

Log #1

THE **adlog**TM

**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N18729

Aircraft Mfg. CESSNA Model 177B Serial No. 17702550

Engine Mfg. LYCOMING Model O-360-A1F6D Serial No. L3113-36A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____


Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8/1/04	4293.3		<p>COMPLETED ANNUAL INSPECTION I/A/W FAR 43-D AND CESSNA CHECKLIST. REMOVED PANELS & INTERIOR AS REQ'D TO INSPECT & LUBRICATE. INSPECTED SEAT RAILS I/A/W AD 87.20.03 RZ, NO DEFECTS NOTED. IGNITION SWITCH OPS CHECKED I/A/W AD 76.07.12 NO DEFECTS NOTED. LUBRICATED/INSPECTED FLIGHT CONTROLS, CHECKED LIGHTS, ALL BEARINGS SERVICED, BALANCED MAIN TIRES. REMOVED NOSE SPEED FAIRING FOR REPAIR, SEE WT'S BAL SUPPLEMENT DTD 8/1/04. REPLACED VACUUM SOURCE HOSE / DETERIORATED. ELT INSPECTED / OPS CHECKED I/A/W FAR 91.207d BATTERY REPLACED, EXPIRES 9/06 ADS CHECKED THRU BI-WEEKLY ISSUE 2004-15. SEE RECURRING LIST FOR DETAILS. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION</p> <p style="text-align: right;"><i>Thomas Roberts</i> AIP 2716000A1TA</p> <div data-bbox="587 1533 1011 1717" style="border: 1px solid blue; padding: 5px; margin: 10px auto; width: fit-content;">  <p style="font-size: 8px; margin: 0;">ARTEX AIRCRAFT SUPPLIES, INC. 14405 Keil Rd. NE Aurora, OR 97002 (503) 678-7929 800-547-8901</p> <p>LOG BOOK ENTRY <u>8/1/04</u></p> <p>E.L.T. BATTERY REPLACEMENT DATE <u>9/2006</u></p> </div>
8/25/04	4293.4		<p>CHECK OUT FLIGHT AFTER ANNUAL. N.T.F. REPLACED BRACKETS AIR FILTER ELEMENT P/N BA-5705</p> <p>BEN JONES OWNER/PILOT 461216551</p> <p style="text-align: right;"><i>Ben Jones</i></p>

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8/27/04	4294.5		INSTALL NEW CONCORDE BATTERY MODEL RG-35 AXC S/N 400466381 STC
			BEN JONES OWNER/PILOT 461216551 <i>Ben Jones</i>
2/24/06	4362.6		COMPLETED ANNUAL INSPECTION I/A/W FAR 43-D ± C177B CHECKLIST. RMVD PANELS ± INTERIOR AS REQD TO INSPECT ± LUBRICATE. SERVICED NOSE STRUT, SEAT RAILS INSPECTED I/A/W AD 87-20- 03 RZ NO DEFECTS NOTED. IGNITION SWITCH OPS CHECKED I/A/W AD 76-07-10 NO DEFECTS NOTED. SEE RECURRING LIST FOR COMPLETE DETAILS AS OF ISSUE 2006-03. LUBRICATED FLIGHT CONTROLS INSPECTED LIGHTS BRAKES TIRES ± STRIPS BATTERY FOR CONDITION. ECT INSPECTED ± OPS CHECKED I/A/W FAR 91.207d. BATTERY EXPIRES 9-06. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY <u>CONDITION</u> <i>James Roberts</i> AIP 271600441JA

DALLAS AIR REPAIR-NW REGIONAL AIRPORT

DATE: 10/18/06 N# 18729
 MAKE/MODEL: CESSNA 177B S/N: 177-02550
 TTAF: 4415.6 SMOH: 2449.9 PROP O/H: 1899.3 TACH: 4415.6
 REPLACED BROKEN ALTERNATOR BRACKET P/N 07A21443.
 I CERTIFY THIS AIRCRAFT HAS BEEN REPAIRED/INSPECTED I/A/W CURRENT
 FEDERAL AVIATION REGULATIONS AND WAS DETERMINED TO BE IN AN
 AIRWORTHY CONDITION WITH RESPECT TO WORK PERFORMED AND IS
 HEREBY RETURNED TO SERVICE.

Jack Schedcik
JACK SCHEDCIK
 3873472021A

TODD THAXTON

@

ATLANTA AIR
SALVAGE

N-778RD

Catch the Final SWEEPSTAKES

January 21, 2008

This aircraft, N778RD, was extensively refurbished as the 2007 AOPA Sweepstakes aircraft. In order to fully document the maintenance records for the period of November 6, 2006 – January 21, 2008, a special refurbishment work package binder has been created to document these changes. This refurbishment work package should be considered part of the permanent aircraft maintenance records. The refurbishment work package is divided into sections as follows:


100	Aircraft paint and exterior
200	Aircraft Engine and Firewall Forward
300	Aircraft electrical and avionics
400	Aircraft airframe
500	Aircraft airframe
600	Aircraft inspection and return to service
700	Aircraft inspection and return to service

See N778RD refurbishment work package binder. An annual aircraft inspection was completed on June 19, 2007 as a part of this package.

Todd Thaxton

AWP 2658931 IA

GENERAL

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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 <p style="text-align: center;">GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p> <p>N778RD 1-31-08 TACH: 6.4 Secured left cowl flap cable to actuator bracket and rigged cowl flaps. Wired battery terminal on magneto switch to cabin instrument lights circuit breaker per wiring diagram. Installed ground wire from external power plug to engine mount at airframe using 4 ga. wire. Corrected installation of engine primer. Adjusted instrument air to mid-green. Byron C. Williams <i>Byron C. Williams</i> A&P2021731</p>			

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1375 14-February-2008 WO# 13428
N778RD S/N 17702550 CESSNA 177B Pg 1 / 2

**** ITEM # 13428-1 REPAIR NUMEROUS REPAIR SQUAWKS ****
 DISCREPANCY: REPAIR NUMEROUS REPAIR SQUAWKS.
 ACTION: 1) EDM800 NOT CONNECTED TO GNS430W'S - FOUND EDM800 RS232 INTERFACE NOT CONNECTED. WIRED EDM800 RX SIGNAL TO #1 GNS430W AND EDM800 TX TO BOTH GNS430W'S. ALSO PROGRAMMED EDM800 AS NEEDED. OPS CHECKED GOOD.
 2) ENGINE CLUSTER HAS NO BACKLIGHTING - CONFIRMED. CLUSTER NOT DESIGNED TO BE LIT.
 3) PULSE LIGHTS INOP - FOUND SWICH MISWIRED AND MISLABELED. ALSO FOUND PULSE LIGHT CONTROLLER HALF-UNPLUGGED. REWIRED AND RELABELED SWITCH. REPOSITIONED CONTROLLER CONNECTOR LOCKING MECHANISM TO ALLOW PROPER LOCKING. OPS CHECKED GOOD.
 4) GDL90 TRAFFIC INOP - FOUND GDL90 MIS-PROGRAMMED AND MISSING ALTITUDE INPUT. PROPERLY PROGRAMMED GDL90 AND CORRECTED ALTITUDE INPUT WIRING. OPS CHECKED GOOD.
 5) WX500 HEADING INOP AND NOT DISPLAYING ON #2 GNS430 AND GMX200 - ELIMINATED WX500 HEADING SENSE AND REWIRED INTERFACE SO AS GMX200 IS THE WX500 CONTROL AND BOTH GNS430W'S ARE RECEIVE ONLY. OPS CHECKED GOOD.
 6) EXCITATION INVERTER INOP - FAILED DURING COURSE OF WORK. REPLACED DEFECTIVE INVERTER WITH NEW WARRANTY EXCHANGE MD26-14. OPS CHECKED GOOD.
 7) ALTERNATE STATIC VALVE NOT PLUMBED INTO SYSTEM - PLUMBED ALTERNATE STATIC VALVE INTO STATIC SYSTEM. LEAK CHECKED GOOD.
 8) STEC 55X AUTOPILOT HEADING OFF BY 10 DEGREES - CONFIRMED PROBLEM IN KI525A HSI. RECALIBRATED HEADING AND COURSE DATUM. OPS CHECKED GOOD.
 9) STEC 55X BUTTON LIGHTING INOP - FOUND DIMMER WIRED NOT CONNECTED. WIRED 55X DIMMER TO AIRCRAFT LIGHTING SYSTEM. OPS CHECKED GOOD.
 10) COM'S INTERFERE WITH EACH OTHER (BLEED) - INSTALLED BELLY MOUNTED COM ANTENNA FOR USE WITH #2 COM. OPS CHECKED GOOD.

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 1375 14-February-2008 WO# 13428
N778RD S/N 17702550 CESSNA 177B Pg 2 / 2

11) RADIOS SAG CAUSING REMOVAL/INSERTION DIFFICULTIES - PROVIDED BACK SUPPORT FOR RADIOS.
 12) KCS55A COMPASS SYSTEM WILL NEW SLEW CW IN FREE MODE - CONFIRMED PROBLEM WITH KA518 SLAVING ACCESSORY. REPLACED SLAVING ACCESSORY WITH CUSTOMER SUPPLIED REPLACEMENT UNIT AND PERFORMED COMPLETE COMPASS SYSTEM CALIBRATION AND COMPASS SWING. PROVIDED NEW CORRECTION CARD. OPS CHECKED GOOD.
 13) FOUND STEC 55X TRIM PROMPTING ARROWS INDICATING INCORRECT DIRECTION FOR TRIM. SWAPPED WIRES AT 55X COMPUTER, PITCH SERVO, AND TRIM SERVO. OPS CHECKED GOOD.
 14) VERY LOW SPEAKER VOLUME - REPLACED GARMIN GMA340 AUDIO PANEL WITH SERIAL NUMBER 96270357. OPS CHECKED GOOD.

Byron C. Williams
 CRS# LN7R261N Date

Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GR0500
14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

DATE 4/22/08 TACH 18.1 A/F TT 4505.1 W/O# 0802052
N# 778RD MAKE Cessna MODEL 177B S/N 17702550

Inspected aircraft and determined it to be safe for a ferry flight from Frederick, MD (FDK) to Hagerstown, MD (HGR) for maintenance.

Signed: *[Signature]*
Hagerstown Aircraft Services, Inc Hagerstown, MD 21742
FAA Approved Repair Station H5GR0500

Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GR0500
14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

DATE 6/6/08 TACH 16.4 A/F TT 4506.2 W/O# 0802052
N# 778RD MAKE Cessna MODEL 177B S/N 17702550

Removed all access covers. Cleaned, inspected, and lubed as req. Installed new RH landing light bulb p/n GE4509, RH wing tip p/n 1723005-12, (2) cowl flap hinges p/n 1752091-13, and throttle cable p/n MCC299505-0301. Removed prop then reinstalled after re-indexing crank flange prop attach nuts/bushings I/A/W Lycoming SI-1098G. Removed McCauley prop governor p/n C290D3-K/T12 s/n 760261 then reinstalled same unit after it was set up as p/n C290D3-K/T11. Removed Plane Power alternator p/n AL12-F60 s/n 2F-64549. Installed Ford alternator p/n DOFF10300J s/n A504054 overhauled by Aerotech of Louisville, Inc (W/O 89143). Due to improper or missing documentation, a conformity inspection was performed of the previous removal of the following items: a sliding window alteration to the pilot's window previously installed I/A/W field approval dated 5/21/86, a "VFR only" stand alone IIMorrow GPS 360 and IIMorrow A-33 antenna previously installed I/A/W field approval dated 1/10/00, and a Narco DME 890 receiver with AV-22 antenna previously installed I/A/W 337 form dated 1/5/98. Due to improper or missing documentation, a conformity inspection was performed and corrections made as required to the previous installation of the following items: found a Zephtronics p/n R15V00 voltage regulator/alternator control unit installed I/A/W Tovya Group, Inc dba Zephtronics STC SA8031SW, Skybolt Aeromotive Corp cowling and firewall fasteners installed I/A/W their STC SA3286SO, a Precise Flight, Inc pulselight control system installed I/A/W their STC SA4005NM, a Precise Flight, Inc SVS V standby vacuum system installed I/A/W their STC SA2162NM, empennage LH and RH avionics equipment mounting racks installed I/A/W Strong Aero Engineering DER report No. N778RD-WQN01 dated 6/5/07 and his form 8110-3 dated same date and a field approval, a 14VDC Essential Equipment Bus system installed I/A/W DC Aerospace, LLC 14VDC ESS bus DER Drawing No. SK-2892 dated 12/3/07 and their form 8110-3 dated same date and a field approval, a Maple Leaf Aviation Limited/R.S. Designs fiberglass upper tailcone fairing p/n TFU-001 and lower

Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GR0500
14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

tailcone fairing p/n TFL-002 I/A/W a field approval, JP Instruments EGT-701 engine temp indicating system with EDM 800 panel unit installed I/A/W their STC SA2586NM, a JP Instruments fuel flow transducer installed I/A/W their STC SA00432SE, a set of Monarch fuel caps and filler necks installed I/A/W Mr. William Barton STC SA2376CE, an LP Aeroplastics, Inc extra thick (.250") windshield installed I/A/W their STC SA00382NY, a set of Micro AeroDynamics, Inc vortex generators on the wings and tail surfaces installed I/A/W their STC SA01033SE, an S-TEC 55X autopilot system installed I/A/W their STC SA09125AC-D, two Garmin AT GPS430W NAV/COM/GPS systems installed I/A/W their STC SASA01933LA, two Garmin AT GA35 GPS antennas installed I/A/W their STC SA01695SE, a Garmin AT GMX200 Multi Function Display installed I/A/W their STC SA01692SE, and a Garmin AT GDL 90 data link transceiver system including (2) A40 antennas installed I/A/W their STC SA02217AK. Generated FAA 337 forms dated 6/3/08 for above items. Checked balance of control surfaces due to previous repainting of aircraft. Reweighed A/C using Intercomp electronic scales. C/W FAR 91.207(d) by insp and ops check of ELT. Next due 6/09. Batt exp 5/12. C/W ADB7-20-03R2 by visual and dimensional inspection of seat tracks and seat attach mechanism. Next due 6/09. I certify this aircraft has been inspected I/A/W an annual inspection and has been determined to be in airworthy condition and is approved for return to service. All work was performed I/A/W manufacturer's maintenance manuals and current federal aviation regulations. See above work order for further details.

Signed: *[Signature]*
Hagerstown Aircraft Services, Inc Hagerstown, MD 21742
FAA Approved Repair Station H5GR0500

330 Aviation Way
Frederick, MD 21701
301-662-8156
CRS LC1R291K

encore

Date: 4/02/2008; Aircraft: N778RD; Type: CESSNA 177B; Hobbs: 23.40;
Tach: 18.00; Total Time: 18.00
Shop Order #: FDK-08-08623
Removed existing weights and performed dynamic balance using Chadwick-Helmuth equipment and data contained in FAA approved "The Smooth Propeller", reinstalled 41.16 grams at same clock angle as removed weights (236 inch/grams, max allowable with mounting method is 350 inch/grams). Final reading at or below .2 IPS.

C. John Colaluca for Encore Maintenance CRS LC1R291K

FAX
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80409 - TO!

Dan Gryder

FAX 678-688-7069

Ph-678-371-2793

3 pages

Brady Turner




912-399-1433

pei

pg 2

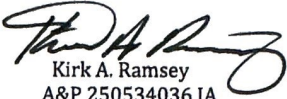
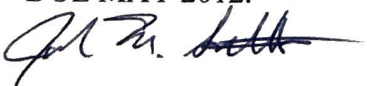

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			 <p>TOTAL brought forward from previous page</p>
			 <p>GREGG AIRCRAFT SERVICES, INC. EAST TEXAS REGIONAL AIRPORT 155 DOVEL ROAD LONGVIEW, TX 75603 903-643-0980</p>
			<p>N778RD 7-11-08 TACH: 40.0 Re-rigged elevator trim system in accordance with Cessna 177 S/N 2550. Replaced fuse in cigar lighter circuit. Secured mike holder. Byron C. Williams <i>Byron C Williams</i> A&P2021731</p>
			<p>Palmetto Aviation Repair, LLC 125 Airport Road Saint Simons Island, GA 31522 912-638-8667</p>
			<p>Date: 22 MARCH 2009 N: 778RD Log: AIRFRAME Make: CESSNA Model: 177B S/N: 177-02550 Tach: 152.0 Hobbs:</p>
			<p>PILOT REPORTS NOSE WHEEL SHIMMY. REMOVED UPPER AND LOWER COWLING. FOUND SHIMMY DAMPNER LEAKING FLUID. REMOVED DAMPNER, DIS-ASSEMBLED UNIT CLEANED AND RE-SEALED. SERVICED DAMPNER I.A.W. CESSNA MAINTENANCE MANUAL. INSTALLED UNIT AND SAFTIED. INSPECTED NOSE WHEEL AND TIRE FOR DEFECTS, NONE FOUND. INSPECTED STEERING LINKAGE. WASHED ENGINE AND NOSE GEAR WITH MINERAL SPIRITS. INSTALLED UPPER AND LOWER COWLING. LEAK AND TAXI TEST OF DAMPNER O.K.</p>
			 Kirk A. Ramsey A&P 250534036 IA

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			Palmetto Aviation Repair, LLC 125 Airport Road Saint Simons Island, GA 31522 912-638-8667
			Date: 21 AUGUST 2009 N: 778RD Log: AIRFRAME Make: CESSNA Model: 177B 4681.6 TTAF S/N: 177-02550 Tach: 191.8 Hobbs: 230.2
			CONDUCTED 100HR/ANNUAL INSPECTION IN ACCORDANCE WITH APPROVED CESSNA 177 INSPECTION GUIDE. CLEANED FUEL STRAINER. REMOVED INTERIOR FROM AIRCRAFT, OPENED ALL INSPECTION PANELS. PERFORMED VISUAL INSPECTION OF AIRFRAME AND ENGINE. LUBRICATED ALL PULLIES, HINGE POINTS, ROD ENDS AND BELLCRANKS. PERFORMED POWER ON CHECKS. PLACED AIRCRAFT ON JACKS AND REPACKED WHEEL BEARINGS. INSPECTED AND SERVICED BRAKE SYSTEM. COMPLIED WITH BENDIX AD 76-07-10, SWITCH OPERATES NORMALLY. COMPLIED WITH CESSNA AD 87-20-03R2 NO DEFECTS FOUND. INSTALLED NEW BULBS IN TAIL AND WIN NAV LIGHTS. INSTALLED NEW CABIN HEAT CONTROL CABLE P/N A-730. INSTALLED NEW INSTRUMENT AIR FILTERS. INSTALLED NEW COWL MOUNT P/N SK2003. PERFORMED E.L.T. INSPECTION PER FAR 91.207(D) OPS CHECK NORMAL. ELT BATTERY EXPIRES MAY 2012. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
			 Kirk A. Ramsey A&P 250534036 IA
			AIRFRAME AIRCRAFT CESSNA 177B N778RD DATE 10/21/2010 TACH: 374.1 TT: 4863.9
			PREFORMED A 100-HOUR INSPECTION PER CESSNA 177B MANUAL. LUBED WING FLAP JACK SCREW. LUBED FLAP HINGES. LUBED ALL CABLES. REPACKED ALL WHEEL BEARINGS. ELT OPS CHECK GOOD. ELT BATTERY DUE MAY 2012.
			 JACK M. SUTTON, A&P 2714812
			PREFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL ALL AD'S C/W THRU 2008-26-10. I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.
			 DURWOOD MILLER, IA 256641700

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DA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 12/05/2011 TACH: 495.8 TT: 4985.6

PERFORMED A 100-HOUR INSPECTION PER CESSNA 177B MANUAL. LUBED WING FLAP JACK SCREW, LUBED FLAP HINGES, AND LUBED ALL CABLES. REPLACED STARTER BATTERY WITH NEW GILL SEALED G35S, REPACKED ALL WHEEL BEARINGS REPLACED BOTH MAIN TIRES WITH NEW MICHELIN AIR, **REPLACED ELT BATTERY DUE MARCH 2018**, AND ELT OPS CHECK SATISFACTORY, ALL AD'S C/W THRU 2011-10-09(SEAT TRACKS). I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND DETERMINED TO BE AIRWORTHY.

Jack M. Sutton
JACK M. SUTTON, A&P 2714812

PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL, ALL AD'S C/W THRU 2011-10-09, I CERTIFY THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

Durwood Miller
DURWOOD MILLER, IA 256641700



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 08/24/2013 TACH: 654.5 TT: 5144.4

PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL AND CFR 43 APPENDIX D
• ELT TESTED SATISFACTORY IAW CFR 91.207 (D) **ELT BATTERY DUE MARCH 2018**
• MEASURED SEAT TRACKS IAW AD 2011-10-09, ALL ARE IN LIMITS
• ALL AD'S C/W THRU 2011-10-09(SEAT TRACKS)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

Jack M. Sutton
JACK M. SUTTON, A&P 2714812IA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 03-01-2015 TACH: 760.7 TT: 5250.6

PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL AND CFR 43 APPENDIX D
• ELT TESTED SATISFACTORY IAW CFR 91.207 (D) **ELT BATTERY DUE March 2018**
• MEASURED SEAT TRACKS IAW AD 2011-10-09, ALL ARE IN LIMITS
• ALL AD'S C/W THRU 2011-10-09(SEAT TRACKS)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

Jack M. Sutton 03/01/2015
JACK M. SUTTON, A&P 2714812IA

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535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 04-16-2016 TACH: 857.5 TT: 5347.4

- PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL AND CFR 43 APPENDIX D
- ELT TESTED SATISFACTORY IAW CFR 91.207 (D) ELT BATTERY DUE March 2018
 - MEASURED SEAT TRACKS IAW AD 2011-10-09, ALL ARE IN LIMITS
 - WING SPAR INSPECTION COMPLETED NO CRACKS FOUND
 - ALL AD'S CW THRU 2011-10-09(SEAT TRACKS)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 04-16-2016
JACK M. SUTTON, A&P 2714812IA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 04-21-2017 TACH: 929.8 TT: 5415.7

- PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL AND CFR 43 APPENDIX D
- ELT TESTED SATISFACTORY IAW CFR 91.207 (D) ELT BATTERY DUE March 2018
 - MEASURED SEAT TRACKS IAW AD 2011-10-09, ALL ARE IN LIMITS
 - ALL AD'S CW THRU 2011-10-09(SEAT TRACKS)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 04/21/2017 END
JACK M. SUTTON, A&P 2714812IA



535 AIRPORT ROAD
JESUP, GA 31546
(912)266-2234

AIRCRAFT CESSNA 177B N778RD SERIAL# 17702550
DATE 06/01/2018 TACH: 997.4 TT: 5487.3

- PERFORMED AN ANNUAL INSPECTION PER CESSNA 177B MANUAL AND CFR 43 APPENDIX D
- ELT TESTED SATISFACTORY IAW CFR 91.207 (D) ELT BATTERY DUE
 - MEASURED SEAT TRACKS IAW AD 2011-10-09, ALL ARE IN LIMITS
 - ALL AD'S CW THRU 2011-10-09(SEAT TRACKS)

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY.

J.M. Sutton 06/01/2018
JACK M. SUTTON, A&P 2714812IA

1. Approving National Aviation

ENGINE

PROPELLER

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Aeroborne Enterprises
538 Beacon Rd, Sylvania, Georgia 30467
912-857-3220, aerobornehank@yahoo.com

01-10-20 Tach: 1052.3 TTAF: 5542.2 TSMOH: 1115.2 TSPOH: 1052.3

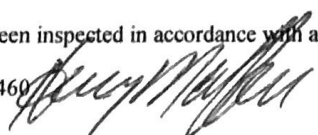
Lubricated all pulleys and bell cranks. Serviced battery. Aired tires and checked wheel bearings. Checked all interior and exterior lights. Cleaned gascolator bowl. R&R spinner due to cracks. Spinner repaired by ASEI under WO # 12563. R&R propeller due to oil leakage. Propeller repaired by Southcoast Propeller Service under WO # SR-13376. Installed new ME406 ELT battery. Checked ELT as per 91.207(d). Replaced bottom LH and RH cowl mounts PN SK2003-51ADJ. Installed new Brackett air filter element BA5705. R&R RH brake caliper, cleaned and installed new O ring. Installed new 66-105 linings on RH side. Back bled LH and RH brakes. Repaired broken static lines in tail area as necessary. Repaired landing light ground wire. Degreased belly and washed airplane.

C/W AD 2011-10-09 by inspection of rails and rollers. Du tach 1152.3
C/W AD 76-07-12 by functional check. Due tach 1152.3

The below statement in no way, implies or guarantees that this aircraft, or engine, or accessories will continue to function for any period of time after this inspection, and only states that this aircraft was inspected and certified to comply with all applicable Federal Aviation Administration Standards, Airworthy Directives and FAR 43 Appendix D.

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

Hank Maierhoffer IA 262832460



Date: July 10th, 2020

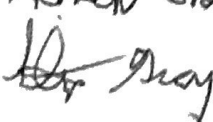
AIRFRAME

Total Time: 1332.2

Registration: N778RD

Cessna 177 B

- 1.) Replaced existing OEM white navigation light with uAvionix tailBeacon TSO assembly, P/N UAV-1002183-001, S/N 2013042, in accordance with tailBeacon Installation Manual, document UAV-1002514-001 Rev B. Used existing OEM position light circuit and confirmed appropriate per AC 43.13-1B Chapter 11, sections 5 & 6.

STEPHEN GRAY AIP 1932063/IA


FOR YOUR RECORDS. This form is required for warranty claim.

TAKE & RECORD THE REQUIRED MEASUREMENTS BEFORE INSTALLING THIS UNIT.

PN: R15100 Rev A

SN: 913027

ZEFTRONICS

Tech Ph: 903-758-6661 or visit www.zeftronics.com

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
		TOTAL bro
		7/30/20
		NEW ZEF
		SERIAL #
		SIGNATURE
		DATE

FIELD Ω AT ALT	Ω	FIELD Ω AT ACU/VR	Ω	FIELD BREAKER	Ω
BUS VOLTAGE, MASTER SW ON: ENGINE OFF		V	VBUS, ENGINE AT 1800 RPM		V
Other/Notes:					
AIRCRAFT MAKE			MODEL		N
INSTALLER				A&P PH	
COMPANY				BIZ PH	
OWNER				A&P EMAIL	
ADDRESS				BIZ EMAIL	
EMAIL				TACH TIME	
PHONE				ON	OFF
				DATE	DATE
Notes/History					
<p>ZEFTRONICS Electrical Charging System Solutions</p>					

Ph: 903-758-6661
ZWCQA1 71 page 2

8/23/2020 1152.6 c/w AD 2011-10-09 (Inspection of Seat Rails + Rollers). No defects noted at this time. Next due 1252.6 TIS or 12 months, whichever comes first.

c/w AD 76-07-12 (Ignition Switch Functional Check). No defects noted at this time. Next due 1252.6 TIS.

Brent Patrick (A&P: 2701230)


Model: tailBeacon TSO
PN: UAV-1002183-001

UAvionix
PN: UAV-1002183-001
MOD: 1
S/N: 2013042

UAvionix
590 Bern Road | Columbia Falls | MT | 59912
www.UAV.pntx.com | Office: 1-844-827-2372

Certificate of Conformance

I hereby certify that the product/s enclosed herewith, manufactured by UAvionix Corporation, have been inspected and found to be in full accordance with the specifications of TSO-C154c B1S, TSO-C145e Beta 1 INCOMP, TSO-C88b, and TSO-C30c Type III.

By:  Date: 3-4-20
Country of Origin: U.S.A.
UAV-1003043-001 (Rev B)

SUB-TOTAL

TOTAL

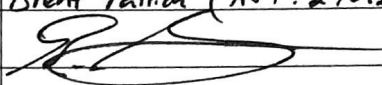
FERNANDINA BEACH AIRCRAFT MAINTENANCE
3990 CENTURION WAY HANGAR A
FERNANDINA BEACH FL 32034

03/15/2021

N778RD CESSNA 117B S/N 17702550 TACH: 1201.8 TT: 5628.8

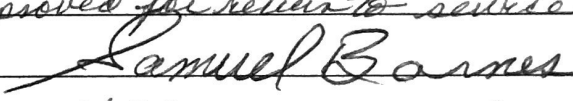
PERFORMED AN ANNUAL INSPECTION PER FERNANDINA AIRCRAFT MAINTENANCE INSPECTION SHEET. C/W AD 2011-10-09 SEAT AND SEAT RAILS BY INSPECTION NEXT DUE 1301.8 OR 2/2022. C/W AD 76-97-12R1 IGNITION SWITCH BY OPERATIONAL CHECK. NEXT DUE 1301.8 CHECK AD 20-19-06 MCCAULEY PROP GOVERNOR IDLER GEAR BEARING DNA BY DATE. REPLACED BRAKE LINING 4ea 066-105. INSTALLED NEW VACUUM FILTERS 1ea RAD9-18-1 AND 1ea B3-5-1. INSTALLED NEW AIRFILTER 1ea BA5705. INSPECTED SPAR VISUAL ONLY PER SEL-57-07. REINSTALLED SADDLE FITTING ON #4 INTAKE TUBE FOR THE STAND-BY VACUUM. PERFORMED ANNUAL AND BIENNIAL INSPECTION PER PRECISE FLIGHT REPORT 08072 SECTION 3.3. REPLACED FUEL PRIMER O RINGS AND CLEANED CHECK BALLS. REPAIRED AIR BOX BY REPLACING RIVETS AS NEEDED. THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY. REPLACED STABILATOR UP CABLE P/N 176006-8 FABRICATED BY MCFARLANE AVIATION PRODUCTS. SEE JOB ORDER NUMBER 65791 TREATED WINGS AND TAIL WITH ACF 50. SERVICED SHIMMY DAMPENER. THE END.

WO 716 SHERMAN R KELLER  JA 172464881

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
10/17/2021	1304.9		<p>Complied with AD 2011-10-09 (Inspection of Seat Rails and Rollers). No defects noted at this time. Next due 1404.9, TIS or 12 months, whichever comes first.</p> <p>Complied with AD 76-07-12 (Ignition Switch Functional Check). No defects noted at this time. Next due 1404.9 TIS.</p> <p>Brent Patrick (A+P: 2701230)</p> 
2-23-2022	5776.0	1349.0	<p>Checked controls, cables, hinges, brackets & attachments. Replaced left & right control cowl flap cables using P/N 51391-25 (L.H.) & P/N 1391-26 (R.H.) Checked control cables for the ailerons. It was sapited with .032 wire. Rigged aileron control cables. Set tension & sapited with .041 safety wire. Replaced stabilator L brackets using steel brackets for stabilator using P/N 1732064-1 1732064-2, 1732063-1 & P/N 1732063-2 Replaced left hand steel bushings on the fuselage for the stabilator. Installed new bolts using P/N NAS6606D17. Repaired wire for flap control switch. Repaired left landing gear fairing. Installed starter ring gear using P/N 5L72566 & installed prop using new O-ring P/N C-3317-22R Jarqued & sapited wire. Installed grommet edging around inside spinner & installed spinner. Repaired short for push to talk switch. Jacked aircraft. Checked landing gear, tires, wheels & brakes. Cleaned & lubed wheel bearings. Replaced O-ring for left brake using P/N MS29513-224 Replaced O-rings for shimmy dampner. Serviced tires with air & balanced. Serviced aircraft battery. Checked lights. Checked ELT per FAR 91-209 part battery dated until Jan 2027. Checked fuel caps, vents, drains etc. Checked & cleaned fuel strainers. Replaced O-rings for fuel screen.</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
			<p>Replaced Hartwig seals for fuel caps using PN EGAR0998. Repaired left landing gear fairing. Installed cover plates using PN1741004-12 + PN1741004-11 for landing gear fairing. Installed placards as needed. Replaced vac filters using RAD9-18-1 + B3-5-1. Cleared corrosion in right hand vents. Replaced seat hose in left & right panels for vents. Removed black hose in wing vents & installed new seat hose. Installed several missing screws in instrument panel. Repaired lower cowl flap bumper bracket & installed one. PNs 1929-1 bumper. Repaired copilot seat. Replaced left rudder bushing C/W AD 76-07-12 function check of mag switch. C/W AD 11-10-09 insp. of seat rollers & seat pin engagement. Performed inspection per Precise Flight report 08072 Section 3.3. See 337 dated 2-23-2022 for the repair of the bulkhead at station 263. I certify that this aircraft has been inspected in accordance with an annual & is approved for return to service.</p> <p style="text-align: right;">  AIP 242644424 IA </p>



Bragg Avionics, Inc. • 882 Bragg Avenue • Jacksonville, FL 32225
 (904) 564-1717 • (904) 564-1718 • www.braggavionics.com
 FAA Repair Station #UV1R546K

Registration No. N778RD	Aircraft Make Cessna	Aircraft Model 177B	Aircraft SN 17702550	Work Order Date 02/24/2022	Work Order No. 13067
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Removed & reinstalled GNS 430W after factory repairs. Removed & reinstalled EDM 700 after factory repairs & software update. Ramp tested aircraft, all okay.

Work performed IAW Cessna MM, Garmin GNS 400W Series STC IM, JPI IM.	Engine Monitor
WAAS/GPS/NAV/COM	JPI EDM 700
Garmin GNS 430W	PN EGT-701-4C
PN 011-01060-00	SN 24535
SN 23400584	

For details see work order. The aircraft and/or component identified above was repaired and inspected IAW current F.A.A. regulations and was found air-worthy for return to service. Pertinent details of the work order are on file at this agency.

Signature: _____



DATE

TOTAL TIME IN SERVICE

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

South Georgia Aero LLC

5940 Knowles Road
Blackshear, GA 31516
(912)-288-9892

Date: 3-18-24
N: N778RD
Model: 177B
S/N: 17702550
TTAF: 5972
TACH: 1545.6
Hobbs: 1832.8
LOG: AIRFRAME

Performed annual inspection in reference to Cessna 177B inspection guid, and FAR43.13. Removed interior from aircraft removed all inspection panels performed visual inspection of airframe and engines. Lubricated all pulleys and hinge points, rod end, and bellcranks. performed power on check. Removed battery and charged. jacked aircraft and repacked wheel bearings. Serviced brake master cylinders. performed visual inspection of landing gear, and components. performed ELT inspection Per FAR 91.207(D). Installed new instrument air filters P/N:(RA-D9-18-1), and new P/N:(RAB-3-5-1). Reinstalled interior and all inspection panels. All ADs complied with through this date. (See AD lists) washed engine and cowl and performed post inspection run-up operation check normal. I certify this airframe has been inspected IAW an annual inspection, and was found to be in an airworthy condition.

—end—



Ryan L. Carter
A&P/IA 3866895



Removed cessna shimmy damper. And installed new lord mount shimmy damper P/N:(SE-1088-1). Operation check normal.

5940 Knowles Road
Blackshear, GA 31516
(912)-288-9892

Date: 04-27-24
N: 778RD
Make: cessna
Model: 177B
S/N: 17702550
Hobbs: 1847.2
Log: airframe



Ryan L. Carter
A&P/IA 3866895

SUB-TOTAL this page

TOTAL—Carry forward to next page

