

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

Cessna A185F
N5418E
S/N 18503968

**AIRFRAME
MAINTENANCE
RECORDS**

LOG BOOK #3

AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N5418E

Aircraft Mfg. Cessna Model A185F Serial No. 18503969

Engine Mfg. Continental Model ID550D13B Serial No. 1007348

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCawley Model D3A34C401-C Serial No. _____

Hub Design No. _____ Hub Serial No. 120238

Blade Design No. Model H-90 DPA-8 Blade Serial No's. AFD 26031

AGD 26094

AGD 26096

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
P.O. 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			
3/23/2013			<p style="text-align: right;"><i>Airframe</i></p> <p>- last entry N5418E C-185 Logbook #2 dated 7/31/2012 total time 1532.6</p>
			<p style="text-align: center;"><i>Stephen A. Holmes</i> <i>President - Gulf Coast Aviation, Inc</i> <i>Owner - C-185 N5418E</i> <i>S. A. Holmes 3/23/2013</i></p>
/			

SUB-TOTAL this page

TOTAL-Carry forward to next page



N5418E
Cessna A185F
S/N 18503968

Airframe Book Log Entry

Total Time: 1571.1
Tach Time: 0.0
Date: March 23, 2013

Maintenance Performed:

1. Removed McCauley Propeller Model # D3A34C403; S/N 793054;
2. Removed McCauley Propeller Governor; Model #C290D3 S/N 793946G;
3. Removed Continental Engine Model # IO520D; S/N 572460;
4. Removed Engine Mount P/N 0751007-16; S/N K0385;
5. Removed Left Wing Assembly;
6. Removed Right Wing Assembly;
7. Removed Windshield;
8. Removed JPI 930 S/N 02865 and sent to JPI Instruments for reconfiguring parameters as per Bonaire Flight Manual Supplement Engine Limitations;

NOTE: JPI reset Tach Time to 0.0 hours. Hobbs Time remained a 1571.1

9. Installed repaired Engine Mount P/N 0751007-16; S/N K0385 (Refer to FAA Form 337, dated 10/18/2012 for engine mount repair);
10. Installed New "0" time Continental Engine Model # IO550D13B, S/N 1007348, per Davis Aviation Services STC SA2933SO in accordance with Bonaire Aviation Instructions Document # BOAC 1009 Revision D, dated 11-01-1998.
11. Installed New "0" time McCauley Propeller Governor Model Number C290D3-R/T19; Cessna P/N C161031-0110; S/N 120242 (ref: FAA Form 337 dated 03/23/2013);
12. Installed New "0" time McCauley Propeller Model # D3A34C401/90DFA-8; P/N P4014808-14; S/N 120238 per Davis Aviation Services STC SA2933SO in accordance with Bonaire Aviation Installation Instructions Document # BOAC 1009, Revision D, dated 11/01/1998 (ref: FAA Form 337 dated 03/23/2013);
13. Installed and adjusted New McFarland Throttle Control Cable P/N MC9863056-5
14. Installed and adjusted New McFarland Mixture Control Cable P/N MC9862066-3
15. Installed and adjusted New McFarland Propeller Control Cable P/N MC345-085-7
16. Installed Oregon Aircraft Design New Engine Mount Heat Shields in accordance with STC # SA00496SE Installation Instructions II185 revision B, dated 05/12/1999 and drawing DR185IN1 (ref: FAA Form 337 dated 03/23/2013)
17. Installed original Windshield;
18. Installed Left Wing Assembly with new wing attachment hardware,
19. Installed Right Wing Assembly with new wing attachment hardware
20. Installed New McFarland Aileron Carry Through Cable P/N MC0510105-13
21. Installed New McFarland Aileron Direct Cable P/N MC0510105-222
22. Complied with cable rigging and adjustments of all flight controls.
23. Installed New right wing Aero Flash PMA Wing Strobe Light Power Supply P/N 152-0010 S/N J1302404;
24. Installed New left wing navigation light bulb P/N NLI-7512-24,
25. Installed newly fabricated left hand landing gear brake line, leak checked and bleed left and right brakes.
26. Installed JPI 930 S/N 02865.
27. Installed New Air Forms Engine Baffles;
28. Installed New Air Induction cowling hose P/N 165044-1 ;
29. Serviced Challenger Air Filter as per Challenger service instructions;
30. Installed New engine Flammable Liquid Hoses;
31. Installed New Air Duct Hoses in engine compartment;
32. Installed New Air Duct Hoses in cabin;
33. Performed engine ground run up and leak checked all hoses and fittings;
34. Installed engine cowlings.
35. Complied with AD 2011-10-09; Seat Rail / Track Inspection. No defects noted at this time. Next due @ 1671.1 hours or 03/23/2014
36. Revised aircraft equipment list;
37. Installed Bonaire Flight Manual Supplement in Pilot Operating Handbook;
38. Calculated new aircraft weigh and balance;
39. Complied with Annual / 100 hour Inspection IAW 14 CFR Part 43 Appendix D.

All above work complied with in accordance with Cessna 185 Service Manual P/N D2000-9-13.

I certify this Aircraft has been inspected and/or repaired in accordance with current requirements of the Federal Aviation Administration regulations for an Annual / 100 hour Inspection and has been found to be in an Airworthiness Condition and is Approved for Return to Service.

Stano Neurrigo
Technicians Signature

A18503968 JA
Certificate Type & Number

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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GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

<p><u>N5418E</u> <u>Cessna A185F</u> <u>S/N18503968</u> <u>W/O # 5418E0513</u></p>	<p>Airframe Log Book Entry Maintenance Performed</p>	<p>Total Time: <u>1597.6</u> Tach Time: <u>24.7</u> Date: <u>May 06, 2013</u></p>
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1. Drained Engine Oil and Re-Serviced with 11 Quarts Aeroshell 100 Straight Mineral Oil.
2. Replaced Oil Filter P/N CH48109-1
3. **AD 96-12-22**, Engine Oil Filter Adapter, Not Applicable to Engine Installed.
4. Ran engine and no leaks noted at this time.
5. Replaced Hose Assembly P/N 193000-2D-0113 Manifold Pressure to Fire Wall.
6. All above work complied IAW Cessna 185 Service Manual P/N D2000-9-13

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

 Technicians Signature	<p><u>AOP 3523993</u> Certificate Type & Number</p>	 Inspectors Signature	<p><u>A.P. Jensen</u> Certificate Type & Number</p>
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GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

<p><u>N5418E</u> <u>Cessna A185F</u> <u>S/N 18503968</u> <u>W/O # 5418E0613</u></p>	<p>Airframe Log Book Entry Maintenance Performed</p>	<p>Total Time: <u>1618.1</u> Tach Time: <u>43.9</u> Date: <u>June 07, 2013</u></p>
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1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50.
2. Replaced Oil Filter P/N CH48109-1.
3. Re-Torqued Intake and Exhaust Manifolds.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

 Technicians Signature	<p><u>AOP 3523993</u> Certificate Type & Number</p>	 Inspectors Signature	<p><u>A.P. Jensen</u> Certificate Type & Number</p>
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<u>N5418E</u> <u>Cessna A185F</u> <u>S/N 18503968</u>	Airframe Log Book Entry Maintenance Performed:	Total Time: <u>1641.2</u> Tach Time: <u>65.6</u> Date: <u>July 02, 2013</u>		
<ol style="list-style-type: none"> 1. Drained engine oil and re-serviced with 11 quarts Phillips 66 X/C SAE 20W-50 2. Replaced oil Filter P/N CH48109-1. 3. Ran engine and no leaks noted at this time. 4. CW AD 2011-10-09 Inspection of Seat Track and Rollers. No defects noted. <p>Next Due 1741.2</p> <p>All above work complied with in accordance with Cessna 185 Service Manual P/N D2000-9-13.</p> <p>I certify this aircraft / engine has been inspected and/or repaired in accordance with current requirements of the Federal Aviation Administration regulations and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.</p>				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Technicians Signature </td> <td style="width: 50%; border: none;"> Certificate Type & Number </td> </tr> </table>			 Technicians Signature	 Certificate Type & Number
 Technicians Signature	 Certificate Type & Number			



<u>N5418E</u> <u>Cessna A185F</u> <u>S/N 18503968</u>	Airframe Log Book Entry Maintenance Performed:	Total Time: <u>1650.1</u> Tach Time: <u>73.9</u> Date: <u>July 11, 2013</u>		
<ol style="list-style-type: none"> 1. Removed Main Aircraft Concorde Battery P/N RG24-11, S/N 40405875, and installed New Concorde Battery P/N RG24-11, S/N 40585873. <p>All above work complied with in accordance with Cessna 185 Service Manual P/N D2000-9-13.</p> <p>I certify this aircraft / engine has been inspected and/or repaired in accordance with current requirements of the Federal Aviation Administration regulations and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.</p>				
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> Technicians Signature </td> <td style="width: 50%; border: none;"> Certificate Type & Number </td> </tr> </table>			 Technicians Signature	 Certificate Type & Number
 Technicians Signature	 Certificate Type & Number			



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GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061



LOG BOOK ENTRY

N5418E Cessna A185F S/N 18503968 W/O # 5418E0713	Airframe Log Book Entry	Total Time: 1656.3 Tach Time: 79.8 Date: July 22, 2013
Maintenance Performed		
<ol style="list-style-type: none"> Removed Tail Wheel and Tire Assembly P/N 2598, Inspected Wheel Assembly and Replaced Tire, P/N 10x350x4, 4 ply with Tube P/N 10x350x4. Reinstalled Wheel and Tire Assembly and Aired to Proper Pressure with Nitrogen. 		
All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13 and STC SA2359NM		
I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.		
 Technicians Signature	<u>AOP 3523993</u> Certificate Type & Number	 Inspectors Signature
		<u>A.P. 3527680</u> Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E Cessna A185F S/N18503968 W/O # 5418E0813	Airframe Log Book Entry	Total Time: 1671.6 Tach Time: 95.0 Date: August 08, 2013
Maintenance Performed		
<ol style="list-style-type: none"> Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard. Engine oil sample was sent to Avlab for analyzes. Replaced Oil Filter P/N CH48109-1. Ran engine and no leaks noted at this time. Complied with Tail Gear Friction Check and Lubrication Complied with AD 2011-10-09; Seat Rail / Track Inspection. No Defects Noted at this time. <p>Next due at 1771.6 hours or August 08, 2014.</p>		
All work complied with IAW Cessna Service Manual P/N D2000-9-13		
I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.		
 Technicians Signature	<u>AOP 3523993</u> Certificate Type & Number	 Inspectors Signature
		<u>A.P. 3527680</u> Certificate Type & Number

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GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E

Airframe Log Book Entry

Total Time: 1699.1

Cessna A185F

Tach Time: 121.4

S/N18503968

Date: Sept. 04,2013

W/O # 5418E0913

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

Technicians Signature

AOP 3523993
Certificate Type & Number

Inspectors Signature

A-Persono
Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E

Airframe Log Book Entry

Total Time: 1723.8

Cessna A185F

Tach Time: 144.3

S/N18503968

Date: Oct. 15,2013

W/O # 5418E1013

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

Technicians Signature

AOP 3523993
Certificate Type & Number

Inspectors Signature

A-Persono
Certificate Type & Number

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE



N5418E Cessna A185F S/N 18503968	Airframe Book Log Entry	Total Time: 1,725.2 Tach Time: 145.4 Date: December 21, 2013
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Maintenance Performed

Removed Rudder and Elevator....Removed Vertical and Horizontal Stabilizers...Removed LH and RH Horizontal Stabilizer Actuators...Installed New McFarlane Aviation, Inc. Stabilizer Jackscrew Kit P/N 1111 per FAA STC # SA2113AK Instructions REV B dated 6/01/2011 using all new attaching bolts and hardware and new actuator cover boots P/N U0712500-18 (ref. FAA 337 dated 12/21/2013) ...Rigged Horizontal Stabilizer Actuator Trim System...Installed Vertical and Horizontal Stabilizers using all new attaching bolts and hardware... Installed and Rigged Rudder and Elevator flight controls...Removed and Replaced both (2) tail wheel spring bushings with New Bushings Cessna P/N 0742180-1...Verified 2 Goodyear Aircraft Rib 8.50 X 6 Tires P/N 856C61-8 are installed in accordance with Kenmore Air Harbor STC # SA361NW Installation Instructions dated October 7, 2002.(ref. FAA 337 dated 12/07/2013).

All above work complied with in accordance with Cessna 185 Service Manual P/N D2000-9-13.
I certify this Aircraft has been inspected and/or repaired in accordance with current requirements of the Federal Aviation Administration regulations has been found to be in an Airworthy Condition and is Approved for Return to Service.

[Signature]
Technicians Signature

A7P34096952A
Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

<u>N5418E</u> <u>Cessna A185F</u> <u>S/N18503968</u> <u>W/O # 5418E0314</u>	Airframe Log Book Entry	Total Time: <u>1748.9</u> Tach Time: <u>168.0</u> Date: <u>March 13, 2014</u>
	Maintenance Performed	

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1.5 Pt. Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.
5. Complied with **AD 2011-10-09: Seat Rail / Track Insp.** No defects noted at this time. **Next due at 1848.9 hrs. or March 13, 2015**

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

[Signature]
Technicians Signature

A7P 3523993
Certificate Type & Number

[Signature]
Inspectors Signature

[Signature]
Certificate Type & Number

DATE

TOTAL
TIME
IN
SERVICE

N# N5418E

A185F

SN# 18503968

03/03/2014

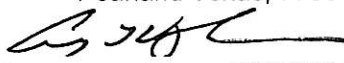
Removed United Standby Altimeter PN# 5934P-1 SN# A5681 and installed a United Altimeter PN# 5934P-3A.83 SN# 9J568. Pulled backup battery from the Standby Atth. PN# 9015607 SN# J11-10211 and charged and ran bench test IAW Mid-Continent Instruments TT43 test manual PN# 9017682 Rev B dated Aug 2012, and battery would not pass test, replaced battery with a new battery PN# 9015607 SN# B14-10355. A detailed description of the work performed can be found on WO# 130289 of this station. Installation was preformed IAW installation manuals. Ran system check on all effected systems, system checked ok. Equipment list was updated. Weight and balance was unchanged.

Von's Avionics Inc.

CRS# 9VAR151C

17781 Airfield Lane

Pearland Texas, 77581



Altimeter P/N: 5934P-3A.83

Serial Number: 9J568

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-1,010	18,000	18,025
0	0	20,000	20,080
500	505		
1,000	1,005		
1,500	1,515		
2,000	2,005		
3,000	3,010		
4,000	4,010		
5,000	5,010		
6,000	6,005		
8,000	8,000		
10,000	9,990		
12,000	11,980		
14,000	13,990		
15,000	14,995		
16,000	16,000		

Tested By: JP 834

Date: 2/25/2014

SUB-TOTAL this page

TOTAL-Carry forward to next page



Reg. #: N5418E
TACH: 173.1

Make: CESSNA
HOBBS: 1754.3

Model: A185F
Date: 3/19/2014

S/N: 18503968
W/O #: 2VT8A


SQK 1.1

Removed GDU-620. Sent unit to Garmin for warranty repair as requested. No return to service issued.

Blanking panel installed in aircraft.

GDU-620 REMOVED P/N: 011-01264-50 S/N: 165202048

A detailed record of the work performed is on file under Work Order # 2VT8A.

Signed David Boggs  David Boggs
For Duncan Aviation CRS GF2R844K Phone: 713-644-0352



Reg. #: N5418E
TAT:

Make: CESSNA
Cycles:

Model: A185F
Date: 4/25/2014

S/N: 18503968
W/O #: 2VT8A

SQK 2.1

Installed repaired unit. System ramp checked good I/A/W garmin G600/ G500 IM.

GDU-620 Installed P/N: 011-01264-50 S/N: 165202048

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # 2VT8A.

Signed Matt Lopresti  Matt Lopresti
For Duncan Aviation CRS GF2R844K Phone: 713-644-0352



N5418E Cessna A185F S/N 18503968	Airframe Book Log Entry	Total Time: 1,762.4 Tach Time: 180.8 Date: April 24, 2014
Maintenance Performed:		
<p>Complied with Annual / 100 hour Inspection IAW 14 CFR Part 43 Appendix D.</p> <p>Complied with FAR 91.207 (d) ELT Inspection / Functional Test</p> <p>Note: ELT BATTERY DUE REPLACEMENT April 2018</p> <p>All above work complied with in accordance with Cessna 185 Service Manual P/N D2000-9-13.</p> <p>I certify this Aircraft has been inspected and/or repaired in accordance with current requirements of the Federal Aviation Administration regulations for an Annual / 100 hour Inspection and has been found to be in an Airworthy Condition and is Approved for Return to Service.</p>		
<u>Thomas Ferrige</u> Technicians Signature	<u>A18510910852A</u> Certificate Type & Number	

DATE



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N18503968
W/O # 5418E0514

Airframe Log Book Entry

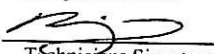
Total Time: 1775.1
Tach Time: 193.0
Date: May 14, 2014

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

A+P 3523993
Certificate Type & Number


Inspectors Signature

A+P 3523993
Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N18503968
W/O # 5418E0614

Airframe Log Book Entry

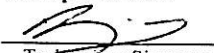
Total Time: 1801.8
Tach Time: 219.4
Date: June 9, 2014

Maintenance Performed


1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

A+P 3523993
Certificate Type & Number


Inspectors Signature

A+P 3523993
Certificate Type & Number

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N18503968
W/O # 5418E0714

Airframe Log Book Entry

Total Time: 1827.8
Tach Time: 243.8
Date: July 18, 2014

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

AP 3523993
Certificate Type & Number

Inspectors Signature

Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N18503968
W/O # 5418E0814

Airframe Log Book Entry

Total Time: 1852.8
Tach Time: 267.7
Date: August 15, 2014

Maintenance Performed

1. Complied with AD 2011-10-09: Seat Rail / Track Insp.
2. Removed and Replaced Cracked Left Hand Inboard Seat Rail.
3. Next Seat Rail / Track Insp. due at 1952.8 hrs. or August 15, 2015

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

AP 3523993
Certificate Type & Number


Inspectors Signature

A.P. 3507680
Certificate Type & Number

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>I certify that the Altimeter Static System and Altitude reporting equipment were tested and meets the requirements of FAR 91.411 and FAR 43- Appendix E.</p> <p>A/C N Number: <u>N5418E</u></p> <p>Signed: <u>[Signature]</u></p> <p>Date: <u>7-22-14</u></p> <p>Work Order Number: <u>130433</u></p> <p>VON'S AVIONICS INC. CRS# 9VAR151C 17781 AIRFIELD LANE PEARLAND TEXAS 77581</p>
			<p>I certify that the Transponder in this aircraft has been tested and Meets the requirements of FAR 91.413 and FAR 43- Appendix F.</p> <p>A/C N Number: <u>N5418E</u></p> <p>Signed: <u>[Signature]</u></p> <p>Date: <u>7-22-14</u></p> <p>Work Order Number: <u>130433</u></p> <p>VON'S AVIONICS INC. CRS# 9VAR151C 17781 AIRFIELD LANE PEARLAND TEXAS 77581</p>

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
------	-----------------------	------------------------------	---

Von's Avionics Inc. CRS# 9VAR151C
 Altimeter Scale Altimeter S/N _____
 Correction Card Part No. _____

Alt. Ft.	Reads	Alt. Ft.	Reads	Alt. Ft.	Reads
-1000	-1000	6000	5980	22000	/
0	0	8000	8000	25000	
500	500	10000	10000	30000	
1000	980	12000	12000	35000	
1500	1500	14000	14000	40000	
2000	2000	16000	15980	45000	
3000	2980	18000	17980	50000	
4000	3980	20000	20000		

Inspected and released by: [Signature]
 Date: 7-22-14 WO #: 130433
 N#: NS418E

STANDBY

Von's Avionics Inc. CRS# 9VAR151C
 Altimeter Scale Altimeter S/N _____
 Correction Card Part No. _____

Alt. Ft.	Reads	Alt. Ft.	Reads	Alt. Ft.	Reads
-1000	-1000	6000	6000	22000	/
0	0	8000	8010	25000	
500	510	10000	10000	30000	
1000	1010	12000	12000	35000	
1500	1520	14000	14000	40000	
2000	2020	16000	16000	45000	
3000	3010	18000	18020	50000	
4000	4010	20000	20000		

Inspected and released by: [Signature]
 Date: 7-22-14 WO #: 130433
 N#: 5418E

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	TOTAL -Carry forward to next page

DATE



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E

Airframe Log Book Entry

Total Time: 1870.5

Cessna A185F

Tach Time: 284.5

S/N18503968

Date: Sept. 10, 2014

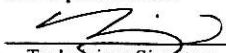
W/O # 5418E0914

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 Quarts Phillips SAE 20W-50 & 1 pint Cam Guard.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

AP 3523993
Certificate Type & Number

Inspectors Signature

Certificate Type & Number



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E

Airframe Log Book Entry

Total Time: 1889.3

Cessna A185F

Tach Time: 302.2

S/N18503968

Date: October. 24, 2014

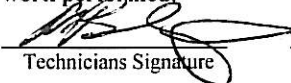
W/O # 5418E1014

Maintenance Performed

1. REMOVED TAIL WHEEL AND TIRE ASSEMBLY P/N 2598. INSPECTED WHEEL ASSEMBLY AND REPLACED TIRE. RE-INSTALLED WHEEL ASSEMBLY WITH NEW TUBE AND TIRE P/N 06-01239.
2. AIRED TO PROPER PRESSURE WITH NITROGEN.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technicians Signature

AP 3523993
Certificate Type & Number


Inspectors Signature

AP 3523993
Certificate Type & Number

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N18503968
W/O # 5418E1014

Airframe Log Book Entry

Total Time: 1891.9
Tach Time: 304.6
Date: October. 30, 2014

Maintenance Performed

1. REMOVED LEFT WHEEL AND TIRE ASSEMBLY P/N 40-75D, INSPECTED WHEEL, REPACKED BEARINGS AND INSTALLED NEW BREAK PADS P/N 066-10500. RE-INSTALLED WHEEL ASSEMBLY WITH NEW TIRE P/N 06-06820 AND TUBE P/N 06-01050.
2. REMOVED RIGHT WHEEL AND TIRE ASSEMBLY P/N 4075D, INSPECTED WHEEL, REPACKED BEARING AND INTALLED NEW BREAK PADS P/N 066-10500. RE-INSTALLED WHEEL ASSEMBLY WITH NEW TIRE P/N 06-06820 S/N 42502387 AND TUBE P/N 06-01050.
3. OPERATIONAL CHECKED GOOD
4. TIRES INFLATED TO PROPER PSI WITH NITROGEN.

All above work complied with IAW Cessna Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.


Technician Signature

AP 3523993
Certificate Type & Number


Inspectors Signature

A. P. Sorenson
Certificate Type & Number

ANSON AVIATION

Make: CESSNA
Order No.: 73108
S/N: 18503968

Model: A185F
Tach Time: 320.50

Reg. No.: N5418E
Completed: 01/09/15
TTAF: 1909.50

Removed RG24-11 battery s/n 40585873 and installed a customer-supplied RG24-11 battery s/n 40681126. Changed oil and filter.

Dave Bray A&P 307609261

Dave Bray A&P 307609261

SUB-TOTAL this page

TOTAL-Carry forward to next page



14

GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

06-01-2015 Tach 328.7 N5418E sn 18503968
TTAF 1910.30 TTENG 328.70 TTPROP 328.70

Disassembled aircraft: Removed interior as required, LH & RH wing tips, Snider speed fairings, tailwheel spring assembly, upper and lower engine cowlings, windshield, cabin side windows, cabin door windows, rudder, vertical fin, horizontal stabilizer, LH & RH elevators, LH & RH cabin steps, LH & RH flaps, LH & RH main landing gear legs, LH & RH ailerons, and pitot tube. Repaired aircraft: Installed float V-brace pn 0721105-40. Installed new windshield pn 316/CMB per STC #SA4741NM. See FAA 337 Form dated 06-01-2015. Installed new LH & RH Great Lakes Aero cabin windows pn SC-WG-1011, pn SC-WG-1012 and seals pn S-001 and pn S-002. Installed new LH & RH Great Lakes Aero cabin door windows pn SC-WG-1001. Installed new compass pn PAI-700 sn 85054. Performed compass swing. Replaced LH forward upper cabin door hinge pn 0711037-5. Replaced LH aft upper cabin door hinge pn 0711037-1. Replaced LH forward lower cabin door hinge pn 0711037-10. Replaced LH aft lower cabin door hinge pn 0711037-3. Installed jackscrew access cover pn SK185-27 at Station 225.0. Repaired lower engine cowling pn 0752031-214: Removed lower center skin pn 0752031-36, cold worked dent, and reinstalled skin. Sealed air box pn 1652013-27 with Dapco 2100 Lot # LA0709. Repaired upper engine cowling pn 0752031-84: Replaced upper skin assembly pn 0752031-50. Repaired LH wing: Replaced outboard flap track pn MC1221010-8 at Station 85.87. Replaced inboard flap track pn MC1221010-8 at Station 39.00. Installed heated pitot tube and wiring pn 0721105-42. Performed pitot leak down check IAW Barfield 1811FD procedure. Replaced leading edge air scoop pn 0722203-1-791 at Station 30.50. Cold worked dent in leading edge skin pn 0722180-69 at Station 30.00. Repaired RH wing: Replaced outboard flap track pn MC1221010-8 at Station 85.87. Replaced inboard flap track pn MC1221010-8 at Station 39.00. Cold worked dent in leading edge skin pn 0722180-70 at Station 19.50. Repaired horizontal stabilizer pn 1232000-8: Replaced flying tail closeout fairing tinnerman nut plates pn AB195-8Z1. Replaced LH & RH tips pn SA0732613-3. Repaired vertical fin pn SA0731001-19: Replaced tip rib pn 0731038-1. Replaced fin cap pn SA0731019-6. Replaced beacon Whelen pn 11-03276. Repaired tailwheel: Disassembled, cleaned, and inspected. Reassembled using pn ABI-RBK34. Replaced RH steering cable pn MC0760135-106. Replaced tailwheel spring end cap pn 0742151-2. Reinstalled tailwheel using new bushings pn 0742179-1 and pn 0742180-1. Repaired landing gear: Replaced cracked Snider speed fairings as required STC previously installed. Modified aircraft: Relocated battery and master relay to LH firewall. Installed stainless steel battery box and 2 each SBS-J16 batteries. All work IAW Structural Substantiation Engineering Report # A185F-2015-001 Rev. NC dated April 29, 2015. See FAA 337 Form dated 06-01-2015. Removed factory baggage floor. Manufactured support angles and floorboard. Installed pulley brackets, pulleys, and guards at Station 140.00 for rudder cable deflection. All work IAW Structural Substantiation Engineering Report # A185F-2015-002 Rev NC dated April 29, 2015. See FAA 337 Form dated 06-01-2015. Installed P-Ponk Aviation rudder and elevator bearings per STC # SA02266AK. See FAA 337 Form dated 06-01-2015. Installed Air Research Technology, Inc. Wing X extensions per STC # SA00276NY and installation guide 18025. Service Bulletin SB-1-96 is complete. No further action is required. See FAA 337 Form dated 06-01-2015. Installed RMD Aircraft Lightning, Inc. LH & RH wing tip kit pn RMD-001100-C IAW STC # SA4337NM and RMD installation instructions. See FAA 337 Form dated 06-01-2015. Installed Seaton Engineering Corp max pulse light control pn 9200-000-A IAW STC # SA01861SE and installation Drawing # 9150-001. See 337 Form dated 06-01-2015.

Page 2

15


Installed Mr. Thomas R. Anderson titanium main landing gear IAW STC # SA0187SE and installation instructions XP-INS-010101 Revision B dated August 4, 2014 LH XP0741001-77 sn 2014-019, RH XP0741001-88 sn 2014-020. See FAA 337 Form dated 06-01-2015. Installed McFarlane flap rollers MSK100 IAW STC # SA0174WI and SEB95-3. See FAA 337 Form dated 06-01-2015. Reassembled aircraft: Reinstalled LH & RH flaps. Rigged flap system. Reinstalled horizontal stabilizer. Rigged stabilizer trim system. Reinstalled vertical fin and rudder. Rigged rudder system. Reinstalled LH & RH elevators and LH & RH ailerons. Rigged elevator and aileron systems. Installed new LH & RH cabin entry steps pn XP 0711710-5 and XP 0711710-6. Reinstalled upper and lower engine cowlings. Reinstalled cabin doors with new pins pn S1426-1. Installed new Titanium axles pn AF1441001T sn 3 LH sn 4 RH. Performed main landing gear alignment. Installed new LH & RH LED wing tip lights pn 01-0791833. Adjusted LH & RH wing eccentrics to match. Rigged aircraft. Weighed aircraft: New empty weight: 1922.0 lbs. New empty C.G.: 37.80. New empty moment: 72605.40. New useful load: 1603.0 lbs. New gross weight 3525.0 lbs. per STC # SA00276NY. Performed annual inspection: Performed annual inspection per FAR 43 Appendix D and Cessna A185 checklist. AD's checked thru biweekly 2015-11. Performed ELT ops check per FAR 91.207 (d). Battery replacement due April 2018. Complied with AD's 98-16-04 wing strap and 2011-10-09 seat rails. Performed compression check. #1 70/80, #2 68/80, #3 66/80, #4 68/80, #5 70/80, and #6 71/80. Gapped and rotated spark plugs. Changed oil, drained, and serviced with 12 qts Phillips XC20W50 oil, installed new oil filter pn CH48109-1. Cut old filter and inspected for containments. Seat rail installation found to be airworthy. Removed nonstructural screws from seat rails. Installed AN470AD as required IAW service manual. RH upper flap pulley bracket cracked. Replaced pulley bracket pn 0512128 at Station 65.33. Cable tensions checked. Reinstalled altitude indicator pn 4300-411 sn E08-10468 after battery test performed by Von's Avionics WO# 130685. See maintenance release dated 04-23-2015. I certify this aircraft, propeller, and engine has been inspected IAW scope and detail of an annual inspection per FAR 43 Appendix D and found to be in an airworthy condition at this time.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
 Work Order # 12,157 CRS# BX4R092M

Signed



Pg 2 of 2

Date

6/2/15

Tach

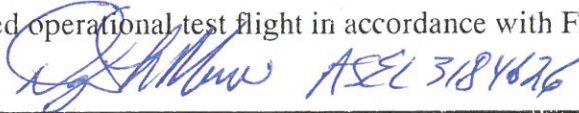
3290

N

5418E

Performed operational test flight in accordance with FAR 91.407 Paragraph (b).

Signed



ASEL 3184626

SUB-TOTAL this page

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N # N5418E
Cessna A185F
S/N: 18503968
W/O # 5418E0715

Airframe Book Log Entry

Total Time: 1925.1
Tach Time: 335.5
Date: July 10, 2015

Maintenance Performed

1. Installed STC SA 02246LA-EZ Flap Handle Extension S/N 110: In Accordance With Installation Authority and Installation Procedures C-100 Drawing # 9 Installation and Adjustment Instructions. Release Date September 10, 2010; Revision "D".
2. All Operational Checkouts good per EZ Flap Installation Procedures C-100 Step 9: Testing
3. Refer to FAA Form 337 Dated 07/14/2015

I Certify this Aircraft has been inspected and / or repaired in accordance with 14 CFR part 91.409(f)(3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respect to work performed.

[Signature]
Signature

[Signature]
Certificate Type & Number

ANSON AVIATION

Make: CESSNA	Model: A185F	Reg. No.: N5418E
Order No.: 78357		Completed: 07/30/15
S/N: 18503968	Tach Time: 349.80	TTAF:

Had oil leak on prop governor repaired at CRS#7RDR559C on W/O#15752. Installed governor after repair. Replaced the left window stay rod bushing. Cowl flap hinges do not need repair at this time.

Dave Bray A&P 3807322 *[Signature]* AIP 3807322

SUB-TOTAL this page

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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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TORNADO ALLEY TURBO INC.
300 AIRPORT RD
ADA, OK 74820

AIRFRAME LOG BOOK ENTRY
26 NOVEMBER 2015



N5418E CESSNA 185F SN: 18503968 HOBBS: 1944.3
TCM IO-550D13B SN: 1007348 ENG TT: 353.5

INSTALLED "CYCLONE" TURBO NORMALIZER SYSTEM. INSTALLATION IS COVERED AND APPROVED UNDER ENGINE TECHNOLOGY INC. STC **SE00215DE** AND STC **SA00214DE**. THE INSTALLATION WAS COMPLETED USING TORNADO ALLEY TURBO INSTALLATION INSTRUCTIONS **FT185-01 REV H 8/21/2012** MASTER DRAWING LIST **ET1185 REV J 4/29/2014** AND CESSNA SERVICE MANUALS. REFER TO ENGINE TECHNOLOGIES AIRPLANE FLIGHT MANUAL SUPPLEMENT-ETI **182-550** FOR OPERATION AND CONTINUED AIRWORTHINESS.

- INSTALLED O/H FUEL PUMP **85-6550003 S/N GP02**
- INSTALLED WASTEGATE **470908-0011 S/N H-SCN00038**
- INSTALLED O/H PRV VALVE **470944-9029 S/N MEN00101**
- INSTALLED MP CONTROLLER **470688-0005 S/N NGN00142**
- INSTALLED TURBOCHARGER **406610-0029 S/N H- SKL00067**
- INSTALLED SCAVENGE PUMP **CF101633-0032 S/N SP0507021**
- INSTALLED O/H FUEL CONTROLLER **FT-B8.5/1-442 S/N D089906A**

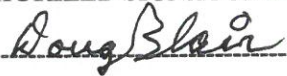
INSTALLED NEW EXHAUST MANIFOLDS, WASTEGATE MANIFOLD, CABIN HEATER, TAILPIPE, AND INTERCOOLER.
 INSTALLED ALL NEW EXHAUST PORT BASE GASKETS, FLANGE NUTS, TURBOCHARGER GASKET, AND V-BAND CLAMP.
 REMOVED 6 TCM FUEL NOZZLES AND INSTALLED TURBOGAMIJECTORS KIT # **GT16B S/N 25087 STC SE09289SC** IAW
 INSTALLATION PROCEDURE NO **IP-97-002 REV 5, 5 OCT 2005**
 MODIFIED LOWER COWLING WITH AIR SCOOP AND LOUVERS.
 REPLACED ALL FRESH AIR AND HEATER SCAT TUBING.
 UPDATED W&B AND AFMS

RUN-UP, OP'S, TEST FLIGHT, AND LEAK CHECK OK. APPROVED FOR RETURN TO SERVICE.
 AIRCRAFT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS.

WESLEY JENKINS A&P 3041696 IA

MENA AIRCRAFT PAINTING
120 AVIATION LANE, MENA AR 71953
PH#479-243-9995 FAX#479-243-9996

DATE: 1/14/16
AIRCRAFT: CESSNA 185 N#5418E S#18503968
THE ABOVE MENTIONED AIRCRAFT WAS AT MENA AIRCRAFT PAINTING FOR PAINT. THE AIRCRAFT WAS STRIPPED, PRIMED AND REPAINTED WITH SHERWIN WILLIAMS PRODUCTS. BASE COLOR: JET GLO MATTERHORN WHITE 570-535. TRIM COLORS: ACRY GLO: OCEAN BLUE 10592. TITANIUM 10679
ALL REQUIRED FLIGHT CONTROLS WERE REMOVED, CHECKED FOR BALANCE, AND REINSTALLED IN ACCORDANCE WITH CESSNA FLIGHT MANUAL.

AUTHORIZED SIGNATURE: DOUG BLAIR FILED UNDER# 896
 **MECHANIC A#3643359**

	DUNCAN AVIATION	Reg. #: N5418E	Make: CESSNA	Model: A185F	S/N: 18503968
		TAT:	Cycles:	Date: 2/18/2016	W/O #: 48NEA

GDU-620 P/N 011-01264-50 S/N 16522048

removed GDU-620. Shipped unit to Garmin for repair. Installed customer's repaired unit. Complied with Garmin SB 1303. No defects noted.

The above described repair or maintenance is approved for return to service. A detailed record is on file under Work Order # **48NEA**.

Signed  **2/1/086** Matt Lopresti

Airframe Log Book Entry

N5418E
Cessna A185F
S/N 18503968

Date: July 16, 2016
A/C Total Time: 1,962.8
Tach Time: 369.8

Maintenance Performed:

Performed annual inspection per FAR 43 Appendix D and Cessna 185A checklist. AD's checked thru June 2016. Performed ELT ops per FAR 91.207 (d). ELT Battery replacement due April 2018. Complied with AD's 98-16-04 wing strap and 2011-10-09 seat rails. Seat rail inspection found to be airworthy. Performed compression check. #1 65/80 #2 70/80 #3 70/80 #4 20/80 #5 65/80 #6 75/80. Removed spark plugs. Gapped and installed new Champion RHB32E spark plugs. Drained oil and serviced with 12 qts Aero Shell 100W Plus 50 wt. Installed new CH48109-1 oil filter. Took oil sample for testing and cut open filter and inspected for contaminates. None found.

I certify this Aircraft has been inspected in accordance with FAR 43 Appendix D and current requirements of the Federal Aviation Administration regulations and has been found to be in an Airworthy Condition and is Approved for Return to Service.

Thomas Perrigue

Thomas E. Perrigue A&P 3409695 IA



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N 18503968
W/O # 5418E0716

Airframe Log Book Entry

Total Time: 1962.8
Tach Time: 369.8
Date: July 16, 2016

Maintenance Performed

- Removed existing lighting dimmer unit and replaced with new CLA 500 dimmer unit, P/N 805000. Installation was determined to be a minor alteration and work was performed IAW CLA500 Multi Circuit - Solid State Cockpit Lighting Assembly Installation / Owner's Manual IMCLA500.701026 - Dated Dec. 1994 - Rev 0 and 14 CFR Part 43.1(a) (1). No change to existing circuit breaker.

I certify this aircraft has been inspected and/or repaired in accordance with current requirements of the Federal Administration Regulations and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

Tom Perrigue
Technicians Signature

A&P 3409695
Certificate Type & Number

Robert W. [Signature]
Inspectors Signature

AP 2711842
Certificate Type & Number

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DA



GULF COAST AVIATION, INC.
7930 AIRPORT BLVD
HOUSTON, TX 77061

LOG BOOK ENTRY

N5418E
Cessna A185F
S/N 18503968
W/O # 5418E1016

Airframe Log Book Entry

Total Time: 1997.8
Tach Time: 403.4
Date: Oct. 7, 2016

Maintenance Performed

1. Drained Engine Oil and Re-Serviced with 11 AeroShell W100 Plus Aviation Oil SAE 50.
2. Engine oil sample was sent to Avlab for analyzes.
3. Replaced Oil Filter P/N CH48109-1.
4. Ran engine and no leaks noted at this time.

All above work complied with IAW Cessna 185 Service Manual P/N D2000-9-13

I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.

[Signature]
Technicians Signature

AP2896464
Certificate Type & Number

Inspectors Signature

Certificate Type & Number

ANSON AVIATION

Make: CESSNA
Order No.: 93480
S/N: 18503968

Model: A185F Reg. No.: N5418E
Completed: 02/17/17
Tach Time: 443.60
TTAF:

Replaced alternator belt. Had turbocharger shroud repaired at CRS#F8VR2340. Replaced SCEET hose from inlet scoop to compressor. Straightened cable and several pieces of sheet metal to make heater controls work again. Replaced shock mount on left cowl flap. Put in ten qt.s A.S. 15w50 oil.

Changed oil & filter - Aeroshell 100 Plus 15W50 A&P

Dave Bray A&P3807322
Dave Bray A&P3807322

SUB-TOTAL this page

TOTAL-Carry forward to next page

DATE



GULF COAST AVIATION, INC.
 7930 AIRPORT BLVD
 HOUSTON, TX 77061

LOG BOOK ENTRY

<p>N5418E Cessna A185F TCM IO-550D13B W/O # 5418E0517</p>	<p>Engine Log Book Entry S/N 18503968 S/N 1007348</p>	<p>Hobbs: 2078.6 Tach Time: 478 Date: May 9, 2017</p>
Maintenance Performed		
<ol style="list-style-type: none"> 1. Drained Engine Oil and Re-Serviced with 11 Quarts Shell SAE W-100 Plus. 2. Engine oil sample was sent to Avlab for analyzes. 3. Replaced Oil Filter P/N CH48109-1. 4. Removed "Oil in Check Valve" on the turbine. Cleaned, verified 10 psi setting and reinstalled. 5. Removed "Oil Return Check Valve" on the turbine. Cleaned, verified .5 psi setting and reinstalled. 6. Ran engine and no leaks noted at this time. 		
<p>All above work complied with IAW Cessna Service Manual P/N D2000-9-13</p> <p>I certify this aircraft has been inspected and/or repaired in accordance with 14 CFR part 91.409 (f) (3) and has been found to be in an Airworthiness Condition and is Approved for Return to Service with respected to the work performed.</p>		
<p><i>[Signature]</i> Technicians Signature</p>		<p><u>AP2896464</u> Certificate Type & Number</p>




<p>N5418E Cessna A185F S/N 18503968</p>	<p>Airframe Book Log Entry</p>	<p>Total Time: 2,049.0 Tach Time: 450.0 Date: March 17, 2017</p>
Maintenance Performed		
<ol style="list-style-type: none"> 1. Removed Garmin GMX200 P/N 011-01465-00, S/N 38400667 and sent to Garmin for repair. 2. Reinstalled Garmin GMX200 P/N 011-01465-00, S/N 38400667 after repair by Garmin International Certificate # G6XR582Y. 3. Reloaded all programs and software updated, Operational checks good. 		
<p><i>[Signature]</i> Technicians Signature</p>		<p><u>AP2711842</u> Certificate Type & Number</p>

	SUB-TOTAL this page
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GARMIN[®]

FAA UNIT SERVICE REPORT

RMA NUMBER	UNIT NAME	SERIAL NUMBER	UNIT NUMBER
91302911	GDU620 Blk	165202048	011-01264-50
SERVICE START DATE	SERVICE COMPLETION DATE	RETURNED TO SERVICE BY	Service Request Number
11/10/2016	11/11/2016	7490	

UNIT DISCREPANCY

Both displays distort at the same time. Please expedite.

REPAIR SUMMARY

Confirmed the return issue. Repaired Main board to correct the return issue. Confirmed all applicable hardware modifications are installed. Updated software to the latest version. Unit passes all tests and is operating within normal limits. OK to return to Service.

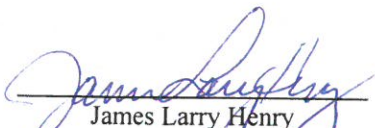
Operating software for this unit must be reloaded using the approved aircraft system software once the unit is reinstalled in the aircraft in order to complete the return to service process. Correct loading of this software can be verified by referring to the appropriate avionics/line maintenance manual.

The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00601-10 Rev- 1, Revision Date 2/12/2014.

Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information.

FAA Approved Product

This appliance has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. The details of the repairs to this appliance are on file at this repair station under the above listed RMA Number

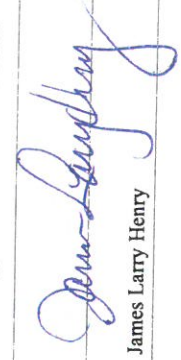

James Larry Henry
FAA Certified Repairman

11/11/2016
Date



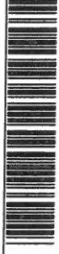




3793446
Certificate Number

FAA Repair Station Number
G6XR582Y

Warranty Information

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: RMA 91302911	
4. Organization Name and Address: GARMIN International 1200 E 151st Olathe, KS 66062		Certificate No. G6XR582Y		5. Work Order/Contract/Invoice Number: RMA 91302911	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
I.	GDU620 Blk	011-01264-50	1	165202048	REPAIRED
12. REMARKS: Confirmed the return issue. Repaired Main board to correct the return issue. Confirmed all applicable hardware modifications are installed. Updated software to the latest version. Unit passes all tests and is operating within normal limits. OK to return to Service.					
Operating software for this unit must be reloaded using the approved aircraft system software once the unit is reinstalled in the aircraft in order to complete the return to service process. Correct loading of this software can be verified by referring to the appropriate avionics/line maintenance manual.					
The work that was performed on this unit was done to meet the requirements of all sections of the maintenance manual part number 190-00601-10 Rev- 1, Revision Date 2/12/2014. Thank You for Choosing Garmin! If you have any questions or concerns please do not hesitate to contact our customer service department at 1-800-800-1020. Please view Garmin's web site at www.garmin.com for any update or product information.					
13a. Certifies the items identified above were manufactured in conformity to:					
<input type="checkbox"/> Approved design data and are in condition for safe operation		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service		<input type="checkbox"/> Other regulations specified in Block 12	
<input type="checkbox"/> Non-approved design data specified in block 12		N / A		Certifies that unless otherwise specified in block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
13b. Authorized Signature	N / A	13c. Approval/Authorization No.:	14b. Authorized Signature:		
		N / A			
13d. Name (Typed or Printed)	N / A	13e. Date (dd/mm/yyyy)	14d. Name (Typed or Printed)		
		N / A	James Larry Henry		
			14c. Approval/Certificate No.:		
			G6XR582Y		
			14e. Date (dd/mm/yyyy)		
			11 Nov 2016		
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the Airworthiness Authority of the country specified in block 1.					
Statements in Block 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

GARMIN INTERNATIONAL RMA RECEIPT TRAVELER

RMA Num	 91302911		Order Type	RMA Repair GI
Entered Date	08-NOV-16		Entered By	BOTEFURK
Receipt Date	10-NOV-16		Received By	Barry Medeiros
Receive From	 0006800		Receipt Num	2731170
Ship To	DUNCAN AVIATION INC 8915 RANDOLPH, HOBBY AIRPORT, HOUSTON, HARRIS, TX, 77061, United States			
Customer Notes	FEDEX-Air-NEXT DAY BY 10:30 AM			
Warehouse Notes				
Line Num	001	Line Type	 R-REPAIR	
Item Num	 RGDU620	Extended Price	 960.00	
Item Description	Repair of GDU 620	Reason Code	*G1 RETURN	
Qty	1	UOM	Each	Reason Desc
Notes	both displays distort at the same time Please expedite CONNECTOR-COVER/ DATA CARD			
 :	 165202048		 RGDU620	
INSPECTION				
Inspector		Inspection Date		
Quantity/Amount Accepted		Acceptance Code		
Quantity/Amount Rejected		Rejection Code		
Quantity Returned to Receiving Department				
DELIVERY				
Qty		Sub-Inventory	Locator	Transacted By

MAA

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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TOTAL brought forward from previous page

Von's Avionics Inc. **MAIN** CRS# 9VAR151C
Altimeter Scale Altimeter S/N RAN IN AIC
Correction Card Part No. _____

Alt. Ft.	Reads	Alt. Ft.	Reads	Alt. Ft.	Reads
-1000	<u>-1010</u>	6000	<u>6000</u>	22000	_____
0	<u>30</u>	8000	<u>8000</u>	25000	_____
500	<u>480</u>	10000	<u>10000</u>	30000	_____
1000	<u>990</u>	12000	<u>11980</u>	35000	_____
1500	<u>1480</u>	14000	<u>13980</u>	40000	_____
2000	<u>1980</u>	16000	<u>15980</u>	45000	_____
3000	<u>3000</u>	18000	<u>17990</u>	50000	_____
4000	<u>4000</u>	20000	<u>19960</u>		

Inspected and released by: John Naylor
 Date: 6-9-17 WO#: 131325
 N#: N5478E

Von's Avionics Inc. **BACK-UP** CRS# 9VAR151C
Altimeter Scale Altimeter S/N RAN IN AIC
Correction Card Part No. _____

Alt. Ft.	Reads	Alt. Ft.	Reads	Alt. Ft.	Reads
-1000	<u>-1000</u>	6000	<u>6020</u>	22000	_____
0	<u>0</u>	8000	<u>8020</u>	25000	_____
500	<u>510</u>	10000	<u>10000</u>	30000	_____
1000	<u>1010</u>	12000	<u>12000</u>	35000	_____
1500	<u>1520</u>	14000	<u>14000</u>	40000	_____
2000	<u>2020</u>	16000	<u>16000</u>	45000	_____
3000	<u>3020</u>	18000	<u>18000</u>	50000	_____
4000	<u>4020</u>	20000	<u>20060</u>		

Inspected and released by: John Naylor
 Date: 6-9-17 WO#: 131325
 N#: N5478E

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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>I certify that the Transponder in this aircraft has been tested and Meets the requirements of FAR 91.413 and FAR 43- Appendix F. A/C N Number: <u>NS192E</u></p> <p>Signed: <u>[Signature]</u> Date: <u>6-9-17</u> Work Order Number: <u>131325</u></p> <p>VON'S AVIONICS INC. CRS# 9VAR151C 17781 AIRFIELD LANE PEARLAND TEXAS 77581</p>
			<p>I certify that the Altimeter Static System and Altitude reporting equipment were tested and meets the requirements of FAR 91.411 and FAR 43- Appendix E.</p> <p>A/C N Number: <u>NS418E</u></p> <p>Signed: <u>[Signature]</u> Date: <u>6-9-17</u> Work Order Number: <u>131325</u></p> <p>VON'S AVIONICS INC. CRS# 9VAR151C 17781 AIRFIELD LANE PEARLAND TEXAS 77581</p>

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	TOTAL -Carry forward to next page