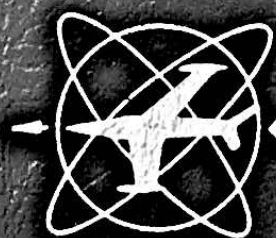


N316DF

LOG 2



The Standard

AIRCRAFT LOG

ASA-SA-2


YEAR 20 _____ 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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Lowe Aviation Company

Macon, Georgia

<u>Aircraft Registration</u>	N316DF	<u>Date</u>	5/10/2012
<u>Model</u>	58	<u>Work Order</u>	12599
<u>Serial Number</u>	TH-1817	<u>Hobbs</u>	2919
		<u>AFTT</u>	2919

Cleaned and repacked wheel bearings. Greased gear. Performed retract. Serviced brakes. Cleaned fuel screens. Lubricated all flight controls. Serviced aircraft battery. Complied with FAR 91.207D, battery expires 03/2013. Replaced left nav bulb. Replaced left and right brake disc. Replaced nose tire. Repaired left outboard flap bumper bracket. Complied with SB 55-4089 by inspection. No defects. Replaced air conditioner compressor, low pressure switch, receiver dryer and belt. Serviced with freon. This aircraft has been inspected in accordance with an annual inspection and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 12599.



Nick Porcel

FAA Repair Station # ETER699D

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT

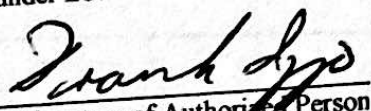
Lowe Aviation Co. – Macon, GA
FAA REPAIR STATION ETER699D

N 316DF

Altimeter P/N 066-3062-08 S/N 3806

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 05/11/2012. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 22,000 ft. on this date 05/11/2012.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 36992


Signature of Authorized Person

Lowe Aviation Co. Macon, GA
FAA CRS ETER699D

N- 316DF Date- 05/11/2012

I certify that the Transponder listed below has been tested and found to comply with FAR 91.413.

Model - KT-70 S/N- 12652

The aircraft and/or component listed above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order # 36992


Authorized Signature

Tests, Repairs and Alteration

, Rating and Certificate Number of
Check pages for other specific entries.)


Lowe Aviation Co. – Macon, GA
FAA REPAIR STATION ETER699D

N 316DF

Altimeter P/N 5934-3 S/N 4K263

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 05/11/2012. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 22,000 ft. on this date 05/11/2012.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 36992


Signature of Authorized Person.

[illegible]

YEAR 20____ 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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Lowe Aviation Company

Macon, Georgia

Aircraft Registration

N316DF

Date

9/2/2014

Model

58

Work Order

13638

Serial Number

TH-1817

Tach

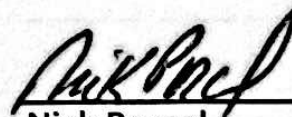
3005

AFTT

3005

Cleaned and repacked wheel bearings, Greased gear, Performed retract test. Replaced left outboard fuel drain valve. Replaced left propeller brush block assembly. Replaced 1ea instrument panel shock mount. Replaced aileron trim bolt. Cleaned air compressor clutch and serviced system. Replaced right strut seals. Replaced left engine forward baffle seals. Replaced left landing light breaker switch. Installed serviceable ELT 110-4 S/N 361391-072. Replaced ELT battery, expires June 2016. Complied with FAR 91.207D. Rigged flaps in accordance with maintenance manual. Cleaned battery box. Complied with AD 2013-16-01 by inspection, no defects. Complied with AD 2004-21-05 PDT and inspection.

This aircraft has been inspected in accordance with an annual inspection. and found to be airworthy. Details are on file under Lowe Aviation Co. work order # 13638.



Nick Porcel

FAA Repair Station # ETER699D

Lowe Aviation Co. - Macon, GA
FAA CRS ETER699D

N 316DF

Altimeter P/N 5934-3 S/N 4K263

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 09/02/14. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 20,000 ft. on this date 09/02/14.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 13638.



Signature of Authorized Person.

Lowe Aviation Co. - Macon, GA
FAA CRS ETER699D

N 316DF

Altimeter P/N 066-3062-00 S/N 3806

The Altimeter and Static System test required by FAR 91.411 has been performed on this date 09/02/14. Altimeter has been tested in compliance with FAR 43 Appendix "E" to 20,000 ft. on this date 09/02/14.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order no. 13638.



Signature of Authorized Person.

Lowe Aviation Co. Macon, GA
FAA CRS ETER699D

N- 316DF

Date- 09/01/2014

I certify that the Transponder listed below has been tested and found to comply with FAR 91.413.

Model - KT-70 S/N- 12652

The aircraft and/or component listed above was repaired and/or inspected in accordance with current FAA regulations and found to be airworthy for return to service with respect to the work performed. Details are on file under Lowe Aviation Co. work order # 13638.



Authorized Signature

YEAR 20 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.)
11/23/14	Am 3039.9			Replaced Main gear tires & tubes. Cleaned & packed wheel bearings.
12/28/14	Am 3079.2			Replaced Rt. Pneumatic Pump #1 442CW-12 S/N 159135 by Repco #40#159135. Replaced Rt. fuelers #1 ICA 09-14-5 Inlet, & ICA 184-7 Inlet. Set Both L & R Press Regulators to 5 PSI. Repairs & ops good. Tire boot good. Replaced Radome Inversion boot at PM Research PM 31.
				CL Stallings ASP495605041
1/22/15	Am 3082.5			R & R'd Shadin Digidata for repair by Shadin Avionics under #10#TT6438. PIN 912802 S/N 516 software 93.10.23. CL Stallings ASP495605041
3/28/15	Am 3094.8			Replaced Rt. Wingtip nav lenses & rt land lite lense. CL Stallings ASP495605041
5 Sept 2015				

YEAR 20____ 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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Southern Avionics & Communications



2495-A Michigan Ave
Mobile, AL 36615
FAA RS# HW4R427M

Date: 2/03/2015; Aircraft: N316DF; Type: BARON 58; S/N: TH-1817; Total Time:
Shop Order #: 97821

Removed radar indicator, KX 165 Nav/Com, KLN90B GPS and antenna. Provided and installed Garmin GTN 750 WAAS GPS/Nav/Com P/N 011-02282-00, S/N 1ZA014490 and GA35 WAAS GPS Antenna P/N 013-00235-00, S/N 112140. The GTN 750 is interfaced to the KCS 55A system, Shadin Digidata, Argus 5000, WX1000E, KMA 24 audio panel and radar. Wiring and checkout were completed using Garmin Installation Manual p/n 190-01007-A3, Revision 8, dated November 2014. FAA Form 337 filed and Weight & Balance/Equipment list has been amended.

Technician: D. DeVilbiss

Inspector: *J. J. J. J.*

YEAR 20____ 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.)
				<div data-bbox="277 362 695 511" data-label="Image"> </div> <div data-bbox="466 308 1549 370" data-label="Section-Header"> <h2>Southern Avionics & Communications</h2> </div> <div data-bbox="825 381 1226 514" data-label="Text"> <p>2495-A Michigan Ave Mobile, AL 36615 FAA RS# HW4R427M</p> </div> <div data-bbox="283 586 1728 677" data-label="Text"> <p>Date: 2/03/2015; Aircraft: N316DF; Type: BARON 58; S/N: TH-1817; Total Time: Shop Order #: 97822</p> </div> <div data-bbox="283 722 1877 860" data-label="Text"> <p>Provided and installed Radar unlock feature for the GTN 750 to display on board weather radar and configured GTN 750 to display radar information. Checkout was completed using Garmin Installation Manual p/n 190-01007-A3, Revision 8, dated November 2018.</p> </div> <div data-bbox="287 906 741 950" data-label="Text"> <p>Technician: D. DeVilbiss</p> </div> <div data-bbox="823 906 1010 950" data-label="Text"> <p>Inspector:</p> </div> <div data-bbox="1010 901 1409 983" data-label="Text"> <p><u><i>[Signature]</i></u></p> </div>


YEAR 20 _____ 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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Southern Avionics & Communications

2495-A Michigan Ave
Mobile, AL 36615
FAA RS# HW4R427M

Date: 2/03/2015; Aircraft: N316DF; Type: BARON 58; S/N: TH-1817; Total Time: 3083.70
Shop Order #: 97864
Performed radar interface stabilization calibration per MM# 006-00643-0004 Rev. 4
10-1995. Ramp checked and verified proper operation.

Technician JH

Inspector 

YEAR 20 ____ 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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Southern Avionics & Communications

2495-A Michigan Ave
Mobile, Al 36615
FAA RS# HW4R427M

Date: 3/10/2015; Aircraft: N316DF; Type: BARON 58; S/N: TH-1817; Total Time:
Shop Order #: 98012

Updated the GTN-750 s/n: 1ZA014490 to the latest software version in accordance with
Garmin's Service Bulletin number 1466 Rev. B dated Jan 14, 2015.

Technician: C.B.F.

Inspector: _____

YEAR 20 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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5/14/15 1 hr 3117.2 Replaced Rt. oil pressure/air temp indicator w/ New 102-380014-3, S/N 605-11465. Removed S/N E97140. Replaced Lt. Wingtip & Land Lite lenses. (C. Stallings AIP45605001-
~~2015~~

1 Oct 2015 Replaced Lt. Fuel pump w/ 442CW-12 S/N 633240. Installed new Pressure inlet filter
 HX31545 Reengine ground & tail noisep housing. Cleaned & packed wheel bearings - lubed
 gear. Reconditioned deice boots. Jacked & fixed up Lt. fuel selector & cable. Repaired
 AC Condensor blower fuse holder. Inspected EET 110-4 S/N 361391 1KW 91.207. June 16 batt date.
 I certify this aircraft has been inspected /AW An Annual Inspection & determined to be in
 Airworthy condition - C. Stallings AIP45605001-1

YEAR 20 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.)
21 Dec 2015	HM 3227.2			Replaced Rt main tire w/ 650x8 ply Michelin Air Cl Stallings APP495605041
21 Jan 2016	HM 3242.4	RTRK HSI PM 066-3046-07 SN 85227		for repair by Port Street under w/o # 101526 Cl Stallings APP495605041
12 APR 2016	HM 3263.0			Replaced LM tire w/ 650x8 ply Michelin Air Cl Stallings APP495605041
5 Sept 2016	HM 3300.5	RTRK K1256 SN 18073		Go. O/H by Porter Straight w/o # 102074. Replaced Spring checks in Pneumatic Manifold PM 50-304473-47. Cl Stallings APP495605041
26 Oct 2016	HM 3389.1			Replaced brake bearings. Replaced bottom beacon lamps. Replaced flap up stop bumpers & rigged flaps. Lubed gear & uplock rollers. IAW AD 20070808 C/w Hater AD 2004-21-05 by P.D. To Hater 1666 BSA 1 ECT Inspected IAW 91.2072 satisfactory. I certify this aircraft has been inspected IAW An Annual Inspection & determined to be in Airworthy condition. Cl Stallings APP495605041
7 Mar 2017	HM 3400.5			Replaced Lt. fuel boost pump w/ 4404-00-7NV SN 8382, Supplied by Aerovators under w/o # 11608228. Ops check OK Cl Stallings APP495605041
5 July 2017	HM 3419.9	CW SB 27-4136		Control Column Hardware Replacement. Cl Stallings APP495605041
Oct 2017	HM 3438.5			Replaced Wing gear tires w/ 650x8 ply Michelin tires & Jabs. Cleaned & painted wheels. C/w AD 20070808 (uplock roller) C/w AD 2004-21-05 by P.D. & replace heater spark plug. I certify this aircraft has been inspected IAW An Annual Insp & determined to be in Airworthy Condition. Cl Stallings APP495605041

Holder
Aviation

Reg. No.: **N316DF**

Model: **58**

W. O. No.: **16-0124**

Tach/Hobbs:

Serial No.: **TH-1817**

Removed KT 70 Transponder P/N 066-01141-0101 S/N 12652. Installed Garmin GTX 345 ADS-B Transponder P/N 011-03302-00 S/N 3EG003229 I A W Garmin AML STC SA01714WI Installation Manual NO. 190-00734-10 Rev. 6. FAA Form 337 was completed and submitted. Weight and balance change was negligible. GTN 750 software was upgraded to Ver 6.21 I A W Garmin TSO Service Bulletin no. 1655 Rev. A and STC Service Bulletin no. 1656 Rev. A. Performed Altimeter Check, Encoder Correlation check, and static system integrity check I A W 14CFR Part 43 appendix E to comply with 14CFR 91.411. Performed Transponder test I A W 14CFR Part 43 appendix F to comply with 14CFR 91.413. No defects noted. Altimeter P/N 066-3062-00 S/N 3806, Stby Altimeter P/N 5934-3 S/N 4K263, GTX 345 Transponder P/N 011-03302-00 S/N 3EG003229.

The aircraft or appliance (s) identified above was maintained and inspected in accordance with current F.A.A. Regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under the above referenced work order number.

Date: 10/26/2016

Signature: 

Holder Aviation, Inc.
7300 Old Acton Road
Moody, AL 35004
CRS# 9HLR596B

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

ACR ELECTRONICS, Inc.
Fort Lauderdale, FL 33312 CAGE Code: 18560

ARTEX PRODUCTS

BATTERY PACK: ELT 110-4

PART NO: 452-0130 REV. N

S.N.: 375737-033

EXP. DATE: **OCT/2020**

ENV CATC1A/DO183/XXXXXXXXBB888 TSO C91a

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

E.L.T. BATTERY

REPLACEMENT DATE

N316DF
OCT 2020

