

N4316W

Book #2

## Airborne

### Air Filter Change Reminder

Changed at: 4425.0 Hrs. Next Change: \_\_\_\_\_ Hrs.

11/30/07 Date



09-14-5 RA 14-7 Aerospace

The Standard  
**AIRCRAFT LOG**

ASA-SA-2

**Aircraft Record** General Information

Manufacturer BEECH AIRCRAFT CORP. Model F33A  
Serial CE-485 Registration Number N 4316W  
Date of Manufacture 02/05/74

**Engine(s) currently installed: (11-07-91)**

Manufacturer CONTINENTAL Model 10-550-B4F Serial 281635-R  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

**Propeller(s) currently installed:**

Manufacturer MCCAWLEY Model D3A-32C 409-C/G 82 NDB-2  
HUB Model \_\_\_\_\_ Serial 911688 Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial LF 093 Serial LF 100 Serial LF 117  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

DATE ● 2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
05/09/01	0228.7		4075.6	<p>Removed altimeter, overhauled and re-installed. Repaired flap indicator circuit board, adjusted sending unit and reinstalled all units. Operations check okay. Repacked both brake cylinders, re-installed and bled system. Swung compass and installed correction card. Repaired internal altimeter light bar. Installed new post-light on flap position indicator. Tested ELT, 100W FAR 91.27(d). Installed new ELT battery. Next due May 2003.</p> <p>Robert J. Keating A1298288034.</p>

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
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LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE

MIDLAND, TEXAS 79706

FAA REPAIR STATION QA9R719J

4/12/2001 BEECHCRAFT F33A S/N CE-485 N4316W TACH:220HRS

TESTED ALTIMETER UNITED P/N 5934-A67 S/N A609 FOR ACCURACY IN ACCORDANCE WITH FAR

91.11 PART 43 APPENDIX E TO 20KFT. TESTED TCI D120-P2-T ENCODER IN ACCORDANCE WITH

FAR 91.411 AND 91.217b. TESTED KING KT-79 TRANSPONDER IN ACCORDANCE WITH FAR 91.413

PART 43 APPENDIX F. TESTED PITOT/STATIC SYSTEM FOR LEAKS IN ACCORDANCE WITH FAR

91.411. SEE ATTACHED CERTIFICATION TAGS. SIGNED *Donald Hayfner* FOR QUALITY AVIONICS

FAA REPAIR STATION QA9R719J-----

01/07/02	TACH 4146.0			Removed A110R single probe EGT and mechanical TACH and cable. Installed
				JPI-EGT 701 temperature indicating system for 6 probe EGT and CAT, JPI
				FS-450 fuel flow indicating system and Horizon Instrument P-1000
				Electronic Digital Tach. all work accomplished IAW appropriate
				instruction manuals under applicable STC's. Weight and balance
				updated and Flight Manual Supplements placed in flight manual
				(See FORM 337 dated this date). Digital Tach shows actual aircraft
				time in service 4146.0. Robert J. Keating AP 2982880341A

DATE <i>2002</i>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE

MIDLAND, TEXAS 79706

FAA REPAIR STATION QA9R719J

1/7/2002 BEECHCRAFT F33A S/N CE-485 N4316W TACH: 4146HRS

REMOVED EXISTING KING KNS-80 RNAV, KY-197 COMM TRANSCEIVER, AND APPOLLO LORAN C.  
 INSTALLED GARMIN GNS-430 COMBINATION GPS, COMM, NAV. ALSO INSTALLED KING KN-64 DME.  
 GPS IS NOT APPROVED FOR IFR. INSTALLED PLACARD 'GPS NOT APPROVED FOR IFR' ON PILOT'S  
 INSTRUMENT PANEL. SEE FAA FORM DATED 1/7/02 FOR DETAILS. SIGNED *Donald Hauffer*  
 QUALITY AVIONICS FAA REPAIR STATION QA9R719J-----

<i>02/07/02</i>	<i>TACH 4149.3</i>	<i>A/TOT 4149.3</i>	<i>Complied with annual inspection. IAW applicable check list. Opened all panels. Inspected and lubed all cables, flight controls, bell cranks, rod ends and pulleys. Checked flight controls and flaps for proper operation. Cleaned fuel strainer and resealed. →</i>
			<i>(cont next page)</i>

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
02/07/02				<p>(Continued from previous page) Installed Eagle Technologies Co. Beechcraft quick drains in left and right fuel cells under STC SA01110CH. Washed down wheel wells. Greased wheel bearings. Changed all tires. Replaced with Good Year Flight Custom II tires. Replaced left brake caliper O-rings and bleed brakes. Replaced right flap cable end bushing. Performed retraction test. Checked door fit. Lubed all landing gear fittings. Adjust right engine gear door. Serviced struts with nitrogen to proper height. Serviced battery. Checked EIS 10W FAN 91-207(d). Checked lights and stall warning system. Checked pitot heat.</p> <p>No AD's due at this time. (See recurring AD listing.)</p> <p>I CERTIFY THAT THIS <u>aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL INSP.</u> AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. FOR RETURN TO SERVICE.</p> <p>ROBERT J. KEATING, A &amp; P 298288034  <i>Robert J. Keating</i> A &amp; P 298288034/14</p>

DATE 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
02/23/02	4153.0			Removed both main struts replaced O-Rings Cleaned struts, serviced with oil and air. Checked operation. Robert J. Keating AP 298288034
03/25/02	4154.0			Removed and replaced all six cylinders IAW applicable instructions. Replaced left muffler. See engine log for complete details. Robert J. Keating AP 298288034
06/22/02	4185.0			Replaced voltage regulator Beech P/N 35-380093-2 with ZEPHYRUS voltage regulator P/N R.1503B. Operational check satisfactory. Robert J. Keating AP 298288034.
06/22/02	4185.0			Replaced alternator with ElectroSystems ALX-9524R S/N C040972 overhauled unit and replaced coupling Assy. with hard overhauled LC-5367-5N unit. Operational check satisfactory Robert J. Keating AP 298288034

DATE 2003	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
03/26/03	4231.2			<p>Complied with annual inspection 18W applicable check list. Opened all panels. Inspected and lubed all pulleys, bellwinds rod ends, cables and flight controls for condition, operation and security. Removed and replaced turn coordinator and storm scope system after overhaul. Replaced all instrument pressure system filters. Replace flap access covers in wheel wells. Replace main gear up-lock anti-ice covers, uplock springs and tension springs. Replaced nose gear steering and retract rod boots. Tightened nose steering system. Removed overhauled and replaced shimmy damper. Checked fuel pumps, cleaned fuel strainer. Replaced O-rings on fuel caps. Performed gear retraction check both normal and emergency. Serviced battery. Cleaned battery box replaced ECT battery. Checked ECT 18W FAR 91-207(e) Checked AD's through 2003-05 issue. None due at this time.</p> <p>I CERTIFY THAT THIS <u>airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL 18W</u>. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. FOR RETURN TO SERVICE.</p> <p>ROBERT J. KEATING, A &amp; P 298288034          Robert J. Keating AP 298288034</p>



DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries)
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LOGBOOK ENTRY FORM  
QUALITY AVIONICS  
9619 WRIGHT DRIVE  
MIDLAND, TEXAS 79706

FAA REPAIR STATION QA9R719J

5/5/2003 BEECHCRAFT F33A S/N CE-485 N4316W ACTT: 4243.7HRS  
TESTED ALTIMETER UNITED P/N 5934-A67 S/N A609 AND TCI D120-P2-T ENCODER S/N 48797 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 74-24-13 PREVIOUSLY COMPLIED WITH. TESTED KING KT-79 TRANSPONDER IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. TESTED PITOT/STATIC SYSTEM FOR LEAKS IN ACCORDANCE WITH FAR 91.411. SEE ATTACHED CERTIFICATION TAGS. SIGNED Donald Kayper FOR QUALITY AVIONICS FAA REPAIR STATION QA9R719J

04/01/04	TACH 4314.1	ACTT 4314.1	Complied with annual inspection (see applicable check list. Opened all panels. Inspected and lubed all flight controls, pulleys, cables, bell cranks, rod end and cables. Cleaned fuel strainer and sumped fuel tanks. Checked fuel caps. Performed retraction test both normal and emergency. Adjusted left nose gear door (Cont. next page)
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
04/01/04				<p>Continued from previous page). Lubed all gear fittings. Repacked wheel bearings. Checked brakes and serviced hyd. system. Checked all lights, pitot heat and stall warning. Serviced struts with nitrogen. Checked ELT 10W FFR 91-207(d). Checked skimming dampeners for proper service. Serviced battery. Checked AD's through release 2004-05. No new AD's and none due at this time.</p>
				<p>I CERTIFY THAT THIS <u>airframe</u>          HAS BEEN INSPECTED IN ACCORDANCE          WITH AN <u>ANNUAL IWSR.</u> AND WAS          DETERMINED TO BE IN AIRWORTHY          CONDITION. FOR RETURN TO SERVICE.</p>
				<p>ROBERT J. KEATING, A &amp; P 298288034</p>
				<p>Robert J. Keating AP 2982880341A</p>
07/20/04	4342.2			<p>Installed new Concorde RG-35AXC aircraft battery, S/N 40021764. Operational check satisfactory. Robert J. Keating AP 298288034</p>

DATE <del>2004</del>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/22/04	4352.0 <sup>TT</sup>			<p>Removed interior window trim, side panels, headliner and floor panels. Installed FAA approved sound<sup>5x</sup> insulation on all cabin skin, belly, sides, and top of fuselage in cabin area. Replaced headliner, floor and side panels. Installed new window interior moulding from Vantage Airplane Plastics. Installed new pilots side window and door window without frames and with vent windows from Great Lakes Aero Products. Installation IAW STC SA000690CH. Installed new carpeting FAA-PMIA approved from Airtex. Complied with AD 95-04-03 IAW Raytheon Revised Service Bulletin SB 53-2360, Rev 1. No defects found. All aircraft systems checked for proper operation and aircraft returned to service.</p> <p>Robert J. Keating AP 295288034 IA.</p>

DATE 2004	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/19/04	4353.0			Installed M-20 AIR/OIL Separator Model 300 B HW STC SA 02033 AT and applicable instructions. Operational check satisfactory. Robert J. Keating A & P 298288034 IA
04/01/05	4359.0			Complied with annual inspection IAW applicable check list. Opened all panels inspected, lubed and checked all flight controls, pulleys, bell crank and rod ends. Cleaned fuel strainer and sumped tanks. Checked fuel caps. Performed retraction test. Serviced gear box. Checked brakes and serviced hubed gear and gear doors. Greased wheel bearings. Serviced struts with nitrogen. Checked battery box and battery. Complied with EIT check IAW FAR 91-20 (d). Installed new battery. Due 03/2007 Checked exterior and interior lights and pitot heat. Installed Lo Presti Boom Beam landing light IAW STC SA 02279 AT. Checked all AD's. See recurring AD List. No AD's due at this time.

I CERTIFY THAT THIS airframe  
 HAS BEEN INSPECTED IN ACCORDANCE  
 WITH AN ANNUAL INSP. AND WAS  
 DETERMINED TO BE IN AIRWORTHY  
 CONDITION. FOR RETURN TO SERVICE.

ROBERT J. KEATING, A & P 298288034  
 Robert J. Keating A & P 298288034 IA

## LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE

MIDLAND, TEXAS 79711

FAA REPAIR STATION QA9R719J

3/2/2006 BEEHCRAFT F33A S/N CE-485 N4316W ACTT: 4398.7HRS

TESTED ALTIMETER P/N5934-A67 S/N A609 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 86-05-02 N/A BY SERIAL NUMBER. AD 74-24-13 PREVIOUSLY COMPLIED WITH (WHITE DOT). TESTED ENCODER IN AIRCRAFT FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 AND FOR ACCURACY CORRESPONDENCE IN ACCORDANCE WITH FAR 91.217b. TESTED PITOT/STATIC SYTEM FOR LEAKS IN ACCORDANCE WITH FAR 91.411. TESTED KING KT-79 TRANSPONDER FOR PROPER OPERATION IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. SEE ATTACHED CERTIFICATION TAGS. SIGNED Donald Kasper FOR QUALITY AVIONICS  
FAA REPAIR STATION QA9R719J-----

10/16/2006	TACW 4408.1	Complied with annual inspection 14w applicable check list. Opened all panels. Inspected and lubed all flight controls, pulleys, bell cranks and rod ends. Drained fuel sumps, checked fuel caps for condition. Performed retraction test both normal and emergency. Checked battery box and battery. Complied with FAR 91-207(d) on B.T. (cont next page)
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DATE 2006	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>continued from previous page.) Checked all lights both interior and exterior. Checked AD'S through release # 2006-20/21 Greased wheel bearings. Lubed gear and doors. Serviced shiving dampener. Checked battery box and cables. Serviced brake system. Checked brakes. Cleaned fuel strainer and checked boost pump. Checked stall warning and pitot heat. No airframes AD'S due at this time.</p>
				<p>I CERTIFY THAT THIS <u>airframe</u>          HAS BEEN INSPECTED IN ACCORDANCE          WITH A <u>ANNUAL MSP.</u> AND WAS          DETERMINED TO BE IN AIRWORTHY          CONDITION. FOR RETURN TO SERVICE          ROBERT J. KEATING, A &amp; P 298288034  <i>Robert J. Keating A P 298288034 IA</i></p>

DATE 2007	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
05/24/07	TACH 4417.8			Complied with AD 2002-08-04 on McCauley propeller. Installed required placard and visually inspected propeller blades per ASB 248 instructions paragraph h(3). Paragraph h(1) and (2) complied with 08/05/2005 by Gene Star Propeller, Midland, Tx. Total time since new is 1103.6 hours. Robert J. Keating AP 2982580341A

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AHR AVIATION CRS#CF2R740R  
SAN ANTONIO INTERNATIONAL A/P

N4316W

S/N CE-485

W/O# 31696

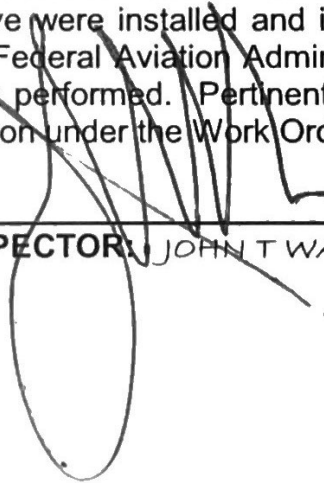
**LOG BOOK ENTRY**

REMOVED GARMIN GNS430 P/N011-00280-10 S/N 97105611 AND GA56 GPS ANTENNA S/N59060754. INSTALLED GARMIN GNS430W P/N011-01060-40 S/N97105611, GA35 GPS ANTENNA S/N25147, AND 2EA. 582-10A0BOC3F4L5N15 GPS ANNUNCIATORS. SEE 337 THIS DATE FOR DETAILS OF WAAS INSTALL. UPDATED WEIGHT AND BALANCE AND EQUIPMENT LIST. NEW FLIGHT MANUAL SUPPLEMENT PLACED IN AIRCRAFT FLIGHT MANUAL FOR 430W WAAS UNIT. The components identified above were installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service for work performed. Pertinent details of the installation are on file at this Repair Station under the Work Order Number stated above.

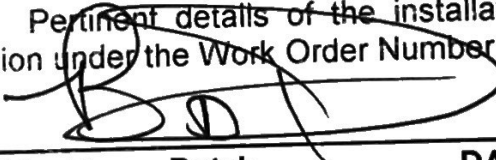
**INSPECTOR:**  JOHN T. WAMPLER

**DATE** 9-25-07



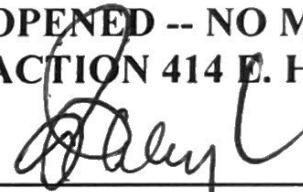
DATE ① _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: center;"> <b>AHR AVIATION CRS#CF2R740R</b>  <b>SAN ANTONIO INTERNATIONAL A/P</b> </p> <p> <u>N4316W</u>                      <u>S/N CE-485</u>                      <u>W/O# 31696</u> </p> <p style="text-align: center;"><b>LOG BOOK ENTRY</b></p> <p>           REMOVED BENDIX/KINGKX155 NAV/COM, KR87 ADF, KI227 ADF IND.,            KA44B LOOP INSTALLED GUARDIAN AERO 452 CO2 SYSTEM, GARMIN            SL30 NAV COM, GA43 SERLIZER,GDL69A XM REC. AND GA55 XM            ANTENNA, GMX200 MFD,.B&amp;C SPECIALTY BC410-1 STANDBY            ALTERNATOR SEE 337 THIS DATE FOR DETAILS OF WAAS INSTALL.            UPDATED WEIGHT AND BALANCE AND EQUIPMENT LIST.FAA            APPROVED FLIGHT MANUAL SUPPLEMENTS The components identified            above were installed and inspected in accordance with current regulations of            the Federal Aviation Administration and are approved for return to service for            work performed. Pertinent details of the installation are on file at this Repair            Station under the Work Order Number stated above.         </p> <p> <b>INSPECTOR:</b>  JOHN T WAMPLER         </p> <p style="text-align: right;"><b>DATE 9-25-07</b></p>

DATE 2007 10	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/23/07	4425.0		4425.0	<p>Completed with annual inspection 14CFR applicable check list. Opened all panels. Inspected and lubed all pulleys cables, flight controls, hinges, bell cranks and rod ends. Greased fuel sumps, checked cap o-rings, cleaned fuel strainers. Checked gear system both normal and emergency. Checked all lights and pitot heat and stall warning. Greased wheel bearings. Resealed left brake caliper. Serviced brake system. Greased landing gear system. Checked battery and battery box for condition. Checked ECT, 1PW For 91-207(d) changed ECT battery. Next due December 2009. Replaced all instrument pressure system filters. No airframe AD's due at this time.</p> <p>I CERTIFY THAT THIS <u>airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL INSP.</u> AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. FOR RETURN TO SERVICE.</p> <p>ROBERT J. KEATING, A &amp; P 298282034  <i>Robert J. Keating AP298288034/A</i></p>

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p style="text-align: center;"> <b>AHR AVIATION CRS#CF2R740R</b>  <b>SAN ANTONIO INTERNATIONAL A/P</b>   <u><b>N4316W S/N CE-485 W/O#31929 HM N/A</b></u>   <b>LOG BOOK ENTRY</b>            Complied with Garmin S.B. 0717rev A. Ramp check is good. The components identified above were installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service for work performed. Pertinent details of the installation are on file at this Repair Station under the Work Order Number stated above.         </p> <p style="text-align: center;">   <b>INSPECTOR: Bryan Potyk</b> </p> <p style="text-align: right;"> <b>DATE 10-08-07</b> </p>

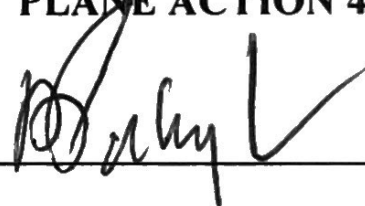
DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/17/08	?	INSTALL	OVERHAULED	ATTITUDE GYRO P/W
	•	52067	S/N T39944J	RUN & CK FOR OPERATION
		MOC	C/W	Satis <u>Al Pakcyk A&amp;P 158007</u>

DATE: BEEHCRAFT F33A S/N CE-485 N4316W ---- TT 4470 - OIL CHANGE WITH AEROSHELL 100W, OIL FILTER CHANGED, FILTER OPENED -- NO METAL NOTED, BATTERY INSPECTED. RUN-UP NO LEAKS. PLANE ACTION 414 E. HILLMONT ROAD, ODESSA, TX 79765



AL PAKCYK A&P 158007

DATE: 5/5/08 BEEHCRAFT F33A S/N CE-485 N4316W --- TT 4465 - RESHIM PROP AND REPAIR GROOVES IN PROP SHANK & REPAINT. PLANE ACTION 414 E. HILLMONT ROAD, ODESSA, TX 79765.



AL PAKCYK A&P 158007

DATE 2008 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

LOGBOOK ENTRY FORM  
 QUALITY AVIONICS  
 9619 WRIGHT DRIVE  
 MIDLAND, TEXAS 79711

FAA REPAIR STATION QA9R719J

12/16/08 BEEHCRAFT F33A S/N CE-485 N4316W ACTT: 4493.7HRS  
 TESTED ALTIMETER P/N5934-A67 S/N A609 FOR ACCURACY IN ACCORDANCE WITH FAR  
 91.411 PART 43 APPENDIX E TO 20KFT. AD 86-05-02 N/A BY SERIAL NUMBER. AD 74-24-13  
 PREVIOUSLY COMPLIED WITH (WHITE DOT). TESTED ENCODER IN AIRCRAFT FOR  
 ACCURACY IN ACCORDANCE WITH FAR 91.411 AND FOR ACCURACY CORRESPONDENCE IN  
 ACCORDANCE WITH FAR 91.217b. TESTED PITOT/STATIC SYTEM FOR LEAKS IN  
 ACCORDANCE WITH FAR 91.411. TESTED KING KT-79 TRANSPONDER FOR PROPER  
 OPERATION IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. SEE ATTACHED  
 CERTIFICATION TAGS. SIGNED Donald Keifner FOR QUALITY AVIONICS  
 FAA REPAIR STATION QA9R719J

DATE 10 2009	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
01/10/09	4493.7		4493.7	<p>Complied with annual inspection 1909 applicable checklist. Opened all panels. Inspected and lubed all flight controls, pulleys, cables, bell cranks and rod ends. Changed inst. air system filters. Repaired fuel leak fuel selector valve. Replaced o-rings on fuel caps. Washed down landing gear and lubed. Changed left brake pads. Serviced brake system. Greased wheel bearings. Serviced nose strut with oil and air. Replaced left main gear down lock spring and shimmed nose gear down lock spring. Checked gear and door operation both normal and emergency. Replaced aircraft battery. Checked SW 1AW FAR 91-207(d). Checked all lights, stall warning and pitot heat. C/w AD 2008-13-17, replaced circuit breaker toggle switches as required with new Beck parts. No other AP's due at this time.</p> <p>I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSP. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION FOR RETURN TO SERVICE.</p> <p>ROBERT J KEATING A&amp;P 1396765          Robert J. Keating 13967651A  <small>© 1991 ASA</small></p>

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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LOGBOOK ENTRY FORM  
 QUALITY AVIONICS  
 9619 WRIGHT DRIVE  
 MIDLAND, TEXAS 79711

FAA REPAIR STATION QA9R719J

4/22/2010 BEEHCRAFT F33A S/N CE-485 N4316W TACH: 4540.82HRS  
 TESTED ALTIMETER P/N 5934-A67 S/N A609 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 74-24-13 PREVIOUSLY COMPLIED WITH (WHITE DOT). AD 86-05-02 N/A BY SERIAL NUMBER. TESTED BLIND ENCODER FOR ACCURACY IN ACCORDANCE WITH FAR 91.411. TESTED KING KT-79 TRANSPONDER FOR PROPER OPERATION IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. TESTED PITOT AND STATIC SYSTEMS FOR LEAKS IN ACCORDANCE WITH FAR 91.411. SEE ATTACHED CERTIFICATION TAGS. SIGNED *Donald Heepner* QUALITY AVIONICS FAA CRS QA9R719J


DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
THIS <u>ACFT</u> ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION BY <u>[Signature]</u> <u>1580072IA</u> PERTINENT DETAILS OF THIS INSPECTION ARE ON FILE AT THIS AGENCY UNDER NO. _____ DATE <u>5/11/10</u> TT <u>454082</u>				OPEN ALL PANELS + INSPECT + LUBE ALL CONTROLS BULLCRANKS POSA. PULL RODS CHECK TIRES + BRAKES CHANGE MAIN TIRES PAUL ALL WHEEL BEARINGS SERVICED HYD SYSTEM QW GEAR SWING NORMAL + EMERGENCY LUBE GEAR CHECK TRANSMISSION FLUID REPLACED BATTERY ON ELT + DUE MAY 12 CHECK FOR OPERATION 1AW 91-207D CHECK ALL LIGHTS STALL WARNING QW AD 2007-08-08 UPLOCK ROBECKS DUE 100ARS AD 2009-25-01 NA DUE TO S/N CHECK ALL AD'S TO DATE — END —
		Plane Action 7000 Andrews Hwy. Odessa, Tx. 79701		



DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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





  
AHR AVIATION

AHR AVIATION CRS#CF2R740R  
SAN ANTONIO INTERNATIONAL A/P

  
AHR AVIATION

N4316W            S/N CE-485                          W/O# 34959                          HOBBS: 4543.00

**Performed the Following:**

-  REMOVED THE FOLLOWING EQUIPMENT: GARMIN SL30, KING KMA24, KING KI209, KING KT79 AND A ELT 10.
-  INSTALLED A GARMIN GNS430W AND GARMIN GI106A CDI PER GARMIN STC INSTALLATION MANUAL P/N 190-00356-02 REV B DEC2008 AND STC AML # SA01933LA-D.
-  INSTALLED GARMIN GMA340 AUDIO PANEL AND A GARMIN GTX 327 TRANSPONDER IN PLACE OF ABOVE REMOVED UNITS PER APPLICABLE GARMIN INSTALLATION MANUALS AND REFERENCED STC'S.
-  INSTALLED AN ARTEX ME406 ELT IN PLACE OF THE REMOVED ELT10 PER THE ARTEX ME406 INSTALLATION MANUAL. HEX ID IS **ADCC40348000315** COUNTRY CODE **366** BATTERY EXPIRATION DATE **MAY 2016**
-  INSTALLED A STBY ATTITUDE INDICATOR P/N 4200-10 PER MANFC INSTRUCTIONS.
-  WEIGHT AND BALANCE RECOMPUTED THIS DATE.

*The components identified above were installed and inspected in accordance with current regulations of the Federal Aviation Administration and are approved for return to service for work performed. Pertinent details of the installation are on file at this Repair Station under the Work Order Number stated above.*

**INSPECTOR:** Bryan D Potyk

**DATE:** 07/06/2010

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>OPEN ALL PANELS &amp; INSPECT LUBE          ALL CONTROLS Bell cranks posit - pull          Rods ck ALL TIRES &amp; BRAKES REPLACES          PADS ON R/H BRAKE PACK ALL          WHEEL BEARINGS QW QUAR SWING          NORMAL &amp; EMERGENCY SERVICE          AND SYSTEM LUBE LOG &amp; ck          TRANSMISSION ck ELT Roc          DATE &amp; OPERATION I/A/W 91-207          BATTERY DUE MAY 16 ck ALL          LIGHTS QW AD 2007-08-08 U/LOCK          ROLLERS DUE 100 HRS ck ALL          AD'S TO DATE — END —</p>

THIS ACFT WAS INSPECTED IN  
 ACCORDANCE WITH A ANNUAL

INSPECTION AND FOUND TO BE  
 IN AIRWORTHY CONDITION BY  
Devin AIP 1580072 IA

PERTINENT DETAILS OF THIS INSPECTION  
 ARE ON FILE AT THIS AGENCY UNDER  
 NO. \_\_\_\_\_ DATE 4/1/11 TT 4554.0

Plane Action  
 7000 Andrews Hwy.  
 Odessa, Tx 79765

LOGBOOK ENTRY FORM

QUALITY AVIONICS

9619 WRIGHT DRIVE

MIDLAND, TEXAS 79711

FAA REPAIR STATION QA9R719J

8/22/2012 BEEHCRAFT F33A S/N CE-485 N4316W TACH: 4583.4 HRS

TESTED ALTIMETER P/N 5934-A67 S/N A609 FOR ACCURACY IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E TO 20KFT. AD 74-24-13 PREVIOUSLY COMPLIED WITH (WHITE DOT). AD 86-05-02 N/A BY SERIAL NUMBER. TESTED BLIND ENCODER FOR ACCURACY IN AIRCRAFT IN ACCORDANCE WITH FAR 91.411 PART 43 APPENDIX E AND FOR CORRELATION IN ACCORDANCE WITH FAR 91.217b. TESTED GARMIN GTX-327 TRANSPONDER FOR PROPER OPERATION IN ACCORDANCE WITH FAR 91.413 PART 43 APPENDIX F. TESTED PITOT AND STATIC SYSTEMS FOR LEAKS IN ACCORDANCE WITH FAR 91.411. SEE ATTACHED CERTIFICATION TAGS. SIGNED Donald Kayner FOR QUALITY AVIONICS  
FAA REPAIR STATION QA9R719J

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				<p>open all panels &amp; inspect lube            All controls Bellcranks push-pull            Rods ck all TIRES &amp; Brakes patch            All wheel Bearings lube 209            CW gear swing NORMAL &amp;            emergency service HYD system            ck all lights &amp; fuel 2LT for            date &amp; operation DUE 5/16            CW AD 07-08-08 UPLOCK ROLLERS            AD 95-04-03 REC@4852 CK            ALL AD'S TO DATE — END —</p>

THIS ACFT WAS INSPECTED IN  
 ACCORDANCE WITH A ANNUAL  
 INSPECTION AND FOUND TO BE  
 IN AIRWORTHY CONDITION BY  
Ben L AFD 1580072IA  
 PERTINENT DETAILS OF THIS INSPECTION  
 ARE ON FILE AT THIS AGENCY UNDER

NO. \_\_\_\_\_ DATE 3/26/12 TT 4883.0

Plane Action  
 7000 Andrews Hwy.  
 Odessa, Tx. 79765

DATE 19____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Make: Beech

Model: F33A

S/N: CE-485

N4316W

Tach:4630.18

AFTT: 4630.18

**West Texas Aero**

7000 Andrews Hwy

Odessa, TX 79765

432-552-7691

**9/6/2013**

**AIRFRAME**

I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition. AD research completed through biweekly 2013-16

1. Complied with annual inspection IAW FAR 43 Appendix D and applicable Beechcraft Bonanza annual inspection checklist.
2. Replaced o-rings in left brake caliper. Installed new brake pads. Bleed brake system.
3. Replaced rubber grommets on landing light wiring.
4. Replace engine shock mounts with new P/N J10520-1.
5. Replaced all fluid carrying hoses in engine compartment with all new hoses.
6. Replaced engine induction air boot with new.




DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

7. Replaced all vacuum system filters with new.
8. Replaced taxi light with new Whelen LED light.
9. Removed Garmin GX200, sent in for repair and reinstalled.
10. Removed airspeed indicator and replaced with overhauled airspeed indicator with true airspeed function, marked per aircraft Type Certificate Data Sheet.
11. Removed altimeter and blind encoder, sent in for certification, reinstalled. See quality avionics log book entry for certification.
12. C/W AD 95-04-03 by dye penetrant of front spar for cracks.
13. C/W AD 95-03-14 Inspection of engine mount bracket.
14. C/W 76-07-12 Bendix Ignition Switch inspection.

This aircraft was repaired and inspected IAW current Federal Aviation Regulations and is approved for return to service.

Dan Webre Jr  
AP3501544IA




DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/25/13	4632			PO: 601792    LOT: 10-16717  P/N: 11-03882 LOC: 25CC 419330651 <b>CONCORDE SEALED BATTERY RG-35AXC</b>  <i>Battery change [Signature], — John Holland</i>

WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765

DECEMBER 02, 2014 N4316W BEECH F33A S/N: CE-485 TACH: 4658.35 AFTT: 4658.3

MCCAULEY D3A#2C409C S/N: 911688 PROP TT: 1321.95 PROP SMOH: 1321.95

PROPELLER

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AD RESEARCH COMPLETED THROUGH BIWEEKLY 2014-20.

COMPLIED WITH ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND APPLICABLE BEECHCRAFT BONANZA ANNUAL INSPECTION CHECKLIST.

THIS PROPELLER WAS REPAIRED AND INSPECTED IAW CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

DAN WEBRE JR  
AP3501544IA



**\*NOTE\* THE 2014 ANNUAL ENTRY IS IN THE PROP LOG**

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**Skyline Aviation**  
**8926 Hanger Road, San Angelo, Texas 76904**  
**N4316W Bonanza F33A Serial No. CE-485 Tach Time: 4674.5**

**Date: February 5, 2015**

**Accomplished the following maintenance & inspection items:**

Replaced right fuel indicator p/n 58380075-21 with p/n 58-380075-19 s/n B05-10639 due to broken indicating needle with operational check completed

  
**Andrew M. Bush**  
**AP 3456641 IA**

  
**Kelby Edmiston**  
**TX DL 20019677**

**Skyline Aviation**  
**8926 Hanger Road, San Angelo, Texas 76904**  
**N4316W Bonanza F33A Serial No. CE-485 Tach Time: 4697.5**

**Date: March 31, 2015**


**Accomplished the following maintenance & inspection items:**

Removed Beech shimmy damper and installed Lord shimmy damper p/n SE-1076-1 in accordance with STC SA00609DE see log books for installation /continued airworthiness guides and 337 form

Replaced oil seal in started adapter housing engine run up with no discrepancies noted

**I certify that this work has been done in accordance with Bonanza maintenance manuals/Lord installation instructions and was determined to be in Air Worthy condition as of the date of this inspection.**

  
**Andrew M. Bush**  
**AP 3456641 IA**

  
**Kelby Edmiston**  
**TX DL 20019677**



DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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The following ATC transponder(s) have been tested in accordance with and found to comply to FAR 91.217(b) FAR 91.413 and FAR 43, Appendix F

Transponder	Serial No.
#1. <u>677327</u>	<u>S2849174</u>
#2. _____	_____

The following Altimeter(s), Encoder(s), or Static system(s) have been tested in accordance with and found to comply to FAR 91.411 and FAR 43, Appendix E and FAR 91.217(b).

System	Altimeter	S/N	ALT-TESTED-TO
1. <u>P-R-L-T</u>	<u>934-ALT</u>	<u>A109</u>	<u>20K</u>
	<u>NA</u>		

Pertinent details of this inspection are on file at this Repair Station under W.O.# 2026 A/R# 43160  
 Date 6/24-15 Signed [Signature]

Date: 6/23/2015; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485  
 Tach 4704.6

Installed the B.A.S. Inertia Reel Shoulder Harness System., per the B.A.S. Instructions. The Inertia Reels were mounted on factory installed brackets, for that purpose. Installed a Mountain View Aviation Door Steward per Mountain view instructions, and STC SA01120SE. FAA form 337 submitted.

Tach Time 4704.6 Date: 6-23-15 Sig. Rodney Robles Cert# Acp 2021393 1A  
 Rocket Aviation, LP Plainview, TX

Date: 7/22/2015; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485  
 Tach 4719.9

Removed the elevators, and replaced the inboard elevator hinge bearing p/n MS27640-4, on both elevators. The rigging was not changed during this process. Removed the fuel strainer, inspected, and cleaned the strainer, replaced the quick drain o-ring. Tested the system for leaks. Checked good.

Hour Meter 4719.9 Date 7-22-15 Sig. Rodney Robles Cert# Acp 2021393

Date: 1/20/2016

Tach 4737.82 Aircraft Total 4737.82 Annual inspection completed this date per Beechcraft checklist. AD Notes checked to date. Complied with 76-07-12 by an operational grounding test of the mag switch. Checked good. Due again at 4837.82 tach. AD Note 95-04-03 Front spar inspection is due next at 5158.35 per previous entry's. The paper air filter has 378.8 hours on it. Replacement due at 4859.0, per AD Note 84-26-02, or on condition. See the AD Note log for a complete AD Note status. Cleaned, Inspected, and relubed the wheel bearings. Lubed all landing gear lube points. Inspected the the landing gear system per the landing gear checklist. Checked the uplock clearances. Checked the up, and down tensions. Checked the dynamic braking action of the gear motor. Checked the gear transmission worm gear end play. Inspected the uplock springs. Resealed the left brake caliper. Bled the brakes. Serviced the tire pressure. Replaced the nose gear tire, and tube. Balanced the nose tire/wheel assy. as needed. Cleaned, and painted the nose wheel. Ran a complete landing gear operational test. Serviced the gear transmission oil. Checked the lights, and pitot heat. Checked all cables, pulleys, pushrods, and hinge points. Inspected the battery installation. Inspected the ELT installation per FAR 91.207(d). Replaced the ELT battery. The battery date is October 2021. The ELT checked good. Replaced the vacuum system, and instrument filters as needed. Inspected the fuel screen. The fuel screen checked good, and had no trash at this time. Lubed all airframe lube points as needed. I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and is determined to be in AIRWORTHY condition.

Tach Time 4737.8 Total Time 4737.8 Eng. TT 1433.6 Eng. SMOH N/A

Date 1-20-16 Sig. Ronald Robbins Cert.# 1A2021393 ELT Bat, Date 10/2021  
Rocket Aviation, Plainview, TX

Date: 7/07/2016; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485

Tach 4774.0

Removed the fuel quantity sending units for overhaul by Keystone Instrument Services. Reinstalled the units with new gaskets. Checked for leaks. Release tags attached.

Tach Time 4774.0 Date: 7-7-2016 Sig. Ronald Robbins Cert# AEP 2021393  
Rocket Aviation, LP Plainview, TX

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Ezell Avionics, 228 PR 150-1, Breckenridge, TX 76424 FAA Repair Station ZZ6R885B

08-03-2016 N4316W Beech Model F33A S/N: CE-485 Tach: 4790.24

Installed Lonestar Cyclone 21 Avionics cooling Fan s/n: 003-0124613 with hoses to Both GNS-430 units and GTX-327. Ops checked good. Weight and balance change negligible.

Signed  \_\_\_\_\_  
 Approved for Return to service

Date: 2/03/2017; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485  
 Tach 4825.92 Aircraft Total 4825.92

Annual Inspection completed this date per the Beechcraft checklist. AD Notes checked to date. No AD Notes were found on the airframe that need action at this time. Complied with the Appliances AD 76-07-12 by an operational grounding test of the mag switch. Checked good. Due again at 4925.92 tach. See the AD Note log for a complete AD Note status. Cleaned, inspected, and relubed the wheel bearings. Lubed all landing gear lube points. Turned the main tires around on the wheels to even the tire wear. Inspected the landing gear per the landing gear inspection procedure. Checked the up, and down tensions. Checked the worm gear end play. Checked the dynamic braking. Ran a landing gear operational test. Serviced the landing gear transmission oil. Inspected, and cleaned the fuel strainer. Replaced the fuel cap o-rings. Checked the lights, and pitot heat. Cleaned the ground connection on the tail nav light. Replaced the vacuum pump inlet filter, and the inline filter to the instruments. Checked all cables, pulleys, pushrods, and hinge points. Inspected the battery installation. Inspected the ELT installation per FAR 91.207(d). The ELT checked good. The ELT battery date is October 2021.

I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and is determined to be in AIRWORTHY condition.

Tach Time 4825.92 Total Time 4825.92 Eng. TT 1521.72 Eng. SMOH N/A

Date 2-3-2017 Sig. Ronald J Rollins Cert.# 1A 2021393 ELT Bat, Date 10/2021

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



Date: 3/09/2018; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485

Tach 4880.4 Total 4880.4

Annual Inspection completed this date per the Beechcraft checklist. AD Notes checked to date. Complied with the following, 76-07-12 by an operational grounding test of the mag switch. Checked good. Due again at 4980.4 tach.

84-26-02 by replacing the engine air filter. Due again at 5380.4, or on condition.

See the AD Note log for a complete AD Note status.

Cleaned, inspected, and relubed the wheel bearings. Replaced the nose wheel bearings, and races. Serviced the tires. Serviced the brake hydraulic oil. Lubed the landing gear lube points. Inspected the landing gear system per the gear checklist. Checked the down tensions. Checked the uplock rollers, and the uplock roller clearance. Checked the worm gear end play, and the dynamic braking of the gear motor. Ran a landing gear operational test, and gear door inspection. Serviced the Gear transmission oil.

Inspected, and serviced the fuel strainer. Replaced the fuel cap o-rings. Checked all lights, stall warning, and pitot heat.

Checked the cables, pulleys, push rods, and hinge points.

Inspected the aircraft battery installation. Inspected the ELT installation per FAR 91.207(d). The ELT checked good. The ELT battery date is October 2021.

I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and is determined to be in AIRWORTHY condition.

Tach Time 4880.4 Total Time 4880.4 Eng. TT ~~1576.2~~ Eng. SMOH N/A

Date 3-9-2018 Sig. Randy Robles Cert.# 1A2021393 ELT Bat. Date 10/2021  
 Rocket Aviation, Plainview, TX

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DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)



# ACS AVIONICS

The Premier Austin Completion Center  
 209 Airport Road      www.acsatx.com  
 Taylor, Texas 76574      **CRS # WCHR539X**

**Work Order:** R4163  
**Registration #:** N4316W  
**Model:** F33A  
**Serial Number:** CE-485  
**Hobbs/TT:** 4895.51

**1. Nav Flag will not pull and Autopilot will not follow heading bug**

Troubleshoot – Sent KI 525A for repair. Reinstalled KI 525A IAW Bendix/King KI 525A Pictorial Navigation Indicator Maintenance Manual 006-15621-0007. No discrepancies noted.

**Sent for Repair** KI 525A

**P/N:** 066-3046-00

**S/N:** 3927

**Maintenance Release:** The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: R4163.

**Inspector's Signature:**

*[Handwritten Signature]*  
 \_\_\_\_\_  
**FAA CRS # WCHR539X**

**Date:** July 2, 2018

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 4/08/2019; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485

Tach 4933.1 Aircraft Total 4933.1

Annual Inspection completed this date per the Beechcraft checklist. AD Notes checked to date. Complied with 76-07-12 by an operational grounding test of the mag switch. Checked good. Due again at 5033.1. See the AD Note log for a complete AD Note status. Cleaned, inspected, and relubed the wheel bearings. Lubed the landing gear lube points. Turned the left main tire around on the wheel to even the wear pattern. Serviced the tire pressures. Serviced the brakes. Inspected the landing gear per the inspection guide. Checked the down tensions. Checked the worm gear end play. Checked the dynamic braking action. Checked, and adjusted the uplock clearances. Ran a landing gear operational test. Checked the gear door rigging. Serviced the landing gear transmission oil.

Checked all cables, pulleys, push rods, and hinge points. Removed the safety wire from the turn buckles on the aileron cables that are under the middle seats. The turn buckles checked good. Resafetied, and sprayed with corrosin inhibitor. Capped off the heat duct, and left the hose out that runs above the right side turn buckle. Checked the lights, pitot heat, and stall warning. Replaced one of the two rotating beacon lamps. Inspected, and serviced the fuel strainer. Replaced the fuel cap o-rings. Inspected the battery installation. Inspected the ELT installation per FAR 91.207(d). The ELT checked good. The ELT battery date is October 2021. Inspected the door steward per the ICA items #1, #2, #3, and #4.

I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and is determined to be in AIRWORTHY condition.

Tach Time 4933.1 Total Time 4933.1 Eng. TT 1628.9 Eng. SMOH N/A

Date 4/8/2019 Sig. Ronald Y. Rabby Cert.# IA2021393 ELT Bat, Date 10/2021  
 Rocket Aviation, Plainview, TX


DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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April 28, 2020

**Bonanza N4316WS CE-485 AFTT 5016.59**

Removed Garmin GTX-327 Transponder. Installed Avidyne AXP-340 ADS-B Out Transponder Kit # 850-00219-000/Part # 200-00247-000 S/N 01568 IAW Avidyne AXP-340 Installation Manual P/N 600-00308-000 Revision: 03. Removed Transponder Stub Antenna, replaced with blade style. Removed RG8 single shielded coax cable, installed RG-400 Double shielded cable between Transponder and Antenna. Flight test/ADS-B test passed.

Dated 4/28/20 AFTT/Tach 5016.59 Grant Nokes 316943520 IA RT of L



Date: 1/28/2020; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485  
Tach 5002.9

Replaced the electric boost pump with an overhauled pump from Aircraft Accessories of Oklahoma. Pressure test, and operational test good.

Tach Time 5002.9 Date: 1-23-2020 Sig. Roady Bell Cert# AP 2021393  
Rocket Aviation, LP Plainview, TX

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 5/27/2020; Aircraft: N4316W; Type: Beechcraft F33A; S/N: CE 485

Tach 5017.1 Aircraft Total 5017.1

Annual Inspection completed this date per the Beechcraft checklist. AD Notes checked to date. Complied with the following, 19-23-10 Had been previously complied with per the American Bonanza Society procedures on 4/8/2019.

76-07-12 by an operational grounding test of the mag switch, checked good. Due again at 5117.1 tach.

See the AD Note log for a complete AD Note status.

Cleaned, Inspected, and relubed the wheel bearings. Lubed the landing gear lube points. Resealed both brake calipers. Replaced the all brake linings. Serviced the brake system hydraulic oil. Inspected the landing gear, and landing gear rigging per the landing gear checklist. The down tensions at this time are left 42.9, right 63.8, nose 51.6. The up lock clearances checked good. The dynamic braking checked good. Ran a landing gear operational test. Inspected the gear door rigging. Serviced the landing gear transmission oil.

Inspected, and cleaned the fuel strainer. Replaced the fuel cap o-rings. Replaced both of the fuel gauge system printed circuit boards with new Avstat parts. Calibrated per the Beechcraft maintenance manual.

Checked all cables, pulleys, pushrods, and hinge points. Checked the lights, and pitot heat. Inspected the aircraft battery installation. Inspected the ELT installation per FAR 91.207(d). The ELT checked good. The ELT battery date is October 2021.

I certify that this Aircraft has been inspected in accordance with an ANNUAL Inspection and is determined to be in AIRWORTHY

condition.

Tach Time 5017.1 Total Time 5017.1 Eng. TT 1712.9 Eng. SMOH N/A

Date 5/27/2020 Sig. Ronald J. Robbins Cert.# IA 2021393 ELT Bat, Date 10/2021

Rocket Aviation, Plainview, TX

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DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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10/13/2020 N4316W Beechcraft F33A S/N CE-485 TTAF/Tach 5060.83

R & R #2 Garmin 430W s/n 23427494. Garmin RMA 127766894.

Okay for return to service.



Grant Nokes 316943520 IA

# LUBBOCK AERO

6304 N. Cedar Ave. Lubbock, TX 79403 Phone: 806-747-5101 Fax: 806-767-8000

Date: 2/11/2021 N-4316W Make: Beech Model: F33A  
S/N: CE-485 Tach: 5085.2

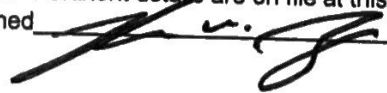
The Pitot / Static, Altimeter, Transponder and Automatic Pressure Altitude Reporting Systems were tested and found to comply IAW Part 43 Appendix E and F, as required by FAR 91.411 and FAR 91.413. Systems were tested to 20,000 feet.

Pilots Altimeter: P/N: 5934-A67, S/N: A609

Encoder: P/N: D120-P2-T, S/N: 48796

Transponder: M/N: AXP340, P/N: 200-00247-000, S/N: 01568

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair station under Work Order No. A22596 Date 2/11/2021 Signed \_\_\_\_\_ (CRS#4B0R190D)



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				

## ***LUBBOCK AERO***

6304 N. Cedar Ave., Lubbock, TX 79403

Date: 2-23-21 Tail#: N4316W Make: Beech Model: F33A

S/N: CE-485 Tach: 302305.6

Removed tires and took apart wheel half from tires. Installed new tires and tubes on to wheel half and torqued nuts and bolts in AMM spec. Size of new tires are 7.00-6 & P/N706C66-3 S/N LH80152032 RH71082095

*James Hervey*

James Hervey A&P 3558876


Airframe LogBook Beech Model: F33A Serial#: CE485 N4316W

Tach: 5112.0 TT: 5112.0

Performed Annual Inspection in reference to Beechcraft Corporation Maintenance Manual Checklist.

Performed engine run-up. Checked starter, fuel flow & fuel pressure.

Checked control column, trim control & trim indicator. Checked rudder pedal operation. Inspected windows & doors; adjusted door latch. Inspected seats, seat rails & tracks, and seat belts. Checked emergency exit hatch release handle & latch assembly.

Removed inspection plates & inspected cables. Lubricated pivots, rollers and pulleys as needed. Inspected flaps, flap motors & shafts. Checked Flap Limit Switches. Inspected and lubricated flap hinges, ailerons & aileron hinges.

Inspected Landing Gear. Performed both normal & emergency gear retraction. Lubricated landing gear. Checked Gear Doors & Linkage. Inspected brakes, brake lines, linings & discs; refilled brake reservoirs. Cleaned, inspected & repacked wheel bearings. Inspected wheels & tires. Checked tire pressures.

Inspected injection system, fuel lines and auxiliary fuel pump.

Tested ELT battery in reference to ICA by Ack Technologies for Model E-01 ELT Changed ELT Battery, using ARTex ELT, 110-4, P/N 452-0130. Battery is due to be replaced in July 2028.

Inspected battery & battery box.

Checked cable tensions.

Inspected tail section. Checked cables and lubricated pulleys.

Replaced inspection plates on wings & tail section. Cleaned fuel strainer.

Checked Auxiliary Fuel Pump & Fuel Lines.

Checked external lights. Checked Stall Warning & Pitot Heat.

**Researched ICAs ( Instructions for Continued Airworthiness & complied with the following:**

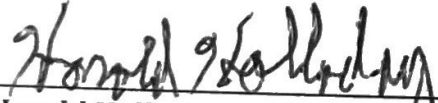
ELT Battery - Inspected per instructions in IAC by Ack Technologies for Model E-01. Inspections due every 12 months; next due in June 2022.

Lord Shimmy Dampers, P/N SE-1076-1: visually inspected. Lubricated shimmy damper pivots.

**Researched applicable AD's and complied with the following applicable AD's:**

**19-23-10: Right Aileron Flight Control Cable End Fittings:** CW-Complied with by Inspection

**I certify that this airframe has been inspected in reference to a 100 hr/Annual Inspection and was determined to be in an airworthy condition.**

  
Harold Holladay A&P 3173828 IA  
Date: 02 June 2021

<b>ACR ELECTRONICS, Inc.</b>	
Artex Products - CAGE Code 18560	
Fort Lauderdale, FL 33312	
LOG BOOK ENTRY	<u>June 2021</u>
E.L.T. BATTERY	
REPLACEMENT DATE	<u>June 2023</u>

**Alterations**  
# Number of  
specific entries.)

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ACS Avionics LLC**  
 510 S. Hangar Drive  
 Georgetown, TX 78628  
 512-352-6525 www.acsatx.com  
**CRS # WCHR539X**

**Work Order:** C3833  
**Registration #:** N4316W  
**Model:** F33A  
**Serial Number:** CE-485  
**Hobbs/TT:** 4420.84

**1. Altimeter Certification**

I certify that the altimeter system and altitude reporting equipment has been tested as required by 14 CFR PART 91.411 and was found to comply with PART 43 Appendix E.

<b>Tested</b>	Encoder	<b>P/N:</b> SAE5-35	<b>S/N:</b> 7838	Tested to 20k feet
<b>Tested</b>	Altimeter	<b>P/N:</b> 5934-A67	<b>S/N:</b> A509	Tested to 20k feet

**2. Transponder Certification**

I certify that the ATC Transponder(s) has been tested as required by 14 CFR PART 91.413 and was found to comply with PART 43 Appendix F.

<b>Tested</b>	GTX 327	<b>P/N:</b> 011-00490-00	<b>S/N:</b> 83749141	Mode A/C
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**Maintenance Release:** The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: C3833.

**Inspector's Signature:**

**FAA CRS # WCHR539X**

**Date:** October 24, 2018

DATE 19 ____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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**ACS Avionics, LLC**  
 510 S. Hangar Drive  
 Georgetown, Texas 78628  
 (512) 352-6525 • www.acsatx.com  
**CRS # WCHR539X**

**Work Order: R4196**  
**Registration #: N4316W**  
**Model: F33A**  
**Serial Number: CE-485**  
**Hobbs/TT: 4420.84**

**1. When turning - HSI sticking**

Troubleshoot - sent Directional Gyro and Slaving Accessory for evaluation. Reinstalled repaired Directional Gyro and bench checked Slaving Accessory IAW AC 43.13-2B Chapter 2. No discrepancies noted.

**Sent for Repair** KA 51 Slaving Accessory  
**Sent for Repair** KG 102A

**P/N:** 071-1053-00  
**P/N:** 060-0015-00

**S/N:** 1287  
**S/N:** 23198

**2. Pitot Static Leak**

Troubleshoot Aircraft static system and found cracked static lines and faulty fittings. Removed and replaced pitot static lines and fittings. Performed Static Leak Check IAW AC 43.13-1B Chapter 12. No discrepancies noted.

**Maintenance Release:** The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations. found to be airworthy and approved for return to service with respect to work accomplished. A detailed record of this maintenance is maintained referencing Work Order: R4196.

**Inspector's Signature:** \_\_\_\_\_


*[Handwritten Signature]*  
**FAA CRS # WCHR539X**

**Date:** October 24, 2018

Wingmaster Aircraft LLC Lubbock Executive Airpark

MAKE	Beech	MODEL	F33A	SERIAL #	CE-485
AIRCRAFT	N4316W	ENG TOT TIME	1830.61	TACH TIME	5134.81
DATE	11/18/21	ACFT TOT TIME	5134.81	TSMOH	1830.61

R&R LH main landing gear extension rod w/new PN 35-815125-12. Installed and rigged IAW AMM. performed gear swing ops check good. CW AD 95-04-03 by dye pen inspection, no defects noted. Next due Tach 5634.81.

Nick Odom  A&P/IA #

# LUBBOCK AERO

6304 N. Cedar Ave, Lubbock, TX 79403 Phone: 806-747-5101 Fax: 806-767-8000

Date: 05/10/2022      N4316W      Make: BEECH      Model: F33A  
 S/N: CE-485      TACH: 5174.5

Installed GDL 52 mounting bracket to glareshield. Installed bare wire harness P/N: 010-11686-40.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair station under Work Order No.: A24978      Date: 05/10/2022

Signed  (CRS#4B0R190D)

**Date:** 06/13/2022

**Hours:** TT 5183.10 TACH 5183.10

**Tail:** N4316W

**Make:** Beechcraft

**Model:** F33A

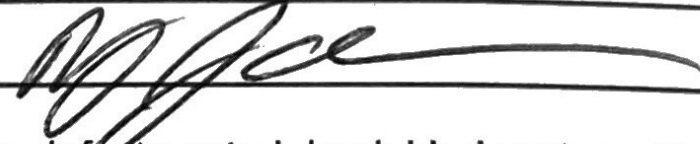
**S/N:** CE-485

**Name:** Randy Anderson

**Cert:** 3686010 A&P IA

**Co:**

**Signed:**



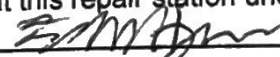
Lubed aircraft as required. Inspected brakes, rotors, and calipers. No defects noted, back bled system. Cleaned, inspected, repacked, and reinstalled wheel bearings, no defects noted. Cleaned air filter. Replaced vacuum filter. I certify that this AIRFRAME has been inspected IAW an annual inspection and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D using a Beech Aircraft Corp. service manual for reference. Complied with ELT functional test FAR 91.207 (d), batteries due replacement July 2030. Aircraft ground ran, no defects noted. See AD summary for completions.


# LUBBOCK AERO

6304 N. Cedar Ave, Lubbock, TX 79403 Phone: 806-747-5101 Fax: 806-767-8000

Date: 06/03/2022 N4316W Make: BEECH Model: F33A  
 S/N: CE-485 TACH: 5,181.8

Removed GMX 200 P/N: 011-01271-00 S/N: 38300783 from A/C. Relocated units in radio stack previously below GMX 200 upwards. Fabricated and installed rack supports and covers and secured all wiring as needed per AC 43.13-1B and 43.13-2A.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair station under Work Order No.: A25107 Date: 06/03/2022  
 Signed  (CRS#4B0R190D)

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

## Wingmaster Aircraft LLC

MAKE	Beech	MODEL	F33A	SERIAL #	CE-485
AIRCRAFT	4316W	ENG TOT TIME	na	TACH TIME	5194.81
DATE	7/14/22	ACFT TOT TIME	5194.81	TSMOH	1890.61

Removed and replaced co pilot door window w/new from Great Lakes Aero PN W T-2222. IAW instructions provided in STC SA00690CH.

Nick Odom 

A&P/IA # 3560008



DA1

Date: 06/20/2023

Hours: TACH 5238.0 ATT 5238.0

Tail: N4316W

19

Make: Beechcraft

Model: F33A

S/N: CE-485

Name: Randy Anderson

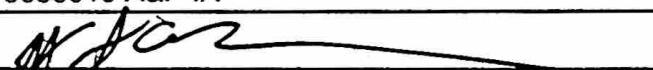
Cert: 3686010 A&P IA

Co:

Signed:



Performed landing gear retraction test five times, no defects noted. Lubed aircraft as required. Inspected cables, all are within tolerance. Inspected brakes, rotors, and calipers, no defects noted. Back bled system. Replaced one left main bearing, and nose wheel bearing. Cleaned and inspected remaining wheel bearings, no defects noted. Cleaned air filter. Replaced vacuum filters. Complied with ELT functional test FAR 91.207 (d), batteries due replacement July 2030. I certify that this AIRFRAME has been inspected IAW an annual inspection and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D using a Beechcraft service manual for reference. Aircraft ground ran, no defects noted. See AD summary for completions.



**Date:** 06/20/2023      **Hours:** TACH 5238.0 ATT 5238.0      **Tail:** N4316W  
**Make:** Beechcraft      **Model:** F33A      **S/N:** CE-485  
**Name:** Randy Anderson      **Cert:** 3686010 A&P IA  
**Co:**      **Signed:** 

Performed landing gear retraction test five times, no defects noted. Lubed aircraft as required. Inspected cables, all are within tolerance. Inspected brakes, rotors, and calipers, no defects noted. Back bled system. Replaced one left main bearing, and nose wheel bearing. Cleaned and inspected remaining wheel bearings, no defects noted. Cleaned air filter. Replaced vacuum filters. Complied with ELT functional test FAR 91.207 (d), batteries due replacement July 2030. I certify that this AIRFRAME has been inspected IAW an annual inspection and found to be in an AIRWORTHY condition. Inspected IAW the scope and detail of Part 43 Appendix D using a Beechcraft service manual for reference. Aircraft ground ran, no defects noted. See AD summary for completions.

**South Delta Aviation**      **Helena-West Helena, AR 72390**      **870-572-9011**  
**N4316W**      **Date: 7-12-24**  
**Tach: 5262.9**      **ELT: 7-2028**      **TTA: 5262.9**

Completed annual inspection this date: Removed IO-550-B, s/n 281635-R and installed IO-520-BB, s/n 298608-R with all new engine mounts and hardware. This removes the incorporation of STC SA2682NW and returns aircraft to TCDS 3A15, Rev. 99 configuration. Submitted FAA form 337 to reflect change. See engine log book for details. Replaced breather tube p/n 35-910007-13. Replaced right hand exhaust stack p/n A35-950005-39M. Checked cables, pulleys, bellcranks, hinges and bearings. Checked lighting. Serviced battery. Checked ELT in accordance with FAR 91.207(d). Jacked aircraft. Performed landing gear retraction/extension test in normal and emergency modes – found satisfactory operation in both. Repacked all wheel bearings and replaced all brake pads. C/W AD76-07-12R1 by operational check of Bendix switch. See AD list in aircraft records for details of compliance.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION.

  
Michael D. Schlesselman  
A&P346989IA