ops check ok
- Lubricated carburetor heat cable
- Repaired cracks in lt. and rt. stabilator tip fairings iaw Cessna Single Engine SRM
- Removed leaking shimmy dampener. Disassembled, cleaned and reassembled with new p/n MS28775-111 and MS28775-214 O-rings. Serviced and reinstalled iaw Cessna 177 Service Manual—no further leaks noted
- Cleaned battery terminals
- Resealed windshield
- Replaced worn roll pin in carburetor heat control arm and adjusted cable for proper travel

I certify that this Aircraft has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition. All applicable AD Notes have been complied with and this aircraft is approved for return to service.

Signature: [Signature]  
 MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE  
 REPAIR STATION FSER011E


*Summed to this page*

ENDING  
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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Aircraft Maintenance, LLC.

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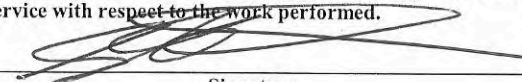
CRS FSR011E

Date	WO#	Registration	Type/Model	SN	Tach
5/3/2013	36716	N17102	Cessna 177B	17702503	2460.78

Performed 24 month certifications of pitot/static systems and the following equipment to 20,000 ft: United Altimeter, p/n 5934P-3A.83, s/n 411326; GTX327 Transponder, p/n 011-00490-00, s/n 83721802. The altimeter system & altitude reporting equipment tests & inspections required by FAR part 91.411 paragraph (a.1) have been performed & found to comply with FAR part 43 Appendix E & F and is approved for return to service. The ATC transponder tests and inspections required by FAR part 91.413 paragraph (a) have been performed and found to comply with FAR part 43 Appendix F and is approved for return to service.

Inspected the existing installation of the Davtron M800 Chronometer IAW AC43.13 with no defects noted.

**I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.**

  
Signature

CRS FSR011E  
Type and Certificate Number

--	--	--	--

YEAR: \_\_\_\_\_  
DATE

RECORDING  
TACH  
TIME

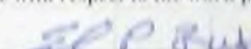
TODAY'S  
FLIGHT

**Maine Av**  
Aircraft Maintenance, LLC.

Date	WO#
05-03-13	36715

- Replaced vacuum s/n N...
- Removed 2<sup>nd</sup> row passen...
- Inspected previously ins...
- This installation constitu...
- Removed debris from it...

I certify that this aircraft was r...  
service with respect to the work p...

  
Signature

**Tests, Repairs and Alterations**

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

Portland International Airport • Portland, ME 04102  
 • Fax (207) 772-6900

FSER011E

SN	Tach
17702503	2460.78

to 20,000 ft: United Altimeter, p/n 5934P-3A.83, s/n 17702503. Item & altitude reporting equipment tests & inspections comply with FAR part 43 Appendix E & F and is approved. FAR part 91.413 paragraph (a) have been performed and found

with no defects noted.

in accordance with current Regulations of the FAA and is approved for return to service.

CRS FSER011E

Type and Certificate Number

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

**Maine Aviation**  
 Aircraft Maintenance, LLC.

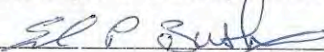
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CRS FSER011E

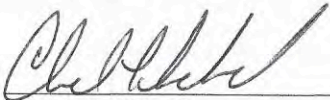
Date	WO#	Registration	Type/Model	SN	Tach	ACTT
05-03-13	36715	N17102	177B	17702503	2460.86	-----

- Replaced vacuum s/n N30205 with new p/n AA3215CC Pump s/n 02DU03
- Removed 2<sup>nd</sup> row passenger seat per owner request. Revised aircraft weight & balance
- Inspected previously installed Davtron clock and found it to conform to current Davtron Installation Instructions. This installation constitutes a minor alteration
- Removed debris from lt. static port as required

I certify that this aircraft was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service with respect to the work performed.

  
 Signature

CRS FSER011E  
 Type and Certificate Number

YEAR: 2013	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.)
5/25	2577.04	KOLY	01 hr, IL	Replaced cyl #1 bottom spark plug with RAM38E. Runup & mag check OK. <del>30 min as per</del> <del>owner Cert# 3207440</del>
5/10	2470.22	KJWN		
				<b>Cumberland Avionics, LLC</b> 210 Tune Airport Drive Nashville, TN 37209 Airframe
		REG NO: N17102	S/N: 17702503	HOBBS:
		MODEL #: 177B	DATE: 5/10/13	TACH:
Inspected brakes for signs of binding. Inspected nose gear and serviced strut per Cessna M.M. Ops checked good.				
I certify that the above work has been accomplished and inspected in accordance with applicable maintenance manuals and/or instructions.				
		Signed 	A&P 409457398	
		Chad Goddard		

YEAR: 2014	RECORDING TACH TIME
3414	2579.8
brackets & etc	
cleaned & lub	
serviced air	
pads replaced	
drains etc.	
using P/N A&P	
prop control	
cable using P	
cable was u	
they manufac	
Installed se	

**Tests, Repairs and Alterations**

(Rating and Certificate Number of Technician or Repair Facility entries.)

plug with RAM38E. Runup & mag  
 1/20/14, over Cert# 3247440

LC  
 TN 37209

HOBBS:  
 TACH:

ted nose gear and serviced

plished and inspected in  
 uals and/or instructions.

A&P 409457398

YEAR: 2014 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.)
3-4-14	2579.8		2579.8	Checked controls, cables, hinges, pulleys, brackets & attachments. Checked landing gear, tires, wheels & brakes. Cleaned & lubed wheel bearings. Sewed tires with air & balanced. Serviced aircraft battery. Checked lights. Checked EIT per FAR 91-207 and replaced battery dated until Dec 2023. Checked fuel caps, vents, drains etc. Checked & cleaned fuel strainer. Replaced inst. air filter using P/N AAD9-14-5. Replaced vac. reg filter using B3-5-1. Replaced prop control cable using P/N MCC 299506-0185. Replaced throttle cable using P/N MCC 299505-0301. Flap follow up cable was bad. Cable was unavailable from Cessna, sent old cable to McFarlane & they manufactured new cable. See attached paper work from McFarlane. Installed new cable in accordance, as a minor alteration.

(over)

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>Operation of cable checked normal. Removed engine &amp; sent to Triad Aviation in Burlington, N.C. for overhaul. Reinstalled after return. See engine log book for details. Removed prop &amp; sent to H&amp;H Propeller Service in Burlington, N.C. for overhaul. Reinstalled after return using a new alternator belt. Repaired nose gear fairing CIW/SEB-27-01 control column internal guide attach screw installation by installing a screw P/N M53526598 on co-pilot's control column. Installed push to talk button on pilot's control wheel. CIW/A.D. 76-07-12 function check of mag switch. CIW/A.D. 11-10-09 seat track wear &amp; seat pin engagement by insp. I certify that this aircraft has been inspected in accordance with an annual inspection &amp; is approved for return to service. Samuel Ramos AIP24264442-ISA</p>

YEAR: 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT
05-30	2606.5	
07-31	2647.3	

**Repairs and Alterations**

(Rating and Certificate Number of Technician or Repair Facility entries.)

oved engine & sent to Iniad  
 installed after return.  
 prop & sent to H7H Propeller  
 Reinstalled after return  
 gear failing CIW/SEB-27-01  
 installation by installing a screw  
 installed push to talk button  
 check of mag switch  
 agreement by insp. I certify  
 accordance with air  
 to services Samuel Barnes  
 ADP242644424FA

YEAR: 2014	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
DATE				
05-30	2606.5		2606.5	INSTALLED NEW CORCORDE BATTERY PIN 35 AXC IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS Yeh Bui 2171045 A+B
07-31	2647.3		2647.3	R+Red ALL SEAT BELTS PER ANSAFE INSTALLATION INSTRUCTIONS TSO: TSO-22g DATE CODE A0714 TSO: TSO C114 DATE CODE A0714 Yeh Bui 2171045 A+B

YEAR: <u>2015</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
DATE			
<u>3-12</u>	<u>16.0NT</u>		
<u>04-02</u>	<u>2701.5</u>		<u>2701.5</u>

**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.)

ANNUAL INSPECTION AND FOUND THIS  
AIRCRAFT TO BE AIRWORTHY.  
Rob [Signature] IA465722719

Date: April 2, 2015 Aircraft: N17102  
 I certify that the test and inspections required by FAR 91.413  
 have been performed. System complies with FAR 43,  
 Appendix F.  
 Transponder: GTX327 s/n 83721802  
[Signature]  
 AVIONICS UNLIMITED, INC.  
 FAA CRS #VUER010Y

YEAR:  
2015  
DATE  
12-15











February 17, 2017 N17102 S/N 17702503

IFR CERTIFICATION

As requirements under STC SA01714WI this GTX 345 meets the requirements of AC 20-16; AC-20-172A; AC 21-40A; AC 23.1309-1E; AC43.13.1B & 2B; Form 337 and Permission Letter to installed. In accordance with ATC Xpd functionality of 14 CFR 91.215, 91.217 & 91.413 ADS-B Out functionality performed to 14 CFR 91.225 & 91.227(Hex Code 50217527).

In accordance with FAR 91.411 each Static Pressure system. Each altimeter instrument and each automatic pressure altitude reporting system has been tested and inspected to comply w/appendices E and F of part 43 of this chptr. Model # SSD120-30N-RS232; S/N **SRA-11456** Altimeter P/N 5934P-3-A.83 S/N 411326.

This aircraft and/or component has been repaired/inspected in accordance with current regulations of the FAA and is approved for return to service. Pertinent details of this repair are on file at this CRS under W/O # 9467

Brazos Avionics Inc.

CRS# XSIR623K

James E. Miller

*James E. Miller*

pair

Cessna 177B

THE FOLLOWING  
GTX 327 transponder  
345 transponder  
face with GNS  
RS-235. R/R c  
Installed additi  
Manual. R.R b  
operation.

Installation done  
Rev. 8. Sept 30  
2003. G-5 inst  
January 2017.  
G-5 STC #SA  
AC 21-40A; A  
Permission let

Model #:  
Altimeter

This aircraft inspected of the FAA Pertinent CRS und

Brazos Avionics Inc.

CRS# XS1R623K

James E. Miller

*James E. Miller*

pair

Cessna 177B N17102 S/N 17702503 02/17/2017

THE FOLLOWING ITEMS REMOVED FROM ABOVE NAMED AIRCRAFT:  
GTX 327 transponder and Argus 3000 moving map display. Installed the following 345 transponder with ADS-B and G-5 Electronic Flight display. Transponder interface with GNS 430W(SW 5.3 main & GPS 5.0), GMA 340 audio panel and SSD 120-RS-235. R/R coax(RG-58) with RG-400. G-5 installed in Argus 3000 location. Installed additional plumbing from pitot and static system per G-5 Installation Manual. R.R both communication antenna with CI 121, clean a/c surface for proper operation.

Installation done in accordance w/GTX 345 Installation Manual P/N 190-00734-10, Rev. 8. Sept 30, 2016. GMA 340 Installation Manual P/N 190-00149-01, Rev. L. May 31, 2003. G-5 installed in accordance with Installation Manual P/N 190-01112-10, Rev. 4. January 2017. All Equipment installed in accordance with the following STC's G-5 STC #SA01818WI; GTX 345 STC #SA01714WI; AC-20-165; AC 20-172A; AC 21-40A; AC 23.1309-1E; Permission letter G-5 February 17, 2017 and Permission letter GTX 345 March 8, 2016. - Cont. -



Chapter 6, Corrosion,  
 are, Section 2  
 Electrical  
 Section 3. Inspection  
 Section Devices.  
 on Inspection Requirements,  
 plicing, Section 15,  
 Aircraft Avionics  
 Installations and

the appropriate log-

YEAR: 2017	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
2/22	2855			PERFORM 100HR INSPECTION PER CESSNA SERVICE MANUAL SEC. 2 CHECK ET PER FAR 91-207 AND REPLACEN BATTERYS DATED DEC 2025 C/W AD 76-07-12 R. FUNCTIONAL CHECK of MAG SWITCH, C/W AD 2011-10-09 SEAT TRACK WEAR SEAT PIN ENGAGEMENT BY INSPECTION
				<i>[Signature]</i> 2171045 A+P

YEAR: 2017	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.)
DATE				
2-22-17	2855			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS FOUND TO BE AIRWORTHY. By [Signature] IA 465722719
3-15-18	2861			GESSNA SERVICE LETTER SEL-57-03 COMPLIANCE: BY VISUAL INSPECTION (EXTERNAL AND INTERNAL) OF BOTH R+L LOWER MAIN SPAN CAPS PER - SEL-57-03 "NO CRACKS NOTED" [Signature] 2171045 A+P

YEAR: 2018	RECORDING TACH TIME	TODAY'S FLIGHT
DATE		
3/1	2894	







Reg. No.: N17102  
 Completed: 03/01/18  
 TTAF: 2894.10

0  
 Appendix D and referencing Cessna Service Manual  
 accordance with an annual inspection and was

LETTER SEL-57-05  
 BY VISUAL INSPECTION  
 UTTERWAY OF BOTH  
 - ALL SMALL CAR'S  
 NOTED " *[Signature]*  
 2171045 A+P

YEAR: 19	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.)
DATE 4-2	2950		2956	PERFORMED 100HR INSPECTION PER CESSNA SERVICE MANUAL SEC. 2 CHECKED ST PER FAR 91-207 BATTERY'S DATED 2025 <sup>4w</sup> AD 76-07-12R
				AD DATE: 8-30-77 FUNCTIONAL CHECK OF MAG SWITCH, AD DATE: 5-13-11 <sup>4w</sup> AD 2011-10-09 SEAT TRACK WEAR / SEAT PIN ENGAGEMENT BY INSPECTION. " NO DEFECTS NOTED" <i>[Signature]</i> 2171045 A+P

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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MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T  
 Make: CESSNA Model: 177B  
 Order No.: 78389  
 S/N: 17702503 Tach Time: 2950.00

Reg. No.: N17102  
 Completed: 04/02/19  
 TTAF: 2950.00

Performed annual inspection in accordance with FAR Part 43 Appendix D and referencing Cessna Service Manual Inspection List. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

R. M. Marshman RMM IA 2806218




I certify that the altimeter complies with FAR 43 Appendix D as required by FAR 43.161

Standard -Reading	
-1000	-1000
0	0
500	500
1000	1000

Signed

**Tests, Repairs and Alterations**

Name, Rating and Certificate Number of Technician or Repairer (or specific entries.)



Reg. No.: N17102  
Completed: 04/02/19  
TTAF: 2950.00

Appendix D and referencing Cessna Service Manual in accordance with an annual inspection and was



**Murfreesboro Aviation**

FAA Repair Station #44MR026D

1936 Memorial Blvd, Murfreesboro, TN 38474

REG NO: N17102

DATE: 28 March 2019

MODEL #: Cessna 177B

S/N: 17702503

TACH: 2949.73

AIRFRAME LOG




I certify that the altimeter and altitude reporting equipment test required by FAR 91.411 has been performed and found to comply with FAR 43 Appendix E. Altimeter tested to 20000 feet. I certify this Garmin GTX345 transponder has been tested and inspected as required by FAR 91.413 The aircraft identified above was inspected in accordance with current FAA regulations and was found airworthy for return to service.


Standard - Reading		Standard - Reading		Standard - Reading		Standard - Reading	
-1000	-1000	2000	2000	8000	8000	16000	16020
0	0	3000	3000	10000	10000	18000	18040
500	500	4000	4000	12000	12020	20000	20040
1000	1000	6000	6000	14000	14020		

Signed 

Date: 28 March 2018



YEAR:	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency
DATE		
TT	3020	
TAC	3020	
 <b>Aircraft Engineering, Inc.</b> Bldg. 434 Bartow Airport Bartow Florida 33830 863.533.1870 IA #2104727		
<b>ANNUAL STATEMENT</b> <b>N17102</b>		
Date	6/5/2020	
TACH	3020	Total Time 3020
I certify that this Airframe has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. AD'S checked thru CD 2020 AD list on file For details see work order #A 5202		
Bill Turley Signature Inspection Authorization #2104727		

YEAR:	TT
DATE	3020
 <b>Aircraft Engineering, Inc.</b> Bldg. 434 Bartow Airport Bartow Florida 33830 863.533.1870 IA #2104727	
DATE: 6/5/2020	TACH: 3020
N17102	WO# A 5203
AIRFRAME	
<ol style="list-style-type: none"> <li>1 ANNUAL INSPECTION COMPLETED</li> <li>2 CLEANED AND PAINTED BATTERY BOX</li> <li>3 ELT TESTED IAW FAR 91.207(d), BATTERY REPLACEMENT DUE 3/2028</li> <li>4 CHECKED TAIL NAV ANTENNA, CHECKED GOOD</li> <li>5 REMOVED AND REPLACED 1 VG WITH NEW ON RIGHT WING</li> <li>6 OVERHAULED MAP GAUGE AND FLUSHED LINES</li> <li>7 AD 93-6 IGNITION SWITCH INSPECTION COMPLETED, INSTALLED NEW SWITCH</li> <li>8 REMOVED AND REPLACED FLAP BAND AFT SCREWS WITH CORRECT LENGTH</li> <li>9 RETORQUED STABILIZER BEARING</li> <li>10 INSTALLED LEFT AND RIGHT DOOR STEWARDS PER STC SA011208E. REVISED WEIGHT AND BALANCE AND EQUIPMENT LIST.</li> <li>11 REMOVED AND REPLACED STEC ALT HOLD AFT STATIC TUBING WITH NEW</li> <li>12 REMOVED AND REPLACED RIGHT HAND COWL FLAP HINGE WITH NEW</li> <li>13 REPLACED 1 COWL FLAP BUMPER WITH CORRECT PART NUMBER</li> <li>14 REMOVED AND REPLACED LEFT AND RIGHT CABIN DOOR SEALS WITH NEW</li> <li>15 DRESSED AND PAINTED PILOT DOOR FRAME</li> <li>16 LUBRICATED PILOT AND CO-PILOT SEATS</li> <li>17 REMORKED BLIND ENCODER STATIC LINE</li> <li>18 INSTALLED STALL HORN CLAMP AND TESTED</li> <li>19 ADJUSTED FLAPS TO SPECS</li> <li>20 REMOVED AND REPLACED FRONT BOTTOM COWL BUMPER WITH NEW</li> <li>21 ADDED RIVET LEFT AND RIGHT STABILIZER TIPS</li> <li>22 SEL 67-03 LOWER SPAR EDDY CURRENT INSPECTION COMPLETED, L &amp; R</li> <li>23 AD 11-10-9 SEAT AND TRACK INSPECTION COMPLETED</li> <li>24 SB ELEVATOR ARM BRACKET INSPECTION COMPLETED</li> <li>25 SB 67-07 LOWER CENTER SPAR EDDY CURRENT INSPECTION COMPLETED</li> <li>26 REMOVED AND REPLACED 2 MASTER CYLINDER HOSES WITH NEW</li> <li>27 REMOVED AND REPLACED LEFT AND RIGHT BRAKE CYLINDER HOSES WITH NEW</li> <li>28 REMOVED AND REPLACED LEFT AND RIGHT WING FUEL DRAINS WITH NEW</li> <li>29 REMOVED AND REPLACED VACUUM RELIEF FILTER WITH NEW</li> <li>30 REMOVED AND REPLACED VENTRAL VACUUM FILTER WITH NEW</li> <li>31 CLEANED AND LUBRICATED LEFT AND RIGHT FORWARD ALERON BEARINGS</li> <li>32 ALL CONTINUING AIRWORTHINESS ITEMS CHECKED AND COMPLETED</li> </ol>	