

ENGINE LOG
EF5-1

ENGINE DESCRIPTION

MANUFACTURER CONTINENTAL MODEL IO-520-BB

SERIAL NUMBER 578354 DATE OF MANUFACTURE 1988

RATED BHP _____ RPM _____ MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

CE-1235

3-24-88

0:00

1

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

4/14/88

Oil changed at 9.6 hrs.
total time and replaced
with Phillips 20W-50 Multi Viscosity
Mineral Oil. Aircraft ground
run and checked for leaks.

Robert G. Boring

ATD 174361430

13

DATE: APRIL 30, 2001

N1235C

TACH: 462.0, TTSN: 462.0

- 1) ENGINE COWL REMOVED AND A 100 HOUR INSPECTION PERFORMED USING THE MANUFACTURERS CHECKLIST AS A GUIDE.
- 2) SPARKPLUGS REMOVED, CLEANED, GAPPED AND ROTATED & REINSTALLED WITH NEW CHAMPION GASKETS M-673, IGNITION LEADS CHECKED, INCLUDING MAG TIMING. NO DEFECTS WERE NOTED.
- 3) CYLINDER COMPRESSION CHECKED AS FOLLOWS: #1 80/75, #2 80/76, #3 80/76, #4 80/76, #5 80/78, #6 80/75.
- 4) OIL CHANGED, AEROSHELL 100W ADDED TO SUMP. OIL FILTER CHANGED TO CH48109. OLD FILTER OPENED AND EXAMINED FOR METAL AND OTHER CONTAMINANTS, (NONE WERE FOUND).
- 5) ENGINE WAS GROUND OPERATED WITH ALL SYSTEMS OPERATING NORMAL AND IS APPROVED FOR RETURN TO SERVICE.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

WBCamp Jr

A&P 249486536

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

6-22-01 490.3

DRAINED AND SERVICED ENGINE WITH 11 QTS AEROSHELL
50 W OIL, REMOVED, INSPECTED AND REPLACED OIL
FILTER. CLEANED ENGINE AND COWLING. GROUP AAN Insp
NO LEAKS. Robert A. W. W. N/A 171545825



Date: 10-02-01 N Number: N1235C

Tach: 549.0

Description of Work Performed:

Changed oil and Filter using 11 quarts of Aeroshell 50 weight oil. Washed and ran engine to check for leaks and performance. Found normal and returned to service.

Jay C. Harper AP 607055663

1. UNITED STATES		2. FAA FORM 8130-3 Airworthiness Approval Tag U.S. Department of Transportation Federal Aviation Administration		3. System Tracking Reference Number A-166805		
4. Organization Aero Electric, Inc. 3414 W. 29th Street South Wichita KS 67217				5. Work Order Contract or Invoice Number A-191837		
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work
1	ALTERNATOR	646843	To be verified by installer	1	A-166805	OHC
13. Remarks SEE W/O. OVERHAULED & CERTIFIED IN ACCORDANCE WITH OM X30531-3						
"Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and with respect to the work the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA.4033" Limited life parts must be accompanied by maintenance history including total/time cycles/time since new.						
14. New ☐ Newly Overhauled ☐			19. Return to Service in Accordance with FAR 43.9			
Certifies that the new or newly over hauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. Note: In case of parts to be exported, the special requirements of the importing country have been met.			Certifies that the work specified in Block 13 (or attached) above was carried out in accordance with FAA Airworthiness regulations and in respect to the work performed, the part(s) is (are) approved for return to service.			
15. Signature		16. FAA Authorization No.	20. Authorized Signature		21. Certificate Number	
					NV2R045L	
22. Name (Typed or Printed)		18. Date	22. Name (Typed or Printed)		23. Date	
			JEFFREY JELLEY		OCT 24 2001	

FAA Form 8130-3 (11/93)

*(Optional) installer must cross check eligibility with applicable technical data.

LOG BOOK ENTRY

AIRCRAFT F33A

ORDER NO. 17206

COMPLETED OPERATIONAL
WITH NO DISCREPANCIES NO

AND INSPECTED IN
N ADMINISTRATION AND
DETAILS OF WORK

ORDER NO. 17206

DATE: 11-01-01

CLOCK TIME: 565.2

SUPPLEMENTAL LOG BOOK ENTRY

REG: N1235C

S/N: CE 1235

MODEL: BEEHCRAFT F33A

THE FOLLOWING WORK WAS PERFORMED UNDER JET AVIATION WORK ORDER NO. 17206

1. **INSTALLED OVERHAULED ALTERNATOR P/N 646843, S/N A-166805 AND COMPLETED OPERATIONAL / LEAK CHECKS IN ACCORDANCE WITH BEEHCRAFT F33 MM 24-30-00 WITH NO DISCREPANCIES NOTED. ALTERNATOR REMOVED P/N 646843, S/N J1987-03.**

THE AIRCRAFT AND OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND ONLY THAT WORK PERFORMED IS APPROVED FOR RETURN TO SERVICE. DETAILS OF WORK ACCOMPLISHED ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 17206

DATE: 11-01-01

TACH TIME: 565.2

SIGNED:

JET AVIATION ASSOCIATES L.T.D. F.A.A. CRS EYKR782D

Log Book Insert

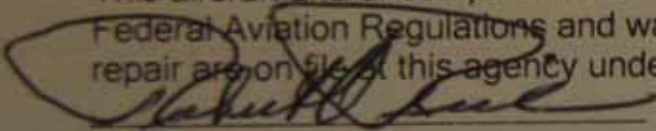
AmDyne

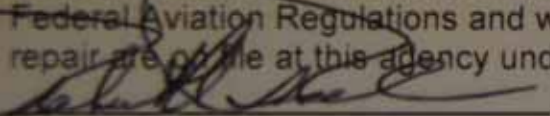
AeroServices, LLC

Make Beech Date 05/09/02
Model F33A W.O. 02-05-002
S/N CE1235 Actt. 585.0
Reg. No. N1235C

1. Completed an annual inspection this date in accordance with Beech F33A service manual and FAR Part 43 Appendix "D".
2. Ran engine to normal operating temperature and performed a compression check. #1 76/80 #2 76/80 #3 70/80 #4 70/80 #5 74/80 #6 70/80.
3. Drained oil and replenished with 12 Qts. Of 100W50 Aeroshell oil.
4. Replaced oil filter with new CH48109. Inspected oil filter for ferrous metal. None found
5. Complied with all pertinent and current AD's thru ATP Navigator dated 4/29/02
6. Washed down engine and compartment for engine run for leak check. None noted.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 02-05-002. Date: 05/09/02, Signed

 , Robert A. Reilmann IA# 355-46-3474 for AmDyne AeroServices, LLC

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Log Book Insert		<u>AmDyne</u> AeroServices, LLC
Make	Beech	Date 07/15/02
Model	F33A	W.O. 02-07-011
S/N	CE1235	Actt. 625.2
Reg. No.	N1235C	
1. Ran engine to normal operating temperature. 2. Drained oil and replenished with 12 Qts. of 100W50 Aeroshell oil. 3. Replaced oil filter with new CH48109. Inspected oil filter for ferrous metal. None found. 4. Washed down engine and compartment for engine run for leak check. None noted.		
This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 02-07-011. Date: 07/15/02, Signed  , Robert A. Reilmann IA# 355-46-3474 for AmDyne AeroServices, LLC		

— 2 —

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/14/02	641.1	Complied with Owners Request to inspect per Special Airworthiness Information Bulletin NE-02-032 and found that this Bulletin does not apply due to SLICK magnetos installed. <i>Robert A. Paul</i> 355-46-3474 AEP
9/16/02	641.1	Compliance with owners request to inspect per Special Airworthiness Information Bulletin NE-02-41 and found does not apply as part not installed on this engine per Teledyne Continental Certified Service Bulletin CSB 02-28 Requirements. <i>Robert A. Paul</i> 355-46-3474 AEP

DATE
TOTAL
TIME

MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Log Book Insert

AmDyne
AeroServices, LLC

Make Beech Date 01/13/03
Model F33A W.O. 03-01-011
S/N CE1235 Actt. 657.3
Reg. No. N1235C

1. Drained oil and replenished with 12 quarts 100W50 Aeroshell oil.
2. Removed and inspected oil filter for metal. None found.
3. Installed, torqued and safetied new PN CH 48109 oil filter.
4. Washed down and ran engine for leak check. None noted.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 03-01-011. Date: 01/13/03,
Signed [Signature], 355463474 A&P for AmDyne AeroServices, LLC

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

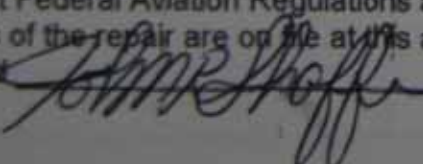
Log Book Insert

AmDyne

AeroServices, LLC

Make	Beech	Date	06/07/03
Model	F33A	W.O.	03-06-038
S/N	CE1235	Actt.	681.0
Reg. No.	N1235C		

1. Completed an annual inspection this date in accordance with FAR Part 43 Appendix "D", Beech and TCM service manual.
2. Complied with compression check. 1.) 66/80 2.) 76/80 3.) 70/80 4.) 64/80 5.) 73/80 6.) 77/80
3. Drained oil and replenished with 12 quarts 100W50 Aeroshell oil.
4. Removed and inspected oil filter for metal. None found.
5. Installed, torqued and safetied new PN CH 48109 oil filter.
6. Checked magneto to engine timing.
7. Removed, cleaned, inspected, gapped, tested and reinstalled all spark plugs.
8. Removed, cleaned, inspected and reinstalled all fuel injectors.
9. Researched all AD's and found none apply at present time. Copy of AD compliance record attached to log book with 03 in file ID #.
10. Washed down and ran engine for leak check. None noted.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 03-06-038. Date: 06-07-03,
Signed  IA 184460789 A&P for AmDyne AeroServices, LLC

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Log Book Insert

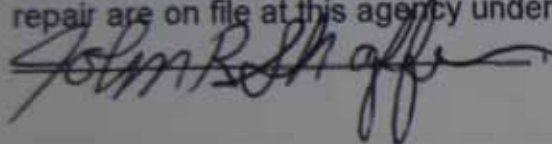
Beech 06/07/03
Make F33A Date 03-05-038
Model CE1235 W.O. 681.0(T)
S/N N1235C Actt. _____
Reg. No. _____

AmDyne

AeroServices, LLC

1. Completed an annual inspection this date in accordance with Beech F33A service manual and FAR Part 43 Appendix "D" for propeller.
2. Researched all AD's and found none due at present time.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 03-05-038. Date: 06/07/03, Signed



JA# 184460789 A&P for AmDyne AeroServices, LLC

Log Book Insert

AvDyne AeroServices, LLC

MAKE: BEECH

MODEL: F33A

SERIAL NO.: CE1235

REGISTRATION NO.: N1235C

DATE: 07/07/04

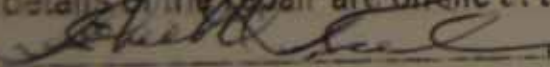
WORKORDER: 04-06-013

TOTAL TIME: 783.0

TAC TIME: 783.0

1. Completed an annual inspection this date in accordance with FAR Part 43 Appendix "D", Beech and TCM service manual.
2. Complied with compression check. 1.) 66/80 2.) 76/80 3.) 70/80 4.) 64/80 5.) 73/80 6.) 77/80
3. Drained oil and replenished with 12 quarts 100W50 Aeroshell oil.
4. Removed and inspected oil filter for metal. None found.
5. Installed, torqued and safetied new PN CH 48109 oil filter.
6. Complied with 500-hour inspection requirements for both magnetoes.
7. Replaced left magneto brush block assembly with new PN K3823, contact points M3081, and capacitor IC3984. Set "E" gap and point gap. Reinstalled magneto and timed to engine in accordance with service manual.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Permanent details of the repair are on file at this agency under Work Order No. 04-06-013. Date: 07/07/04, Signed:

 A&P#: 355463474/A for AvDyne AeroServices, LLC

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Log Book Insert

AvDyne AeroServices, LLC

MAKE: BEECH

MODEL: F33A

SERIAL NO.: CE1235

REGISTRATION NO.: N1235C

DATE: 07/07/04

WORKORDER: 04-06-013

TOTAL TIME: 783.0

TAC TIME: 783.0

8. Replaced right magneto contact points with M3081, and capacitor K3984. Set "E" gap and point gap. Reinstalled magneto and timed to engine in accordance with service manual.
9. Removed, cleaned, inspected, gapped, tested and reinstalled all spark plugs.
10. Removed, cleaned, inspected and reinstalled all fuel injectors.
11. Researched and complied with all current and pertinent AD's thru ATP Navigator Revision (June 21, 2004) and completed a copy of the AD Compliance record and attached to logbook
12. Washed down and ran engine for leak check and magneto operation. No leaks noted and magnetos operated within limits.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Permanent details of the repair are on file at this agency under Work Order No. 04-06-013. Date: 07/07/04, Signed:

A&P#: 3554634741A for AvDyne AeroServices, LLC

AvDyne AeroServices, LLC

DATE

MAKE: Beech

MODEL: F33A

SERIAL NO.: CE1235

REGISTRATION NO.: N1235C

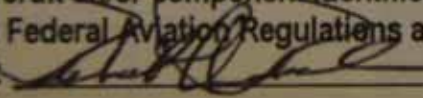
DATE: 08/03/05

WORKORDER: 05-07-001

TOTAL TIME: 857.7

TAC TIME: 857.7

1. Completed an annual inspection in accordance with FAR part 43 appendix "D", Beech and TCM service manual.
2. Ran engine to normal operating temperature and performed compression checks.
1.) 70/80, 2.) 73/80, 3.) 72/80, 4.) 71/80, 5.) 69/80, 6.) 70/80.
3. Drained oil and replenished with 12 qts 100W50 AD Aeroshell.
4. Removed and inspected oil filter for contaminants, none found.
5. Installed, torqued and safetied new CH 48109-1 oil filter.
6. Installed and torqued 12 new spark plugs PN RHB32E.
7. Removed, cleaned, inspected and reinstalled all fuel injector nozzles.
8. Retorqued bolts on upper crankcase halves and replaced 1, nut with PN STD37.
9. Adjusted both magneto to engine timing.
10. Removed and replaced crankshaft seal with new PN 641250.
11. Washed down and ran up engine for leak check, none found.
12. Researched AD's Thru ATP Navigator V dated July 29, 2005. No AD's due at present time.

This aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Date: 08/03/05
Signed: , A&P#355463474 IA

INSPECTION & MAINTENANCE RECORD

DATE

AvDyne AeroServices, LLC

MAKE: Beech

MODEL: F33A

SERIAL NO.: CE1235

REGISTRATION NO.: N1235C

DATE: 03/20/06

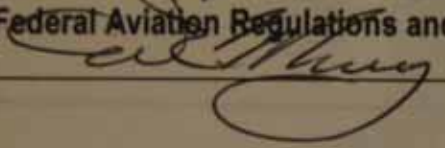
WORKORDER: 06-03-012

TOTAL TIME: 894.5

TAC TIME: 894.5

1. Ran up aircraft to operating temperatures. Drained oil and replaced with 12 quarts 100W50 oil. Removed filter, cut open and no metal found. Installed new filter PN CH48109-1, torqued and safety wired. Washed engine and ran up aircraft to perform leak check, no leaks found.

This aircraft an/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Date: 03/20/06

Signed: , A&P#2961783

INSPECTION & MAINTENANCE RECORD

MAKE: BEECHCRAFT
MODEL: F33A
S/N CE1235
REG. NO: N1235C
WORK ORDER SO 10693
WORK ORDER SO 10699

LONDON AIRCRAFT SERVICE CENTER
Repair Station #L3HR317N
150 Aviation drive South
Naples FL 34104
Phone 239-643-4468

Date: 10-13-06
AFTT: 918.7
ENG.TT: 918.7

Engine Entries

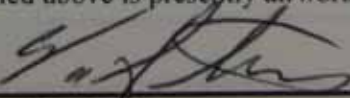
Continental IO-520-BB S/N 578354

C/W A 100 HR / ANNUAL INSPECTION USING RAYTHEON BONANZA SERIES 100 HR / ANNUAL CHECK LIST REF 5-20-00. C/W COMPRESSION CHECK #1 65/80 #2 76/80 #3 73/80 #4 75/80 #5 76/80 #6 77/80 CHANGED OIL AND FILTER ADDED 12 QTS OF AEROSHELL 15/50 AND 1 CH48109-1 FILTER. INSPECTED FILTER CONTENTS NO DEFECTS NOTED. CLEANED AND GAPPED SPARK PLUGS CHECKED MAG TIMING CLEANED ENGINE, RAN ENGINE OPS AND LEAK CHECK OK NO DEFECTS NOTED. CHECKED AD'S FOR COMPLIANCE. AD 79-05-09 LOSS OF OIL PRESS. INDICATION DNA BY S/N, AD 80-10-04 CYL HOLD DOWN FLANGES DNA BY EQUIPMENT NOT INSTALLED, AD 81-24-06 POSSIBLE FUEL LEAKAGE DNA BY S/N, AD 86-12-12 CYL HEAD TO BARREL SEPARATION DNA BY S/N, 87-14-02 STARTER ADAPTER SHAFT GEAR FAILURE DNA BY S/N, 88-03-06 LOSS OF ENGINE OIL DNA BY EQUIPMENT INSTALLED, AD 91-19-03 COLLAPSED OIL FILTER DNA BY EQUIPMENT INSTALLED, AD 93-10-002 MISSING CYL VALVE RETAINER N/A BY TIME IN SERVICE, AD 93-16-15 FUEL PUMP DRIVE SHAFT DNA BY S/N, AD 97-26-17 CRANKSHAFT FAILURE DNA BY S/N, AD 98-17-11 CRANKSHAFT FAILURE DNA BY MODEL AND S/N, AD 99-19-01 CRANKSHAFT FAILURE DNA BY S/N, AD 2000-23-21 CRANKSHAFT CONNECTING ROD JOURNAL FAILURE DNA BY S/N, AD 2004-08-10 FOUND PREVIOUSLY C/W SEE COMPLIANCE RECORD IN ENGINE LOG.

I certify that the above stated maintenance and /or inspection was performed in accordance with current regulations of the Federal Aviation Administration and the aircraft / engine/ propeller or appliance identified above is presently airworthy and is approved for return to service in regards to the work listed

Date: 10-13-06

Signed


Thomas A. Steeves
Certified Repair Station #. L3HR317N

Work Order: SO10693 / SO10699

INSPECTION & MAINTENANCE RECORD

DATE

performance
 AIRCRAFT MAINTENANCE
 BEECHCRAFT/COLUMBIA
 Burlington, North Carolina USA

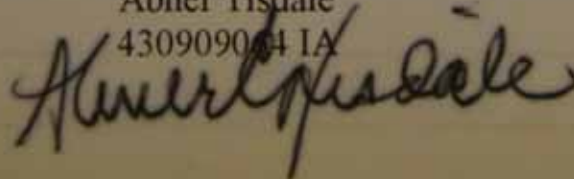
336-227-1668

Date	Tail #	Serial #	Hobbs	Make	Model
29 Nov 07	1235C	C-1235	941.1	Beech	F-33A

- Completed Engine Annual Inspection IAW all FAA Regulations, Manufactures Inspection Checklists and Maintenance Manuals.
 - Differential Compression Check: 1) 76/80 2) 76/80 3) 70/80 4) 74/80 5) 78/80 6) 76/80. Min psi for day was 44/80.
 - Installed Rt Muffler after repair by Dawley Aviation.
 - Cleaned Fuel Injector Nozzles.
 - Drained oil, removed and inspected oil filter with no defects found. Installed new CH48109-1 Oil Filter and serviced engine with 12qts of Aeroshell W100. Ground run and leak check good.
 - Replaced Pneumatic System Filters, PN: AA2J4-7, AAD9-14-5.
 - Adjusted Prop Governor for proper travel.
 - Replaced Cowling Baffle Material.
 - C/W AD 93-16-15 IAW TCM SB M93-9R1. No action was required.
 - C/W AD 94-26-02 Air Filter Replacement, PN: 35-380035-7. Next due at 1441.1hr.
- All ADs have been checked and complied with through this date. This engine was found to be in airworthy condition and is returned to service.

Abner Tisdale

43090904 IA



FORMED

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

performance
AIRCRAFT SERVICES
Greensboro, North Carolina, USA

Make: BEECH

Model: F33A

Reg. No.: N: 12356

Date: 01/08/09 00:00

S/N: CE-1235

Tach Time: 574.70

Engine Log

Type: Continental

S/N: 578354

Performed Annual inspection per Beechcraft Bonanza Series Service Manual checklist. Compression Check Results 1) 74 2) 72 4) 74 5) 70 6) 70/80. Changed oil and filter, Cut open remove filter and inspected media, no metal found. Installed new CH4 1 oil filter and serviced with 12 qts Aeroshell 100W. All work conducted I.A.W. Beechcraft Bonanza series service manual. AD's current see AD compliance records. I certify that this eng was inspected in accordance with an annual inspection and was determined to be airworthy in accordance with FAR 43 Appen

Michael J. Sells
ATA 430909064IA

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

London Aircraft Service Center Inc
150 Aviation Drive South
L3HR317N

N1235C Model: Raytheon F-33A s/n #: E-3715 Date: 05/29/09
ENGINE --

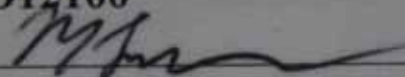
HOBBS: 990.9.

Changed oil filter P/N CH48109-1. Serviced engine with 11qts of AEROSHELL Phillips X/C 20/50 oil. Operational and leak check was good.

In reference to the above work performed, this engine is airworthy and is returned for service.

Work Order: #SO12100

Mark Lonneman



L3HR317N

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

London Aircraft Service Center Inc
150 Aviation Drive South
L3HR317N

N806EF Model: Beech F33A s/n #: CE-1235
Tach Time: 1003.5 hrs

Date: 09/01/09
Total Time: 1003.5 hrs

-- ENGINE --

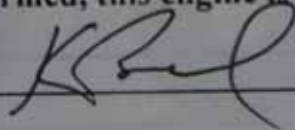
Engine model #IO-520 BB s/n # 572354

Complied with AD 2009-16-03. Inspection of SAP cylinders for cracks. This AD N/A due to P/N of cylinders. Complied with Teledyne Continental Motors MSB09-1B Cylinder replacement check. This bulletin is N/A for this engine's P/N of cylinders. Changed oil P/N XC 20W50 and oil filter P/N Ch 48109-1. Serviced with 11 quarts of XC 20W50. Replaced leaking oil pan drain plug P/N 92-606-164-00 and o-ring P/N MS535769-11. IAW Beech F33A MM 79-00-00. Operational and leak check was good. Checked compression of number one cylinder per customer request. 72/80. IAW Teledyne Continental IO-520BB MM Chapter 19-14. No defects noted.

Work Order #: S12169

In reference to the above work performed, this engine is airworthy and returned for service.

Kevin Bahash



L3HR317N

INSPECTION & MAINTENANCE RECORD

DATE

Primeplanes Aircraft Services Inc.

240 Aviation Drive North Suite 102

Naples, Florida 34104 ph. 239-659-4005



REG N1235C TYPE IO 520 BB TACH 1008.0 TSN 1108.0

ANNUAL inspection completed IAW FAR 43 app D, AD's researched thru 09-20, 09-16-03 and 09-19-07 D/N/A, filter R/P and opened for inspection - found OK, COMP: 70 66 72 74 74 74 over 80, adjusted prop gov for 2675 on ground run, adjusted mag timing to 22, air filter clean and servicable, AD not due until 1441.1, plugs test OK, rotated and reinstalled, fuel pressures found to be within SID97-3e, C/W SB03-3 borescope and comp check OK 500 hour mag insp. recommended at 1283, ground run check OK.

I certify that this ENGINE has been inspected IAW an ANNUAL inspection and was determined to be in an airworthy condition.

Signature

Date

2-Oct-2009

Craig Bloomer AP391787114IA

INSPECTION & MAINTENANCE RECORD

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Clearwater Aviation Technologies
14695 Airport Parkway
Clearwater, FL 33762
(727) 538-0318

October 14, 2009

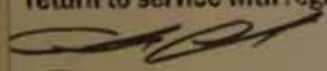
N1235C

Engine

Tach Time: 1010.4

Found LH muffler heat shield misaligned, realigned LH muffler heat shield. Rough mag, found #1 lower spark plug loose, removed all spark plugs, cleaned, gapped and tested and reinstalled, found #6 cylinder lower spark plug lead torn repaired as needed, #4 cylinder lower spark plug lead tested bad replaced lead from magneto cap to spark plug with new, performed ground run and magneto check magneto drop on LH and RH is 70 rpm.

I certify that this engine was inspected/repaired in accordance with current FAA regulations and manufacturer's maintenance manual and is approved for return to service with regards to the maintenance accomplished.


Derek Dziorba
Amp 2734355

INSPECTION & MAINTENANCE RECORD

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

J A AIR CENTER AURORA AIRPORT/SUGAR GROVE, IL 60554

Repair Station #NF2R029L

ENGINE LOG #1

Type BEECHCRAFT F33A

TT 1023.3

N # 1235C

S/N CE-1235

REC. HR. METER 1023.3

ENGINE MODEL IO-520-BB

ENGINE S/N 578354

ENGINE INSPECTION-

AT THIS TIME, THIS ENGINE WAS INSPECTED AND SERVICED AS PER BEECH & TCM SERVICE MANUALS FOR AN ANNUAL INSPECTION. TOP OVERHAUL WAS COMPLETED. THE OIL & FILTER WERE CHANGED. OPENED AND INSPECTED THE FILTER. SERVICED THE ENGINE WITH 20W50 TYPE M OIL. FUEL INJECTORS WERE ULTRASONICALLY CLEANED. FUEL SCREENS WERE CLEANED. MAG TIMING AND CONDITION WERE CHECKED. IGNITION LEADS AND CONDITION OF PLUGS WERE CHECKED. ENGINE ACCESSORIES WERE CHECKED FOR CONDITION, SECURITY AND PROPER OPERATION. THE EXHAUST AND INDUCTION SYSTEM WERE CHECKED FOR CONDITION AND SECURITY. THESE ITEMS WERE REPAIRED, REPLACED OR CORRECTED.

VALVE LIFTERS WORN:

RE-INSTALLED VALVE LIFTERS P/N SA646277 AFTER OVERHAULS WERE COMPLETED BY AIRCRAFT SPECIALTIES SERVICES INC. REF. W.O. 176746.

INDUCTION TUBE COUPLINGS ARE DRY ROTTED AND CRACKED-

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL	INSPECTION OR MAINTENANCE PERFORMED	AGENCY & CERTIFICATE NO.
J A AIR CENTER AURORA AIRPORT/SUGAR GROVE. IL 60554			
Repair Station #NF2R029L		ENGINE LOG	#1
Type BEECHCRAFT F33A		TT 1023.3	
N # 1235C			
S/N CE-1235		REC. HR. METER	1023.3
ENGINE MODEL 10-520-BB			
ENGINE S/N 578354			

INSTALLED NEW COUPLINGS, SUPERIOR AIR PARTS INC P/N
SA642917-1 AT 8 PLACES. INSTALLED NEW CLAMPS P/N
QS200M40H AS REQUIRED.

OVERHAUL CYLINDERS-
CLEANED MATING SURFACES AND REINSTALLED CYLINDER ASSEMBLIES
WITH NEW GASKETS AND SEALS AFTER OVERHAULS WERE COMPLETED
BY G & N AIRCRAFT. REF. W.O. 66550. TEST FLIGHT AND LEAK
CHECKS WERE SATISFACTORY.

I CERTIFY THAT THIS ENGINE WAS REPAIRED AND/OR INSPECTED
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS APPROVED FOR
RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS
REPAIR STATION UNDER W.O.# 17754. DATE JANUARY 11, 2010
J.A. AIR CENTER, AURORA AIRPORT, SUGAR GROVE, IL 60554
FAA APPROVED REPAIR STATION #NF2R029L

*

*

DONALD K. MORGAN

INSPECTOR

INSPECTION & MAINTENANCE RECORD

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE	TOTAL TIME	
3/15/10	1055.4	OWNER CHANGE OIL & FILTER WITH Philips 20W50 OIL & #109 FILTER. RAN ENGINE NO LEAKS DETECTED. CAM GUMMED OUT Tony Bence 3204054
5/24/10	1080	OWNER CHANGE OIL & FILTER WITH Aero Shell 100 - RAN ENGINE NO LEAKS DETACHED - CAM GUMMED OUT Tony Bence 3204054
11/2/10		
Total	1105.7	Removed from Beechcraft F33A S/N CE-1235. J.A. Ruhl 262536133 A4P

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
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CONTINUED TIME REPAIR. This Teledyne Continental Engine, model IO-520 BB(18)B, s/n 578354, was disassembled due to Propeller Strike. All internal steel parts were magnafluxed by Palm Beach Aircraft Propeller Inc., CRS #LU4R349M & all non-ferrous materials checked for cracks. Installed a factory NEW crankshaft assy, s/n N03FA019. Installed 2 NEW Slick/Champion Magnetos. No Inspections or work performed to any cylinders or any other accessories per customer request. Installed Camshaft, OHC by Aircraft Specialties, CRS #DD2R764K, along with new lifters. Engine was reassembled according to guidelines from TCM OH Manual X30039A & given a 1 hour performance run on test stand with all temps, compressions, & pressures within those as prescribed by the factory. Oil filter checked clean. This work complies with SB M96-11 regarding prop Strikes. This engine is airworthy & ready for return to normal service. TTSN is 1105.7.

1	SA646550-A1	GASKET SET	12	AEC629340	BOLT, CONNECTING ROD
10	SA642917-1	INTAKE HOSE	12	SA628109	CONN ROD NUT
1	539023	HOSE	12	MS24865-229	COTTER PIN
1	24770	C/S PLUG	12	AEC642398	BEARING, CONNECTING ROD
1	641250	SEAL ASM NOSE	1	CH48109-1	OIL FILTER
4	655289	BUSHING-MAG DRIVE COUP	1	501867	WASHER-TAB
1	SA646592-A1	BEARING SET	1	MS9144-01	PROP GOVERNOR GASKET
6	656890	SCREW	1	649896	CRANKSHAFT & DAMPER ASM
3	MS35756-6	KEY WOODRUFF	6	653888	LIFTER ASM-HYDRAULIC
2	641909	PLATE-TAB LOCK	6	653877	LIFTER ASM-HYDRAULIC
4	SA648205	SCREW	1	MS35756-3	KEY WOODRUFF
4	631086-.44	SCREW	1	S539800 M40	CLUTCH SPRING
2	SA632443-4	NUT	1	640803	STARTER SHAFTGEAR, OHC/EXCH
24	MS20500-426	EXHAUST NUT	1	.	829726AR CAMSHAFT REGROUND

Certified Engines Unlimited, Inc.

Authorized Signature

Frank Neves, Jr.

Opa Locka, FL 33054 USA

FAA CRS# KG4R309M

Date: November 24, 2010

Invoice / Work Order: 53795/35059

INSPECTION & MAINTENANCE RECORD

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY)

207 Danley Drive

Fort Myers, Florida 33907

239-936-3666

www.switlikaviation.com



Date	Reg. number	Eng S/N	Hour meter	SMOH	Total	-----	-----
12/03/2010	N1235C	578354	1105.7	-----	1105.7	-----	-----

Installed on Beechcraft F33A S/N CE-1235 after repair by Certified Engines Unlimited, Inc Opa Locka, Florida W/O 35059, dated 11/24/2010. Cleaned fuel injectors and screens. Inspected air filter. Replaced instrument air pump with Aero Accessories AA3216CW. Checked magneto timing. Cleaned spark plugs. Checked cylinder compression 1- 78/80, 2- 78/80, 3- 78/80, 4- 78/80, 5-78/80, 6- 78/80. Serviced with Aeroshell W 100 and CamGuard. Checked fuel pressure, idle speed, mixture, and fuel flow. Ground run-up normal. I have inspected this engine in accordance with an annual inspection and find it to be in airworthy condition.

John A Richardson 262536133 IA

Note: See Airframe log 2/17/11 for oil change *Shel*

Date: 3/12/2011 Aircraft: N1235C Type: BEECH F33A S/N: CE-1235 Tach: 1159.80 Total Time: Engine - Type S/N Time
 Prop - Type S/N Time
 Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.
 The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7625.
 3/12/2011 ROGER E. SMITH *Roger Smith* UW4R585M.
 Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL

DATE

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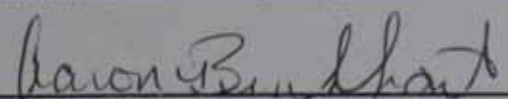
6/14/2

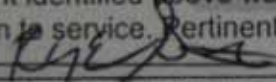
Carter

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 4/21/2011 Aircraft: N1235C Prop - Type: S/N: Time:	Type: BEECH F33A; S/N: CE-1235; Tach: 1184.40; Total Time:; Engine - Type: S/N: Time:	
Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Filled the engine with Phillips X/C 20W-50WT oil. Filter was not changed at this time. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.		
The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7657.		
4/21/2011 ROGER E. SMITH <i>[Signature]</i> UW4R585M.		
Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.		
Date: 5/18/2011; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1206.40; Total Time:; Engine - Type: S/N: Time:;		
Prop - Type: S/N: Time:		
Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50WT oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.		
The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7681.		
5/18/2011 ROGER E. SMITH <i>[Signature]</i> UW4R585M.		
Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.		
Date: 6/14/2011; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1232.80; Total Time:; Engine - Type: S/N: Time:;		
Prop - Type: S/N: Time:		
Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50WT oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.		
The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7710.		
6/14/2011 ROGER E. SMITH <i>[Signature]</i> UW4R585M.		
Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.					
ENGINE	Registration # N1235C	Work Order # 10684-07-2011	Hobbs -	Tach 1258.40	AFTT Unk	Engine TT Unk	Engine TSOH Unk
1 Ran engine. Drained oil. Serviced engine with 11 quarts Phillips XC 20/50 oil. Oil filter was NOT changed at this time. Ground run / leak check OK. *****END*****							
All work has been performed in accordance with current FAA regulations. Details of work are on file under the work order referenced above. This engine is approved for return to service with respect to the work performed.    Aaron Burkhardt AP 2887269 1119 Aviation Way Gainesville, GA 30501 8-Jul-11 Date							

Date: 8/08/2011; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1288.60; Total Time:: Engine - Type: , S/N:, Time::
 Prop - Type: , S/N:, Time:
 Opened the cowlings and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50WT oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.
 The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7746.
 8/8/2011 ROGER E. SMITH  UW4R585M.
 Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.

Date: 9/29/2011; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1311.10; Total Time:: Engine - Type: , S/N:, Time::
 Prop - Type: , S/N:, Time:
 Opened the cowlings and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50WT oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.
 The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7786.
 9/29/2011 ROGER E. SMITH  UW4R585M.
 Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 11/23/2011; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1366.00; Total Time:; Engine - Type: , S/N:, Time:; Prop - Type: , S/N:, Time: Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7823. 11/23/2011 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL		
Date: 2/17/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1405.40; Total Time: 1405.40; Engine - Type: IO-520-BB, S/N: 578354, Time: 1405.40; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 299.70 Completed annual inspection check list this date on this engine. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Aeroshell 100-50WT mineral break in oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. Completed compression test on this Continental engine in accordance with Continental Service Bulletin SB03-3, section (B). Calibrated the compression gages using Borroughs tool 646953A. Using this procedure compression readings on the low pressure gage of 48 LBS when the high gage reads 80 LBS are acceptable as long as there is no leakage by the valves. The compression on this engine is as follows: #1 62/80 #2 65/80 #3 Repaired/80 #4 60/80 #5 69/80 #6 64 /80. All of these compressions are within the parameters called out in SB03-3. Removed left exhaust manifold from aircraft. Cleaned area to be repaired. Repaired crack in #2 exhaust stack adjacent to the exhaust flange by welding. Replaced right muffler with a new muffler assembly , P/N A701-19-I. Re-positioned left forward engine mount heat shield to stop it from chafing on the mount leg. Re-positioned intake coupler hose clamps to prevent heat shield on right aft engine mount from rubbing against intake hose clamps. Tightened loose fitting on mechanical fuel pump and inspected for fuel leakage. Found no fuel leakage evident at this time. Adjusted the position of the injection lines to keep ignition lead wires from chaffing on them. Repaired #5 top ignition lead by replacing the lead cigarette, pin and spring. Removed all of the fuel nozzles from the engine and cleaned using the sonic bath method. Installed the cleaned nozzles in the engine in accordance with the maintenance manual for this engine. Removed all of the spark plugs and installed all new plugs, P/N RHB32E. Tightened the mixture rod end attach bolt and installed new cotter pin. Repaired broken P-I lead on the left magneto. This aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition. Pertinent details of this inspection are on file at this agency under work order number 7870. 2/17/2012 Roger E. Smith <i>[Signature]</i> UW4R585M Carter Aircraft Inc. FAA Approved Repair Station, Sebring, FL		

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

DATE

TOTAL
TIME

Date: 3/27/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1447.70; Total Time:: Engine - Type: IO-520-BB, S/N: 578354, Time: 1406.40; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 299.70

Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C-20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7917.

3/27/2012 ROGER E. SMITH *[Signature]* UW4R585M.

Carter Aircraft, Inc. FAA Approved Repair Station, Sebring FL.

Date: 5/30/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1489.00; Total Time:: Engine - Type: IO-520-BB, S/N: 578354, Time: 1447.70; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 342.00

Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7982.

5/30/2012 ROGER E. SMITH *[Signature]* UW4R585M.

Carter Aircraft, Inc. Repair Station, Sebring FL.

Date: 9/11/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1531.70; Total Time:: Engine - Type: IO-520-BB, S/N: 578354, Time: 1447.70; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 342.00

Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20w-50 oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8058.

9/11/2012 ROGER E. SMITH *[Signature]* UW4R585M.

Carter Aircraft, Inc. Repair Station, Sebring FL.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
NOTE OUT OF ORDER		Date: 4/18/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1469.30; Total Time:; Engine - Type: IO-520-BB, S/N: 578354, Time: 1447.70; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 342.00 Opened the cowling and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Filled the engine with Phillips X/C 20W-50wt. oil. Filter was not changed at this time. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 7942. 4/18/2012 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. FAA Accepted Repair Station, Sebring FL.
		Date: 12/19/2012; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1557.90; Total Time:; Engine - Type: IO-520-BB, S/N: 578354, Time: 1447.70; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 342.00 Completed Annual inspection check list this date on this engine. Opened the cowling and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. Removed deteriorated flexible hose from the fuel transducer to the fuel distributor and replaced the hose material. Installed fire sleeve on the line and secured in place with bandit clamps. Installed the new hose assembly on the aircraft and checked the system for leaks. Found no leaks at this time. Stop drilled three small cracks in the engine baffles. Removed the engine oil filter and removed the metered fuel pressure adjustment brass fitting from the side of the mechanical fuel pump. Removed the needle valve from the brass fitting. Cleaned the sealing surface in the brass fitting and installed the needle valve with a new MS29513-006 O-ring seal. Installed the brass fitting assembly in the fuel pump and adjusted the metered fuel pressure. Inspected the adjustment for fuel leakage and found none. Safetied the adjustment fitting in place and safetied the oil filter back in place. Removed the flexible line from the intake manifold to the firewall, removed the line from the oil pressure to the firewall and removed fuel return line. Installed Bandit clamp on all of the firesleeve and installed the lines on the engine. Performed a leak check and no leakage as noted at this time. This aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition. Pertinent details of this inspection are on file at this agency under work order number 8119. 12/19/2012 Roger E. Smith <i>[Signature]</i> UW4R585M Carter Aircraft Inc. Repair Station, Sebring, FL.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 3/23/2013; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1593.40; Total Time:; Engine - Type: IO-520-BB, S/N: 578354, Time: 1437.50; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 331.80 Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8198. 3/23/2013 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.		
Date: 2/09/2013; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1578.20; Total Time:; Engine - Type: IO-520-BB, S/N: 578354, Time: 1437.50; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 331.80 Inspected the alternator wiring and found no problems. The alternator will have to be removed for any further troubleshooting. Installed new GHT piggy back probe P/N 2856 on the #1 cylinder. Inspected the vacuum pump and found no defect. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8153. 2/0/2013 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.		
Date: 5/29/2013; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1621.30; Total Time:; Engine - Type: IO-520-BB, S/N: 578354, Time: 1437.50; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 331.80 Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Filled the engine with Phillips X/C 20W-50wt. oil. Filter was not changed at this time. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8235. 5/29/2013 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.		
Date: 5/29/2013; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1621.30; Total Time: Replaced the left fuel tank quick drain valve P/N CCA3400. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8235. 5/29/2013 ROGER E. SMITH <i>[Signature]</i> UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.		

DATE

TOTAL
TIMEINSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Date: 8/01/2013; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1641.70; Total Time: 1641.70; Engine - Type: IO-520-BB, S/N: 578354, Time: 1437.50; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 331.80
Opened the cowl and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt. oil and installed a new CH109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8270.
8/1/2013 ROGER E. SMITH *[Signature]* UW4R585M.
Carter Aircraft, Inc. Repair Station, Sebring FL.

Date: 4/03/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1691.90; Total Time: 1691.90; Engine - Type: IO-520-BB, S/N: 578354, Time: 1691.90; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 586.20
Removed the alternator, TCM P/N 949304R, S/N E079704.0R, from the engine, opened and cleaned. Replaced the brush block assembly, P/N 646853, and cleaned the slip rings. Greased the rear needle bearing and assembled the alternator. The elastomeric coupling was not removed from the alternator during this repair. Installed the repaired alternator on the engine using a new gasket. Test ran the engine and verified that the alternator is functioning properly. This work completed in accordance with Teledyne Continental IO-520 Overhaul Manual P/N X30040A and Teledyne Continental IO-520 Parts Catalog P/N X30040A as pulled up on the INTERNET under TCM Link.

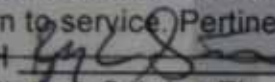
The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8417.
4/3/2014 ROGER E. SMITH *[Signature]* UW4R585M.
Carter Aircraft, Inc. Repair Station, Sebring FL.

Date: 6/04/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1719.60; Total Time: 1719.60; Engine - Type: IO-520-BB, S/N: 578354, Time: 1719.60; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 613.90
Drained all of the hot oil out of the engine sump. Filled the engine with Phillips X/C 20W-50wt. oil. Filter was not changed at this time. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.
The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8463.
6/4/2014 ROGER E. SMITH *[Signature]* UW4R585M.
Carter Aircraft, Inc. Repair Station, Sebring FL.

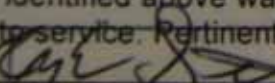
INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 3/08/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1687.80; Total Time: 1687.80; Engine - Type: IO-520-88; S/N: 578354; Time: 1687.80; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693; Time: 582.10		
Completed Annual inspection check list this date on this engine. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W50wt oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. Performed compression check on this engine and the compression was as follows: #1 72/80 #2 73/80 #3 71/80 #4 74/80 #5 76/80 #6 77/80. Removed the left exhaust manifold and welded crack in the #2 exhaust riser. Drilled out broken Rosan stud and installed a new stud. Installed exhaust manifold on the aircraft with new gaskets. Torqued all of the screws in the rocker box covers to stop oil leakage. Inspected the covers after the engine was test run and found no oil leakage evident at this time. Replaced the spark plug cap on top #1 ignition lead. Replaced both the upper and lower ignition lead wire on the #6 cylinder. Loosened the left forward engine mount bolt and repositioned the engine mount heat shield to proper position. Torqued the engine mount bolt to 40 ft lbs per the Beech 33, 35, 36 Maintenance Manual P/N 36-590001-9. Secured the ignition lead wires away from the oil filler tube the #2 cylinder using ty raps. Using a solvent we cleaned all of the cigarettes and visually inspected them for signs of carbon tracking. Removed all of the fuel nozzles from the engine and cleaned using a sonic bath machine. Installed the cleaned nozzles in the engine in accordance with the maintenance manual for this engine. This work completed in accordance with Teledyne Continental IO-520 Overhaul Manual P/N X30040A. Replaced missing bracket that secures the rear engine baffle to starter drive mounting stud. Removed two deteriorated flexible fuel lines from the fuel pump to the fuel injector. The hoses were then installed on the aircraft and inspected for leakage. No leakage is evident at this time. All of the removal, assembly and installation was performed in accordance with the Beech 33, 35, 36 Maintenance Manual P/N 36-590001-9 and the Parker 111 Hose Assembly Instructions AFP501. Removed both slick magnetos, Left mag model 6310 S/N 10030996 and Right mag model 6310, S/N 10090649 from the engine. Disassembled both magnetos and complied with the 500 hour inspection per the 500 hour check list (9.0) in L-1363 manual. Replaced both distributor gear carbon brushes. Set the points using a T-150 mag tool and reassembled both mags. Found both magnetos in Airworthy condition. Installed the magnetos on the engine and timed in accordance with the engine data plate. Test ran the engine and both mags functioned satisfactorily. This aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in Airworthy condition. Pertinent details of this inspection are on file at this agency under work order number 14-8390.		
Roger E. Smith	3442201 I.A.	
Carier Aircraft Inc. Sebring, FL		

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
Date: 9/11/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1741.20; Total Time: 1741.20; Engine - Type: IO-520 BB, S/N: 578354, Time: 1741.20; Prop - Type: 3A32G406 G/G-82NDB-2, S/N: 871693, Time: 635.50		Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. This work completed in accordance with Teledyne Continental IO-520 Overhaul Manual P/N X30040A and This work performed in accordance with the Current Beech 33, 35, 36 Maintenance Manual P/N 36-590001-9. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8527. 9/11/2014 ROGER E. SMITH  UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.

NOT OF ORDER

Date: 4/15/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1695.50; Total Time: 1695.50; Engine - Type: IO-520 BB, S/N: 578354, Time: 1695.50; Prop - Type: 3A32G406 G/G-82NDB-2, S/N: 871693, Time: 589.80		Installed a new Hartzell Engine Technologies 24 volt 100 amp alternator P/N ALV-9610, S/N H-O031023. A Continental Motors alternator drive coupling (elastomer) was installed on the alternator and then tested in accordance with Teledyne Continental Service Bulletin SB11-3, Dated 93/17/2010. The torque slippage test exceeded 180 in. lb per the specifications for a new coupler contained in the Service Bulletin. Using a new gasket the alternator was installed in accordance with Teledyne Continental IO-520 Overhaul Manual P/N X30040A and Teledyne Continental IO-520 Parts Catalog P/N X30040A, as pulled up on the INTERNET under TCM Link. The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8424. 4/15/2015 ROGER E. SMITH  UW4R585M. Carter Aircraft, Inc. Repair Station, Sebring FL.
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DATE

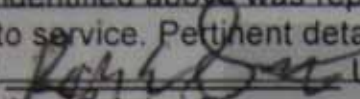
TIME

AGENCY & CERTIFICATE NO.

Date: 12/20/2014; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1778.40; Total Time: 1778.40; Engine - Type: IO-520 -BB, S/N: 578354, Time: 1778.40; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 672.70

Opened the cowlings and washed the engine down with solvent. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and was found AIRWORTHY for return to service. Pertinent details of this repair are on file at this agency under Work Order Number 8594.

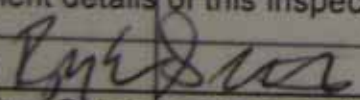
12/20/2014 ROGER E. SMITH  UW4R585M

Carter Aircraft, Inc. Repair Station, Sebring FL.

Date: 4/24/2015; Aircraft: N1235C; Type: BEECH F33A; S/N: CE-1235; Tach: 1785.40; Total Time: 1785.40; Engine - Type: IO-520 -BB, S/N: 578354, Time: 1785.40; Prop - Type: 3A32C406-C/G-82NDB-2, S/N: 871693, Time: 679.70

Completed Annual inspection check list this date on this engine. Drained all of the hot oil out of the engine sump. Removed the oil filter and cut open. Inspected the oil filter element and no metal contamination was found inside. Filled the engine with Phillips X/C 20W-50wt. oil and installed a new CH48109-1 filter. Test ran the engine and inspected for oil leakage. No oil leakage is evident at this time. The compression on this engine is as follows: #1 71/80 #2 70/80 #3 70/80 #4 70/80 #5 72/80 #6 70/80. All of these compressions are within the parameters called out in SB03-3. Replaced broken cigarettes on the top #6 and bottom #5 ignition harness leads. This ignition lead repair and replacement of the cigarette was performed in accordance with Unison Industries L-1178 Service Manual and Slick T-200 ignition Harness Tool Kit. Removed the oil cap and cleaned oily foam out. Treated the cap with rust converter. Cleaned all of the fuel nozzles using a sonic bath machine. Installed the cleaned nozzles in the engine in accordance with the maintenance manual for this engine. This work performed in accordance with Continental Motors "Installation and Maintenance Manual" Form X30674 dated January 2000. Removed the vacuum pump and repositioned the coupler chamber port seal to open the bottom port and close the top port. This work completed in accordance with Tempest Installation Manual/ Operators Manual which covers 200, 3200, 240, 400 series dry air pumps. Manual is not dated, it was received with a new pump 5/29/2014. Removed the right tail pipe and installed an overhauled pipe, P/N 35-950005-57. This work performed in accordance with the Beech 33, 35, 36 Maintenance Manual P/N 36-590001-9 and Beechcraft Bonanza Illustrated Parts Catalog, P/N 33-590010-7F3. Replaced broken Adel fuel line clamp under the #1 cylinder.

This aircraft engine has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition. Pertinent details of this inspection are on file at this agency under work order number 8676. This ANNUAL was completed 4/24/2015.

Roger E. Smith  UW4R585M.

Carter Aircraft, Inc. Sebring FL. Repair Station

TIFFIN AIRE



N1235C Engine Log Date 04/21/2016 Tach 1841.2 Total Time 1841.2

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH BEECH INSPECTION GUIDE 36-590001-9. COMPRESSION 1) 76/80, 2) 74/80, 3) 74/80, 4) 76/80, 5) 72/80, 6) 76/80. DRAINED OIL. RETREIVED OIL SAMPLE, INSPECTED OIL FILTER. INSTALLED 12 QUARTS PHILLIPS 20W50 X/C OIL AND CH48109-1 FILTER. REMOVED EXHAUST SYSTEM FOR INSPECTION, REINSTALLED WITH NEW LEFT MUFFLER P/N A701-20 S/N 46444 ASSEMBLED WITH ANTI-SIZE AND NEW HARDWARE. CHECKED MAG TIMING. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. INSPECTED INJECTOR SCREEN. CHECKED CONTROL MOVEMENT. REPLACED VACUUM PUMP AA3216CW S/N 06PB15 WITH NEW GASKET AND HARDWARE. REPLACED STAND-BY VACUUM PUMP AA3216CW S/N 07M602 WITH NEW GASKET AND HARDWARE. REPLACED 2 EACH VACUUM SUPPLY FILTERS AA2J4-7 AND AIR INLET FILTERS AA-D9-14-5. REPLACED VACUUM CHECK VALVE ASSEMBLY P/N 50-324473. WASHED AND OPERATIONALLY TESTED ENGINE - OK. ALL APPLICABLE A.D.'S THROUGH 2016-08 COMPLIED WITH. INDUCTION FILTER DUE FOR REPLACEMENT AT TACH 2057.9 OR ON CONDITION PER A.D. 84-26-02.

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

Work performed by Tiffin Aire, Inc.

Signature

IA3462159

DATE

TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Aviation Sales, Inc.
501 North Dixie Drive Vandalia, OH 45377

TACH: 1871.6

ENGINE LOG

DATE: 09/02/2016

REGISTRATION NUMBER: N1235C

MAKE: BEECH

MODEL: F33A

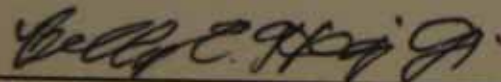
SERIAL: CE-1235

1 CHANGED OIL AND FILTER, SERVICED WITH 12 QUARTS OF AEROSHELL 15W50 OIL AND AA48109
FILTER

2 TOOK OIL SAMPLE

3 GROUND RUN OPS AND LEAK CHECKED GOOD.

THE MAINTENANCE PERFORMED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH FAA REGULATIONS
AND APPROVED FOR RETURN TO SERVICE.



BILLY C. HEGI JR. A/P 3444771

501 North Dixie Drive Vandalia, OH 45377

ENGINE LOG

DATE: 4/21/2017

REGISTRATION NUMBER: N1235C

MAKE: RATHEON

MODEL: F33A

SERIAL: CE1235

Tach: 1886.9

ACTT: 1886.9

Engine TT: 1886.9

1. Completed an annual inspection in accordance with FAR 91.409 using the Textron F33A maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-70/80, 2-70/80, 3-70/80, 4-74/80, 5-68/80, 6-75/80.
3. Changed the oil and filter. Inspected the filter and no defects noted. Serviced with Aeroshell 15W50 oil.
4. Adjusted idle and mixture.
5. AD 2016-16-12 does not apply to this engine. ECI cylinders not installed.
6. All above described work completed in accordance with the Textron F33A maintenance manual.
7. AD's verified thru current issue.
8. Ground run and checked good.

THE MAINTENANCE PERFORMED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH FAA REGULATIONS AND APPROVED FOR RETURN TO SERVICE.

Bill C. Higgins AP3444771 I/A

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 5931928	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215				5. Work Order/Contract/Invoice Number: 2933405	
6. Item: 50	7. Description: OIL FILTER	8. Part Number: AA48109	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 24038					
13a. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			14. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies this work, otherwise specified in Block 12, the work identified in Block 12 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: 		13c. Approval/Authorization No.: PC4		14b. Authorized Signature: 	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd/mm/yyyy): 12/Dec/2017		14c. Date (dd/mm/yyyy):	
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 Blocks 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.					

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005

RECORD

77

Each: 1927.6
CTT: 1927.6
Engine TT: 1927.6

using the Textron F33A maintenance manual

d. Installed a new AA48109 oil filter and

180.

on F33A maintenance manual.

ACCORDANCE WITH FAA REGULATIONS

BUKAL. MARYA. AT2499111JA

ENGINE LOG

DATE: 4/02/2018

REGISTRATION NUMBER: N1235C

MAKE: RATHEON

MODEL: F33A

SERIAL: CE1235

Tach: 1927.6

ACTT: 1927.6

Engine TT: 1927.6

1. Completed an annual inspection in accordance with FAR 91.409 using the Textron F33A maintenance manual as a guide and this engine has been determined to be airworthy.
2. Changed the oil and filter. Inspected the filter and no defects noted. Installed a new AA48109 oil filter serviced with Aeroshell 15W50 oil.
3. Compressions: 1-73/80, 2-64/80, 3-72/80, 4-72/80, 5-74/80, 6-75/80.
4. Replaced all of the spark plugs with new RHB32E plugs.
5. All above described work completed in accordance with the Textron F33A maintenance manual.
6. AD's verified thru current issue.
7. Ground run and checked good.

THE MAINTENANCE PERFORMED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH FAA REGS AND APPROVED FOR RETURN TO SERVICE.

Billy C. Hargis AP3444771 IA

DATE

TOTAL
TIME

INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

Aviation Sales, Inc.

501 North Dixie Drive Vandalia, OH 45377

ENGINE LOG

DATE: 10/23/2018

REGISTRATION NUMBER: N1235C

MAKE: RATHEON

MODEL: F33A

SERIAL: CE1235

Tach: 1950.9

ACTT: 1950.9

1. Changed the oil and filter. Inspected the filter and no defects noted. Installed a new AA48109 filter and serviced with Aeroshell 15W50 oil.
2. Ground run and checked good.

THE MAINTENANCE PERFORMED ABOVE HAS BEEN PERFORMED IN ACCORDANCE WITH FAA REGULATIONS AND APPROVED FOR RETURN TO SERVICE.

Bill C. Rejz - AP7744771

Aviation Sales, Inc.

10600 Springboro Pike Miamisburg, OH 45342



N1235C

HM: 1957.7

Engine TT: 1957.7

05/13/2019

ACTT: 1957.7

1. Completed an annual inspection in accordance with FAR 91.409 using the Raytheon F33A maintenance manual as a guide and this engine has been determined to be airworthy.
2. Compressions: 1-72/80, 2-66/80, 3-72/80, 4-72/80, 5-76/80, 6-76/80.
3. Changed the oil and filter. Inspected the filter and no defects noted. Installed a new AA48109 filter and serviced with Aeroshell 15W50 oil.
4. AD's verified thru current issue.
5. All above described work completed in accordance with the Raytheon F33A maintenance manual.
6. Run up and checked good.

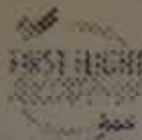
I certify that the above described work has been completed in accordance with current FAA regulations and the aircraft and/or appliance is approved for return to service.

INSPECTION & MAINTENANCE RECORD

TOTAL
WORK ORDER

INSPECTION OR MAINTENANCE PERFORMED

ENGINE MODEL:
IO-520-BR(18)B
ENGINE SN: 578354
REG NO: N1235C
WORK ORDER:
31704-06-2020



First Flight Aviation

10600 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 937-885-5580

DATE: 6/15/2020
AVC TSN: 1973.4
ENG TT: 1973.4
TACH: 1973.4

Engine Entries

(3) Completed Annual inspection in accordance with FAR 91.409, referencing the Textron F33A maintenance manual. This engine has been determined to be airworthy. AD's researched thru current date.

(5) Changed oil and filter, cut open and inspected old filter, no defects noted. Serviced engine with Aeroshell 15W50 and AA48109 filter.

(6) Took Aviation Laboratories oil sample.

(7) Checked Compression - 1) 72/80; 2) 63/80; 3) 70/80; 4) 70/80; 5) 69/80; 6) 69/80, MO 45/80.

(13) Removed Cleaned and reinstalled oil drain. ops check normal. serviced engine with Aeroshell 15W50.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
The aircraft and/or component(s) on N1235C was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 31704-06-2020

DATE: 6/15/2020

SIGNED:

Sparks, Justin, IA: 3442636

A handwritten signature in black ink, appearing to read "Justin Sparks", written over a horizontal line.

Work Order: 31704-06-2020

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