



AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 411032 N3UY

RECORD NUMBER 1

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE, & NUMBER
	HOURS	10THS		
4-18-08	0	0	Complied with SB-07-002 Section I-Pilot Action	<i>Arthur S. Parish</i> Arthur S. Parish Commercial 2671316
5/8/08	6	8	ELT certified and tested per FAR 91.207D. ELT battery expiration date is JULY 2013. Airworthiness Directives complied with through Bi-weekly 2008-09. Ignition Key #XB205407 Door Key #6035 The G1000 System Software installed in this aircraft is Cessna Software Configuration File P/N 006-0534-08 The G1000 System ID number is 27FEE19E3 This aircraft has been inspected and found in compliance with the requirements of CFR 21.183 and all mandatory changes. The Transponder GTX 33 S/N 89106291 was inspected and tested on 4/15/08 and is in compliance with the CFR 91.413. The Static Pressure System was inspected and tested on 4/14/08. The GDC and altimeter have been inspected and tested and are in compliance with CFR 91.217 and 91.411 to an altitude of 25,000 ft. GDC74A S/N 47808689 Test Date 4/15/08. Altimeter S/N 175690 Test Date 4/15/08. A Standard Certificate of Airworthiness dated <u>05/08/2008</u> has been issued.	<i>Mike Harder</i> Mike Harder OASRE 100129CE

MAINTENANCE RECORD

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DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
			<p>Cessna Model LC41-550FG, Registration No. N3UY, Serial No. 411032</p> <p>1. Review and complied AD up to AD Bi-Weekly Listing 2009-19, effective date September 14, 2009.</p> <p>2. Complied with Time Limits & Special Inspection Items:</p> <ul style="list-style-type: none"> a. Fuel Nozzles – next inspection due at 300 Hours TIS. b. Aileron linear bearing for foreign object debris – next inspection due at each 184 Hours or September 2010 c. Elevator torque tube – next Inspection due at 284 Hours TIS or September 2010. d. Nose Strut Servicing – next service due at 284 Hours or September 2010. e. VCS Compressor – next inspection due at 184 Hours TIS. <p>3. Performed Cold Engine Differential Compression Check. 1-77/80, 2-77/80, 3-78/80, 4-77/80, 5-78/80, 6-78/80.</p> <p>4. Drained engine oil and serviced with Shell W100 (Ashless) to its required level.</p> <p>5. Removed and replaced engine oil filter, P/N-48109-1 (Champion)</p> <p>6. Removed, cleaned, reinstalled spark plugs, P/N-RHB32SB.</p> <p>7. Performed run-up checks iaw Cessna 400 Inspection & Run-up Checklist, Chap. 05-20-00 /page 2 Rev. date -3/10-08.</p>	

I certify that this aircraft, engine, and propeller has been inspected in accordance with the 50-HR, 100-HR, and Annual Inspection and found airworthy and returned to service. Work Order No. 100036

Aircraft Time: 84.7Hours (Hobbs)

Name: Enrico M. Reyes

Signature: 

Date: September 16, 2009

Certificate: 2400133 AP/IA

Wallan Aviation, P.O. Box 3176 Riyadh 11471 Kingdom of Saudi Arabia

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
9/16/09	84.	7	<p>COMPLIED SB 09-27-01 RI - RUDDER REMOVAL - INSPECT HINGES</p> <p>SB 09-34-03 - KIA TO ACFT SN</p> <p>SB 09-53-01 - FORWARD FLOOR INSPECTION</p> <p>SB 09-25-02 - COMPLIANCE OPTIONAL TO INSTALL ARTEX 406.</p>	 JOHN M. REYES EM. REYES 2400133 A&P
01/17/2010	104.	2	<p>(1) COMPLIED WITH AD 2009 09-01 WITH SB09-27-01-^{A2} INSPECTION TO DETECT AND CORRECT DAMAGE, I.E. CRACKING, DEFORMATION, AND DISCOLORATION, IN THE RUDDER HINGES AND THE RUDDER BRACKETS, WHICH COULD RESULT IN THE FAILURE OF THE RUDDER. NEXT INSPECTION DUE AT 150.0H TIS OR JULY 2010 WHICHEVER COMES FIRST.</p> <p>(2) COMPLIED WITH SB 09-21-01 - AIR CONDITIONING HOSE INSPECTION - VISUAL INSPECTION OF THE AIRCON COMPRESSOR HOSES ON THE BACK OF THE ENGINE FOUND NO HEAT DAMAGE - NEXT DUE AT 200H TIS OR ANNUAL INSPECTION.</p>	 JOHN M. REYES ENALCO M. REYES 2400133 A&P January 17, 2010

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
01-17 2010	104.	2	NEXT 100-HOUR INSPECTION DUE AT 184 HOURS TIS AND ANNUAL INSPECTION AT SEPTEMBER 2010	J. ENRICO M. REYES 2400133 A&P/IA
			AD 2007-06-01 RI INSPECTION OF ELEVATOR/AILERON CONTROL BEARINGS COMPLETED WITH NO DEFECTS FOUND.	JANUARY 17, 2010
06 FEBR 2010	119.	8	MSB09-8 INSPECTION COMPLETED WITH NO TCM PART NO. 657913, 657915, OR 657916 LIFTERS INSTALLED ON ENGINE	J. ENRICO M. REYES 2400133 A&P
			SB10-73-01A HAS BEEN ISSUED TO TRANSMIT TCM MSB09-8, VIA OWNER ADVISORY DATED JAN. 18, 2010.	FEB. 6, 2010
01 MAR 2010	127.	0	EMERGENCY AD 2009-24-52 RAPID WEAR ON THE FACE OF HYDRAULIC LIFTERS (P/Ns 657913, 657915 and 657916 at 5, and 6 NOT APPLICABLE TO THIS ENGINE WAS MANUFACTURED BEFORE JUNE 19, 2009 AND HAD NOT ANY HYDRAULIC LIFTERS REPLACED AFTER JUNE 19, 2009. ENGINE NEW APRIL 2, 2008.	J. ENRICO M. REYES 2400133 A&P March 01, 2010

MAINTENANCE RECORD

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DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
March 22 2010	135.	6	<p>PERFORMED 50-HOUR INSPECTION iAN CESSNA 400 MODEL LC41-550 FG MM CHAP 05-20-00 INSTRUCTION FOR CONTINUED AIRWORTHINESS.</p> <p>COMPLIED WITH AD 2009-09-09 -RUDDER HINGES/BRAKETS INSPECTION. DRAINED ENGINE OIL AND OIL FILTER REMOVED</p> <p>REPLENISHED ENGINE OIL 8 USQ AEROSHELL W10D ASHLESS DISPERSANT</p> <p>INSTALLED NEW OIL FILTER P/N CH48169-1</p> <p>CLEANED AND ROTATED SPARK PLUGS P/N RHB32E</p>	
			PERFORMED POST INSPECTION ENGINE RUN FOUND ALL PARAMETERS NORMAL.	ENRICO M. REYES 2400133 ACP March 22, 2010
Sept 2 2010	135.	6	<p>COMPLETED WITH SPECIAL INSPECTION ITEMS</p> <p>1. INSPECTED ALERTON LINEAR BEARING 5 2. INSPECTED ELEVATOR TORQUE TUBE</p> <p>3. SERVICED NOSE STRUT</p>	ENRICO M. REYES 2400133 ACP Sept. 2, 2010

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
10 Nov 2010	135.	6	INSERTED SB 10-11-01, POH REVISION - PROPER USE OF MLG BRAKES TEMPORARY REVISION DATED 13 AUGUST 2010.	J. M. REYES 2400133 A-P
This aircraft has been inspected and found in compliance with the Requirements of 14 CFR 21.183 and all mandatory changes. The Transponder S/N <u>8910629</u> was inspected and tested on <u>JAN 26, 2011</u> And is in compliance with the 14 CFR 91.413. The ADC and Altimeter(s) have been inspected and are in compliance with 14 CFR 91.217 and 91.411 to an altitude of <u>25,000</u> feet. ADC <u>47808689</u> Date: <u>JAN, 26, 2011</u> Altimeter(s) LH <u>175690</u> RH <u>NIA</u> Date: <u>JAN 26, 2011</u> ELT Certified and tested per 14 CFR 91.207(d). The next inspection is due <u>JAN, 26, 2013</u> Signed: <u>WALLAN AVIATION</u> <u>90032</u> Date: <u>JAN 26, 2011</u> Certificate: <u>Adjo 51945v81</u>				
STANDARD ALT (FT)	ALT READING (FT)	STANDARD ALT (FT)	ALT READING (FT)	
-1,000	-1400	12,000	11,980	
0	-3	14,000	13,960	
500	500	16,000	15,940	
1,000	1000	18,000	17,940	
1,500	1500	20,000	19,940	
2,000	2000	22,000	21,940	
3,000	3000	25,000	24,940	
4,000	4000	30,000	29,940	
6,000	6000	35,000		
8,000	7980	40,000		
10,000	9980	45,000		
		50,000		
DATE: <u>JAN 26 2011</u>		TESTED BY: <u>R. Saenz</u>	INSPECTED BY: <u>WALLAN AVIATION</u>	

AIRCRAFT	SERIAL NO.	REGISTRATION	AIRCRAFT TT	DATE
CESSNA 400	411032	N3UY	143.7 TACH	JAN. 26, 2011

DATE	TOTAL TIME IN SERVICE	HOURS	10THS
Jan 26 2011	Tach 143.7		

A. Performed the following inspections in accordance with the Cessna Model LC41-550FG Maintenance

1. Manual Chapter 5-20-00
50/100-Hour and Annual Inspections.

2. Compass Swing
VOR Calibration

4. ELT Test per FAR91.207D

5. Comply with FAA AD up to Bi-Weekly List 2011-02, effective date January 17, 2011.
Emergency AD in last 30 Days-AD2010-26-54-N/A per the aircraft serial number.

B.1 Airframe AD

AD2009-09-09-Rudder Hinge Brackets, C/MW-inspected found no cracks

AD2009-05-05-Avidyne PFD, N/A to installed PFD

AD2008-06-28R1-Avidyne PFD, N/A to installed PFD

AD2007-07-06R1-Aileron and Elevator Control System, C/MW, Inspected.

AD2006-25-08-De-Ice System, N/A to this aircraft

AD2005-12-20-Elevator Torque Tube Assy- C/MW the Inspection, next due on 300 Hours TIS.

B.2 Engine AD

AD2010-11-04-Hydraulic Lifters, N/A, Engine was not manufactured on or after June 19, 2009.

EAD2009-24-52-Hydraulic Lifters, N/A , Engine was not manufactured on or after June 19, 2009.

AD2007-16-10-Kelly Aerospace Power Systems, N/A to the fitted Turbochargers.

AD2004-08-10-Serial Numbered Cylinders, N/A Cylinders not fitted on this engine.

AD99-19-01, No.2 & No.5 Crankshaft Inspections, N/A, Engine not manufactured between Jan.1-Dec. 31, 1998.

B.3 Propeller Ad
AD2005-14-11,Failed Propeller Blade, N/A to Propeller Model.

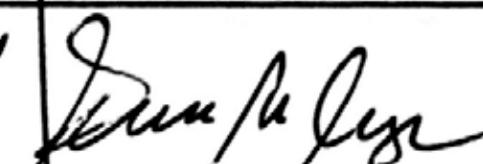
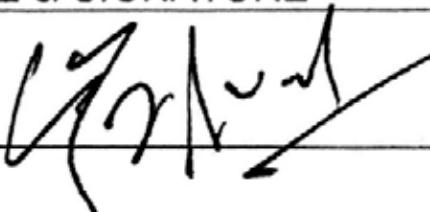
B.4. Appliance – No Repetitive AD

- C. Mandatory Service Bulletins complied as stated in applicable Airworthiness Directives.

I certify that this aircraft, engine and propeller has been inspected in accordance with the 50/100-Hour and Annual Inspections and compliance with the current FAA Federal Aviation Regulations and found airworthy and returned to service.

NAME & SIGNATURE	CERTIFICATE	DATE	WORK ORDER
<i>John M. Oya</i>	2400133 IA	JANUARY 26, 2011	WS121007

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
08 JUNE 2011	143.	7	46 Landing's REMOVED and REPLACED LH MLG BRAKE HOSE ASSY DUE TO LEAK AT THE END FITTING, WHEEL BRAKE SIDE. P/N ON/OFF - AE3663231E 0420, NO SERIAL NUMBERS. CESSNA TRACKING # 3120551 UNDER WA - w/o # CN 110021	 ENRICO M. REYES AP 2400133 IA 08 June 2011
			AIRCRAFT SERIAL NO. REGISTRATION AIRCRAFT TT DATE CESSNA 400 411032 N3UY 143.7 09/30/ 2011	
			New AD AD 2009-09-09 SUPERSEDES by AD 2011-03-04, AD 2009-09-09 Previously complied with on Jan 26, 2011 and ordered new Replacement Kit P/N MK400-27-2 for Rudder hinges per SB 09-27-01 Rev 3, Dated July 20, 2010	
			AD 2010-26-53 SUPERSEDES by AD 2010-26-54, N/A DUE TO SERIAL No:	
			NAME & SIGNATURE CERTIFICATE DATE WORK ORDER Talal Asad  AP411712063IA 09/30/2011 N/A	

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS MINUTES		

I have issued an Export Certificate of Airworthiness this date for a Cessna Aircraft Co.
Model: LC41-550FG, S/N: 411032. The Export Certificate No. is: E460648. -END-



George E. Littlefield III
DART-832601-SO
September 30, 2011

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		



Van Bortel Aircraft Inc.

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4912 S. Collins St

817.468.7788

FAA CRS# VNFR171L

Arlington, TX 76018

Fax: 817.468.5611

www.vanbortel.com

N3UY

H.M. 366.4

Total: 366.4

07/30/2015

W.O. SV4071

Cessna

Model: LC41-550FG

Serial: 411032

SERVICED OXYGEN SYSTEM WITH AVIATORS BREATHING OXYGEN. INSTALLED NEW **LEFT BATTERY**, P/N RG24-10 S/N 40692690. INSTALLED NEW **CARBON MONOXIDE DETECTOR**, P/N 452-201-010 S/N 94676; NEXT DUE 07/2022.

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

A handwritten signature in black ink, appearing to read "PAUL PARK".

MAINTENANCE RECORD



AIRFRAME MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION

411032

N3UY

RECORD NUMBER

3

D5517-2-13

DATE



Van Bortel Aircraft Inc.

4912 S. Collins St., Arlington, TX 76018

FAA CRS# VNFIR171L

N3UY SN: 411032 H/M: 366.4 DATE 02/05/15 W.O. SV3868

The Altimeter systems, Altitude Reporting Equipment and Transponder have been tested and inspected as required by FAR 91.217, 91.411 in accordance with Part 43 Appendix "E" and FAR 91.413 in accordance with Part 43 Appendix "F". Aircraft static systems leak tests good. Altimeter and Air Data tested to 35,000 ft.

Air Data/GDC-74A
Altimeter/Aerosonic
Transponder/GTX-33

PN 011-00882-00	SN 47808689
PN 15035-01102	SN 175690
PN 011-00779-10	SN 89106291

THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE WITH RESPECT TO THE WORK ABOVE. PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

Gary S. Conover
Inspector

NATURE,
TYPE

Altimeter Scale Correction Card

Altitude	Reading	Tolerance	Altitude	Reading	Tolerance
-1000	-10	+/- 20	12000	+20	+/- 90
0	0	+/- 20	14000	-20	+/- 100
500	0	+/- 20	16000	-20	+/- 110
1000	+10	+/- 20	18000	-40	+/- 120
1500	0	+/- 25	20000	-60	+/- 130
2000	+10	+/- 30	22000	-40	+/- 140
3000	0	+/- 30	25000	-60	+/- 155
4000	0	+/- 35	30000	-60	+/- 180
6000	+20	+/- 40	35000	-50	+/- 205
8000	+20	+/- 60			
10000	0	+/- 80			

Altimeter Model: Aerosonic
 Altimeter PN: 15035-01102
 Altimeter SN: 175690
 Checked By: Van Bortel Aircraft, Inc.
 CRS# VNFR171L

WO# SV3868
Date 5-Feb-15

Altimeter Scale Correction Card

Altitude	Reading	Tolerance	Altitude	Reading	Tolerance
-1000	-2	+/- 20	12000	-2	+/- 90
0	-2	+/- 20	14000	-4	+/- 100
500	-2	+/- 20	16000	-4	+/- 110
1000	-2	+/- 20	18000	-4	+/- 120
1500	-2	+/- 25	20000	-4	+/- 130
2000	-2	+/- 30	22000	-5	+/- 140
3000	-2	+/- 30	25000	-5	+/- 155
4000	-2	+/- 35	30000	-5	+/- 180
6000	-2	+/- 40	35000	-5	+/- 205
8000	-2	+/- 60			
10000	-2	+/- 80			

Altimeter Model: GDC-74A
 Altimeter PN: 011-00882-00
 Altimeter SN: 47803689
 Checked By: Van Bortel Aircraft, Inc.
 CRS# VNFR171L

WO# SV3868
Date 5-Feb-15

MAINTENANCE RECORD



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N3UY

H.M. 366.4

Total: 366.4

07/28/2015

W.O. SV3868

MODEL: LC41-550FG

S/N: 411032

PERFORMED A **100 HOUR INSPECTION** IN ACCORDANCE WITH FAR 43 WITH REFERENCE TO THE CESSNA 400 MAINTENANCE MANUAL 400MM04 100 HOUR CHECKLIST. PERFORMED A CONFORMITY INSPECTION TO INSURE COMPLIANCE WITH THE LC41-550FG TYPE CERTIFICATE DATA SHEET A0003SE REVISION 25. INSTALLED ASSIGNED REGISTRATION NUMBER, N3UY, TO FUSELAGE SIDES. REPROGRAMMED ELT, P/N 453-6603 S/N 09686, FOR COUNTRY CODE 366 (USA); NEW 15 DIGIT HEX ID IS ADCC40975800261; WORK PERFORMED BY DALLAS AVIONICS, CRS# QRMR290K, ON THEIR WORK ORDER 76384. INSTALLED NEW **ELT BATTERY**, P/N 452-6499 S/N 359129-084. INSPECTED **ELT** IN ACCORDANCE WITH 91.207(d) WITH NO DEFECTS NOTED; ELT BATTERY DUE REPLACEMENT 06/2020. INSTALLED NEW INDUCTION AIR FILTER, P/N BA345E. CHECKED RESISTANCE OF ALL STATIC WICKS; INSTALLED NEW STATIC WICKS, P/N SD6-0001, ON BOTH WING TIPS AND BOTH HORIZONTAL STABILIZERS. ADJUSTED **LEFT ALTERNATOR BELT TENSION** IN ACCORDANCE WITH 400MM04. CLEANED, INSPECTED AND GREASED ALL WHEEL BEARINGS WITH AEROSHELL 22. TOUCHED UP PAINT ON COWLING AND WHEEL PANTS WITH ORIGINAL PPG GLOBAL PAINT; INSTALLED PAINT PROTECTION FILMS, P/N's FAK-210CC/NOSE, FAK-210CC/NS & FAK-210CC/TB, AND PLACARDS, P/N's 2805110-15 & 2805110-17. INSTALLED NEW ALTERNATE AIR DOOR CABLE, P/N A700-BLACK. INSTALLED NEW DOUBLE ROW FOAM TAPE IN ACCORDANCE WITH SB-05-009B. INSTALLED NEW PLACARD, P/N 2805110-14, ON BAGGAGE DOOR FRAME. INSTALLED OH/EX STANDBY ALTIMETER, P/N 15035-01102 S/N 175690. INSPECTED ALL FOUR SEATS IN ACCORDANCE WITH OREGON AERO DOCUMENT EM-01-01 REV F WITH NO DEFECTS NOTED. INSPECTED ROSEN VISORS IN ACCORDANCE WITH ROSEN DOCUMENT 9051-0138-003 REV C WITH NO DEFECTS NOTED. INSTALLED NEW AIR CONDITIONING CONDENSER, P/N 2136115, AND SERVICED WITH 24 OZ R134a AND 1 OUNCE POE OIL. INSTALLED NEW O-RINGS, P/N MS28775-222, ON RIGHT BRAKE CALIPER. INSTALLED NEW WING WALK TAPE, P/N 3M280. INSTALLED NEW WEATHER SEALS, P/N R581667, ON BOTH DOOR FRAMES. INSTALLED NEW TRACTION TAPE ON CREW ENTRY STEPS. INSTALLED NEW CARBON FIBER PATTERN THRESHOLD COVERS, P/N FAK-CF210/DJ.

LOG ENTRY 1 of 3 – Continued on Next Page

MAINTENANCE RECORD

DATE

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N3UY S/N 411032 LOG ENTRY 2 of 3 (Continued from Previous Page Entry Dated 07/28/2015 Van Bortel Aircraft Work Order **SV3868**)

CESSNA 400 MAINTENANCE MANUAL 400MM04 CHAPTER 4 AIRWORTHINESS LIMITATIONS STATUS:

AIRWORTHINESS LIMITATION	NEXT DUE		AIRWORTHINESS LIMITATION	NEXT DUE	
	DATE	TOTAL TIME		DATE	TOTAL TIME
AIRFRAME CYCLE INSPECTION	-	3000	LEFT ALTERNATOR BELT TENSION	07/2016	833.4
ELT BATTERY	06/2020	-	LEFT ALTERNATOR BELT	11/2018	-
LEFT AIRFRAME BATTERY	09/2015	-	RIGHT AIRFRAME BATTERY	09/2017	-
FRONT & REAR SEAT RESTRAINTS	10/2018	3000	WING ATTACHMENT BOLTS	-	3000
LEFT ALTERNATOR	-	2000	RIGHT ALTERNATOR	-	2000
SPEED BRAKES - CLUTCH LUBRICATION	-	1388.4	SPEED BRAKES - DRIVE ASSY REPLACE	-	5388.4
CARBON MONOXIDE DETECTOR	10/2015	-			

CESSNA SEL-28-04 IS NOT APPLICABLE DUE TO ENGINE SERIAL NUMBER AND NO AFFECTED FUEL PUMPS INSTALLED. SEALED FUEL PRESSURE SWITCH IN ACCORDANCE WITH CESSNA SEB-28-02. UPGRADED GARMIN G1000 SOFTWARE TO VERSION 0534.21 IN ACCORDANCE WITH CESSNA SEB-34-05 AND INSTALLED NEW COCKPIT REFERENCE GUIDE P/N 190-00507-05 REV A. REMOVED LEADING EDGE TURBULATOR TRIANGLES IN ACCORDANCE WITH CESSNA SB08-57-01.

N3UY S/N 411032 LOG ENTRY 3 of 3 (Continued from Previous Page Entry Dated 07/28/2015 Van Bortel Aircraft Work Order SV3868)

COMPLIED WITH **CESSNA SB08-32-01** GEAR LEG CHAFED AREAS WITHIN SB LIMITS AFTER BLEND; TREATED CHAFED AREAS FOR CORROSION PROTECTION PER SB INSTRUCTIONS AND INSTALLED NEW PROTECTIVE TAPE ON LANDING GEAR LEGS, INSTALLED ADDITIONAL PROTECTION AS FOLLOWS: RTV SILICONE SEALANT ON GEAR LEG FAIRING UPPER RIBS AND INSTALLED TAPE ON LOWER END OF GEAR FAIRINGS; REASSEMBLED AND BLED BRAKES IN ACCORDANCE WITH SB INSTRUCTIONS. **CESSNA SB09-34-02** IS NO LONGER APPLICABLE DUE TO LATER REVISION CRG INSTALLED. INSPECTED CRS/BARO KNOBS IN ACCORDANCE WITH **CESSNA SB09-34-10** WITH NO DEFECTS NOTED. INSPECTED FORWARD SEAT PAN AREA WITH ALL INDICATIONS WITHIN **CESSNA SB09-53-01** LIMITS; INSTALLED GUSSETS, P/N 2810303-7 AND 2810303-8 IN ACCORDANCE WITH SB INSTRUCTIONS. INSPECTED NOSE STRUT AND MOUNT PER **CESSNA SB10-32-01** INSTRUCTIONS, ALL BOLT HOLES WITHIN SB LIMITS; REINSTALLED NOSE STRUT WITH STAINLESS SHIM. INSPECTED CRANKCASE IN ACCORDANCE WITH **CESSNA SB10-71-01** AND CONTINENTAL SB09-4A WITH NO CRACKS NOTED; INSTALLED NEW AIR CONDITIONING COMPRESSOR BRACKET KIT, P/N EQ7530, IN ACCORDANCE WITH SB INSTRUCTIONS. INSPECTED EXHAUST SYSTEM IN ACCORDANCE WITH **CESSNA SB10-28-01** WITH NO DEFECTS NOTED. **CESSNA SB10-73-01** IS NOT APPLICABLE DUE TO ENGINE SERIAL NUMBER AND NO LIFTER REPLACEMENT SINCE NEW. **CESSNA SB10-81-01** IS NOT APPLICABLE; NO KELLY REBUILT TURBOS INSTALLED. INSPECTED INTERCOOLERS IN ACCORDANCE WITH **CESSNA SB10-71-03** WITH NO DEFECTS NOTED. **CESSNA SB10-81-01** IS NOT APPLICABLE; "JT" FOUNDRY STAMP PRESENT ON BOTH TURBOS. INSPECTED LEFT ALTERNATOR SPACER AND ADJUSTMENT BRACKET; FOUND SPACER BEYOND LIMITS AND ADJUSTMENT BRACKET WITHIN LIMITS; MODIFIED AND INSTALLED NEW SPACER, P/N 2858100-10, IN ACCORDANCE WITH **CESSNA SB10-24-01**. INSPECTED FLIGHT CONTROL PUSH/PULL RODS AND LINEAR BEARINGS IN ACCORDANCE WITH **AD2007-07-06R1** AND CESSNA SB-07-002D WITH NO DEFECTS NOTED; NEXT DUE 06/2016. **AD2010-26-54** IS NOT APPLICABLE BY SERIAL NUMBER. COMPLIED WITH **AD2011-03-04** BY ENSURING RUDDER TRAVEL AND FASTENER THREAD PROTOSION IN LIMITS IN ACCORDANCE WITH CESSNA SB09-27-01R3; NO FURTHER ACTION REQUIRED PER AD PARAGRAPH (g). COMPLIED WITH **AD2013-11-10** BY PERFORMING AN AFT FUSELAGE INSPECTION PER AD PARAGRAPH (g)(5) IN ACCORDANCE WITH CESSNA 400MM04. AD's CHECKED THROUGH BIWEEKLY 2015-16.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
PERTINENT DETAILS OF THE REPAIRS ARE ON FILE AT THIS REPAIR STATION UNDER THIS WORK ORDER.

PAUL PARK
CHIEF INSPECTOR

MAINTENANCE RECORD

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		TURBINE AIRCRAFT SERVICES, LLC.	DATE 8/12/2015 A/C TSN 368 3 HOBBS 368 3	TURE, PE
	HOURS	10THS			
		MAKE: Cessna MODEL: LC41-550FG S/N: 411032 REG NO: N3UY WORK ORDER: 11029	 Turbine Aircraft Services, LLC. Repair Station No. TBWR469X 7101 Millionaire Drive, Hangar 21 Bethany, Oklahoma 73008 Phone: 405-491-8995		
		Airframe Entries			
		(2) Completed an Annual Inspection utilizing Cessna 400 model LC41-550FG Maintenance Manual Chapter 5 inspection guide to inspect this Aircraft.			
		(7) Installed new left brake caliper assembly P/N 30-233A, disc P/N 164-02504, and brake hose P/N AE3663231E0420. Bleed brake system. Operational check good.			
		(8) Installed new right brake caliper assembly P/N 30-233A, disc P/N 164-02504, and brake hose P/N AE3663231E0420. Bleed brake system. Operational check good.			
		(12) Mandatory SB09-21-01. Air Conditioner hose Inspection. Completed, re-routed A/C hoses as required.			
		(15) Replaced magneto air pressurization filter P/N 653386 and attaching hoses P/N 628555-39 & P/N 628555-29.			
		(20) Inspected exterior emergency door release system. No defects noted.			
		(21) Garmin GFC 700 autopilot system: Visually inspected the GSA 81 servos. Cleaned and applied grease to the output gear and inspected the GTA 82 trim adapter.			
		(22) Garmin GFC 700 autopilot systems. Visually inspected each Garmin GSM 85 servo mount and verified slip clutch settings. Reference Chapter 22, Garmin GFC 700 Autopilot (G1000)-Maintenance practices.			
		(23) Weight checked H3R fire extinguisher, Model RT-A1200, S/N S721744 at 3.5 lbs.			
		(24) Completed two year compass swing.			
		(25) Cessna Mandatory SB10-27-02. Aileron control tube clearance inspection complied with by inspection and found clearances satisfactory, no further action required.			
		(27) Installed new wing clear inspection panels at left otbd P/N 2820103-16 and right inbd P/N 2820103-10 locations using P/N 90130A007 washers.			
		(30) Adjusted door seal pressure switch for proper cut off in reference to Cessna LC41-550FG Maintenance Manual 52-20-00-4.C.			
		(31) Serviced Oxygen system pressure to 2000 psi.			
		(33) Installed new controller upper deck reference flexible line P/N AN6270-4D-0280.			
		(34) Cleaned serviced and lubed aircraft. Engine ground run normal, no leaks noted.			

MAINTENANCE RECORD

MAINTENANCE RECORD

MAKE Cessna
MODEL LC41-550FG
S/N 411032
REG NO N3UY
WORK ORDER 11053



Turbine Aircraft Services, LLC

Repair Station No. TBWR469X
7101 Millionaire Drive, Hangar 21
Bethany, Oklahoma 73008
Phone: 405-491-8995

DATE 9/8/2015
A/C TSN 394
HOBES 394

TURE,
PE

Airframe Entries

(7) Installed repaired GEA71 P/N 011-00831-00, S/N 46714548. Repaired by Garmin International W/O 77426397, CRS# G6XR582Y. Removed S/N 46707723. Completed satisfactory engine run, battery amps checked good.

The Aircraft and/or component(s) items identified above were repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of this repair are on file at this repair station No. TBWR469X." N3UY 11053 9/8/2015

DATE: 9/8/2015

SIGNED:

Work Order: 11053

James C. Morphew
Certified Repair Station No. TBWR469

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MAINTENANCE RECORD

1 of 1

MAINTENANCE RECORD

MAKE Cessna
MODEL LC41-550FG
S/N 411032
REG NO N3UY
WORK ORDER 11120



Turbine Aircraft Services, LLC

Repair Station No. TBWR469X
7101 Millionaire Drive, Hangar 2
Bethany, Oklahoma 73008
Phone: 405-491-8995

DATE: 12/17/2015
A/C TSN: 432
HOBBS: 432

NATURE,
'PE

Airframe Entries

- (2) Removed Speedbrake assemblies; P/N 300S003-4, LT S/B No. 984947, RT S/B No. 984948 and Asymmetric Logic Control P/N 010S0301-2 S/N ALC1653. Reinstalled same units after repair by Precise Flight Inc. W/O 92152, CRS# 6PCR620B. Operational check good at this time.

(3) Installed all new packings on oxygen bottle manifolds. P/N MS28778-3. Serviced and leak checked, No leaks noted.

The aircraft and/or component(s) on N3UY was repaired and/or 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 repair station No. TBWR469X under Work Order No. 11120 Dated 12/17/2015.

DATE: 12/17/2015

SIGNED:

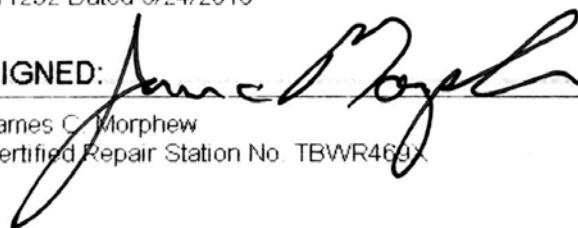
James C. Morphew
Certified Repair Station No. TBWRP469

Work Order: 11120

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		TURBINE, PE
	HOURS	10THS	
			MAKE Cessna MODEL LC41-550FG S/N 411032 REG NO N3UY WORK ORDER 11232
			Turbine Aircraft Services, LLC.  Repair Station No. TBWR469X 7101 Millionaire Drive, Hangar 21 Bethany, Oklahoma 73008 Phone: 405-491-8995
			Airframe Entries <ul style="list-style-type: none">(2) Installed new nose strut seal kit P/N LA71325000 with reference to Cessna service letter SNL08-15.(3) Adjusted left and right main tires camber and toe in/out with reference to Cessna 400 M/M.(5) Installed new left main tire. P/N 156E66B1, S/N 33397615 with new tube P/N 302-246-401. Serviced and leak checked.(6) Installed new right main tire. P/N 156E66B1, S/N 32987671 with new tube P/N 302-246-401. Serviced and leak checked.(7) Installed new nose tire. P/N 505C01-2, S/N 60182041 with new tube P/N 302-013-400. Serviced and leak checked.(8) Installed new left nose wheel bearing. P/N 08125.
			The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11232 Dated 5/24/2016
			DATE: 5/24/2016 SIGNED:  James C. Morphew Certified Repair Station No. TBWR469X Work Order: 11232
			Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD

MAKE Cessna
MODEL LC41-550FG
S/N 411032
REG NO N3UY
WORK ORDER 11333



Turbine Aircraft Services, LLC

Repair Station No TBWR469X
7101 Millionaire Drive, Hangar 2
Bethany, Oklahoma 73008
Phone 405-491-8995

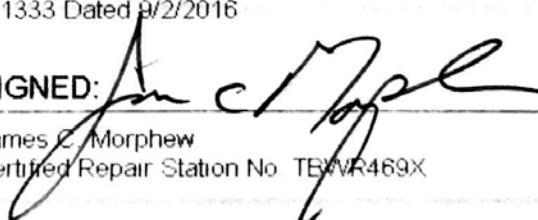
DATE 9/2/2016
A/C TSN 5123
HOBBS 5123

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PE

Airframe Entries

- (1) Completed an Annual Inspection utilizing Columbia 400 model LC41-550FG Maintenance Manual Chapter 5 inspection guide to inspect this Aircraft.
 - (8) Inspected and cleaned fuel screens. Pressurized fuel system, No leaks noted.
 - (9) Inspected and serviced aircraft batteries.
 - (10) Complied with FAR 91.207d, ELT inspection and functional test using Beacon Tester BT100AVS, S/N 6129. No defects found. ELT P/N 453-6603, S/N 09686 installed with battery pack P/N 452-6499, S/N 359129-084 installed. Battery expiration date is JUL/2020.
 - (12) Complied with 12 month/100 hour inspection of ECS compressor belt. Found ok at this time.
 - (14) Complied with 12 month/ 100 hour aileron linear bearing inspection. No defects noted.
 - (15) Complied with 12 month/100hr inspection of alternator belt.
 - (16) Complied with 12 month/200hr elevator torque tube inspection. No defects noted.
 - (17) Complied with 12 month/200hr service and inspection of nose gear strut. No defects noted.
 - (18) Complied with 6 month inspection of aileron control rod ends. No defects noted.
 - (19) Complied with 6 month inspection/check of aileron trim tab friction. No defects noted.
 - (20) Garmin GFC 700 autopilot system: Visually inspected the GSA 81 servos. Cleaned and applied grease to the output gear and inspected the GTA 82 trim adapter.
 - (21) Garmin GFC 700 autopilot systems. Visually inspected each Garmin GSM 85 servo mount and verified slip clutch settings. Reference Chapter 22, Garmin GFC 700 Autopilot (G1000)-Maintenance practices.
 - (22) Complied with 12 month/500 Hr GSM 85 Servo mount slip clutch inspection.
 - (23) Complied with 12 month fire extinguisher weight check. Amerex Model C352; S/N B -74101324; MFR Date 2016. Weight: 4.772 lb.
 - (24) Installed a new Amerex cabin fire extinguisher. Model C352; S/N B -74101324; MFR Date 2016.
 - (25) Complied with 24 month/500 Hr aileron control inspection of rod ends, with reference to Cessna 400 Maintenance Manual (Rev 5) 27-10-00-2.E.(1).

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		TURE, PE
	HOURS	10THS	
		(26) Complied with 24 month/500 Hr aileron trim tab friction inspection, with reference to Cessna 400 Maintenance Manual (Rev 5) 27-10-00-3.C.	
		(27) Complied with 48 month right main battery replacement. Installed new RG24-10 battery; S/N 40815564.	
		(28) Complied with 12 month ICA: Oregon seats.	
		(29) Complied with 12 month ICA for Rosen sun visors.	
		(30) Complied with 12 month inspection of induction air filter.	
		(31) Complied with 100 hour static wick inspection.	
		(32) Complied with 500 hour fuel selector valve inspection, with reference to Cessna 400 Maintenance Manual (Rev 5) 28-20-00-2.G.	
		(33) Complied with 500 hour fuel gauge accuracy inspection.	
		(35) Comply with 500 hour aileron control inspection of rod ends, hinges and middle hinge bonding jumper for corrosion.	
		(36) Complied with 60 month exterior emergency door release inspection.	
		(44) Complied with A.D. 2011-03-04. Effective date 14/MAR/2011. To detect and correct damage, i.e., cracking, deformation, and discoloration, in the rudder hinges. Per para. (g) and the requirements of Cessna SB09-27-01 Revision 3, dated July 20, 2010, the repetitive inspections are terminated. No further action required.	
		(46) Complied with A.D. 2007-07-06R1 Effective date 05/DEC/2008. To prevent jamming in the aileron and elevator control systems, which could result in failure. Referenced Cessna Mandatory Service Bulletin SB-07-002E, 19/SEP/2008. This inspection action is terminated. No further compliance is required.	
		(47) Complied with 400 hour repack of nose and main landing gear wheel bearings.	
		(50) Installed new door seal pressure switch. P/N 9072-905. Functional check good.	
		(52) Serviced oxygen bottle to 2000 psi.	
		(53) Cleaned serviced and lubed aircraft. Engine ground run normal, no leaks noted.	
		The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11333 Dated 9/2/2016"	
	DATE: 9/2/2016	SIGNED: 	Work Order: 11333
		James C. Morphew Certified Repair Station No. TBWR469X	Printed by EBis 3 (datcomedia.com)
			2 of 2

MAINTENANCE RECORD

MAKE: Cessna
MODEL: LC41-550FG
S/N: 411032
REG NO: N3UY
WORK ORDER: 11502



Turbine Aircraft Services, LLC

Repair Station No TBWR469X
7101 Millionaire Drive, Hangar 21
Bethany, Oklahoma 73008
Phone 405-491-8995

DATE 3/15/2017
A/C TSN 556 4
HOBBS 556 4

Airframe Entries

- (1) Removed nose wheel pant damaged from tow bar. Installed new wheel pant after paint. P/N 2842103-3

The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11502 Dated 3/15/2017

DATE: 3/15/2017

SIGNED: /

~~James C. Morphew~~
~~Certified Repair Station No. TBWRP469~~

Work Order: 11502

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MAINTENANCE RECORD

MAKE Cessna
MODEL LC41-550FG
S/N 411032
REG NO N3UY
WORK ORDER 11501



Turbine Aircraft Services, LLC

Repair Station No. TBWR469X
7101 Millionaire Drive, Hangar 2
Bethany, Oklahoma 73008
Phone 405-491-8995

DATE 3/15/2017
A/C TSN 556 4
HOBBS 556 4

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Airframe Entries

- (1) Installed inspected oxygen bottles, P/N's 100N4000-1, Inspected by Aerospace Turbine Rotables Inc., CRS# NV2R045L; Bottles S/N NN0596307 on W/O 103265; S/N NN0597990 on W/O 103266; S/N NN0596232 on W/O 103264. Installed with new copper seals, P/N SEC07C3L. Serviced system to 2000 psi. No leaks noted at this time.

The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11501 Dated 3/15/2017.

DATE: 3/15/2017

SIGNED:

Work Order: 11501

~~James C Morphew~~
Certified Repair Station No TBWR469

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M A I N T E N A N C E R E C O R D

DATE	TOTAL TIME IN SERVICE		MAKE MODEL S/N. 41 REG N WORK
	HOURS	10THS	
			Avio
(2) Alt Appen 10600			tested
ATC tr			Appen
Calibr			
The air			
Airworth			
No. TB			
DATE:			



Turbine Aircraft Services
FAA Repair Station Number TBWR469X

Chapter 43, Appendix E, Altimeter Checkout

LH ADC P/N 011-00882-00	Model GDC 74A	S/N 47808689	LH Alt P/N 011-00972-03	Model GDU 1040	S/N 106000948	W/O # 11501
RH ADC P/N	Model	S/N	RH Alt P/N	Model	S/N	Date 23-Feb-17
XPNDR #1 P/N 011-00779-10	Model GTX 33	S/N 89106291	Stby Alt P/N 15035-01102	Model Aerosonic Corp.	S/N 175690	Reg. # N3UY
Encoder P/N	Model	S/N	A/C Make Cessna	A/C Model LC41-550FG	A/C S/N 411032	

After Effect Test					Scale Error Test / Friction Test								Hysteresis Test					
Tolerance +/- 30 Ft.	LH Altimeter	RH Altimeter	Stby Altimeter	Altitude	Tolerance	LH Altimeter	Friction	RH Altimeter	Friction	Stby Altimeter	Friction	Friction Tolerance	50%- Tolerance +/- 75 Ft.	Max Cert. Alt.	Test Altitude	LH Altimeter	RH Altimeter	Stby Altimeter
Baro Setting 29.92																		
Initial	1300		1290	-1,000	20	-1000				-1020								
After Test	1310		1300	0	20	0				0			20,000	10,000				
Difference	-10	0	-10	500	20	500				480			25,000	12,500	12490		12560	
Barometric Scale Error Test					1,000	20	1000			980	960	70	35,000	17,500				
Tolerance +/- 25 Ft.					1,500	25	1500			1480			43,000	22,500				
Pressure in Hg.	Altitude Diff.	LH Altimeter	RH Altimeter	Stby Altimeter	2,000	30	2000			1980	1960	70	45,000	25,000				
					3,000	30	3000			2980	2960	70	50,000	25,500				
28.10	-1727	-1730		-1710	4,000	35	4000			3980			40%- Tolerance +/- 75 Ft.					
28.50	-1340	-1340		-1340	5,000		5000			4980	4960	70	Max Cert. Alt.	Test Altitude	LH Altimeter	RH Altimeter	Stby Altimeter	
29.00	-863	-860		-840	6,000	40	6000			5980								
29.50	-392	-390		-380	8,000	60	7990			7980			20,000	8,000				
29.92	0	0		0	10,000	80	9990			10000	9980	80	25,000	10,000	9990		10060	
30.50	531	530		550	12,000	90	11990			11980			35,000	14,000				
30.90	893	890		900	14,000	100	13990			13980			43,000	17,200				
30.99	974	970		980	15,000		14990			14980	14950	90	45,000	18,000				
Case Leak Test					16,000	110	15990			15980			50,000	20,000				
@18,000 Ft.-		LH Altimeter	RH Altimeter	Stby Altimeter	18,000	120	17990			17980			Test Equipment Information					
Tolerance					20,000	130	19990			19960	19900	100	Type:	Laversab 6300				
+/- 100 Feet		17915		17905	22,000	140	21990			21940			Serial #:	86167				
ATC Pressure Altitude Reporting System Test					25,000	155	24980			24940	24860	120	Cal Due:	19-Apr-17				
Tolerance +/- 125	Indicated	Actual	Diff.		30,000	180/80												
Transponder # 1	2000	2000	0		35,000	205/80												
Transponder # 2			0		40,000	230/80												
Transponder # 1	5000	5000	0		45,000	255												
Transponder # 2			0		50,000	280											250	
Transponder # 1	10000	10000	0		51,000	295												
Transponder # 2			0															

RED Tolerances are for RVSM capable aircraft only.

Technician Signature

Inspector Signature

MAINTENANCE RECORD

MAKE: Cessna
MODEL: LC41-550FG
S/N: 411032
REG NO: N3UY
WORK ORDER: 11501



Turbine Aircraft Services, LLC

Repair Station No. TBWR469X
7101 Millionaire Drive, Hangar 21
Bethany, Oklahoma 73008
Phone. 405-491-8995

DATE 3/15/2017
A/C TSN: 556 4
HOBBS 556 4

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Avionics Entries

(2) Altimeter systems tests and inspections required by 14 CFR 91.411 have been accomplished with reference to CFR part 43 Appendix E, paragraphs A, B & C. Garmin GDC 74A P/N 011-0882-00, S/N 47808689. PFD/GDU 1040 P/N 011-00972-03, S/N 106000948, and Aerosonic Corp. Standby Altimeter P/N 15035-01102, S/N 175690. The above systems and components were tested to 25,000' using Laversab model 6300, S/N 86167. Calibration due date 19/APR/2017.

ATC transponder tests and inspections required by 14 CFR 91.413 were performed and found to comply with CFR Part 43 Appendix F. Garmin GTX-33 Transponder P/N 011-00779-10, S/N 89106291. Tested using Aeroflex IFR 6000, S/N 1000684925. Calibration due date 19/APR/2017. Next IFR certification due 23/FEB/2019.

The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11501 Dated 3/15/2017

DATE: 3/15/2017

SIGNED:

Work Order: 11501

Ryan Morphew
Certified Repair Station No. TBWR469X

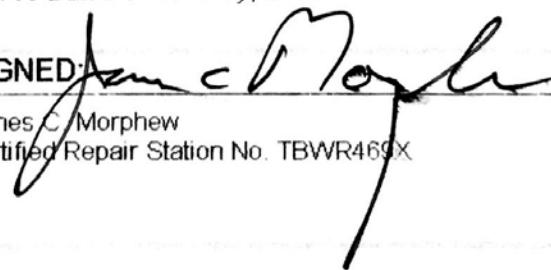
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MAINTENANCE RECORD

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		TURBINE AIRCRAFT SERVICES, LLC.	DATE 11 January, 2018 A/C TSN 616 6 HOBBS 616 6	ATURE, PE
	HOURS	10THS			
			Turbine Aircraft Services, LLC.  Repair Station No. TBWR469X 7101 Millionaire Drive, Hangar 21 Bethany, Oklahoma 73008 Phone 405-491-8995		
Airframe Entries					
<p>(1) Completed an Annual Inspection utilizing Columbia 400 model LC41-550FG Maintenance Manual Chapter 5 inspection guide to inspect this Aircraft.</p> <p>(8) Inspected and cleaned fuel screens. Pressurized fuel system, No leaks noted.</p> <p>(9) Inspected and serviced aircraft batteries.</p> <p>(10) Complied with FAR 91.207d, ELT inspection and functional test using Beacon Tester BT100AVS, S/N 6129. No defects found. ELT P/N 453-6603, S/N 09686 installed with battery pack P/N 452-6499, S/N 359129-084 installed. Battery expiration date is JUL/2020.</p> <p>(12) Complied with 12 month 100hr inspection of ECS compressor belt. Installed new belt. P/N 653003-1.</p> <p>(14) Complied with 12 month/ 100 hour aileron linear bearing inspection. No defects noted.</p> <p>(15) Complied with 12 month/100hr inspection of alternator belt.</p> <p>(16) Complied with 12 month/200hr elevator torque tube inspection. No defects noted.</p> <p>(17) Complied with 12 month/200hr service and inspection of nose gear strut. No defects noted.</p> <p>(18) Complied with 6 month inspection of aileron control rod ends. No defects noted.</p> <p>(19) Complied with 6 month inspection/check of aileron trim tab friction. No defects noted.</p> <p>(20) Completed Garmin GFC 700 autopilot system inspection. Visually inspected the GSA 81 servos. Cleaned and applied grease to the output gear and inspected the GTA 82 trim adapter.</p> <p>(21) Completed Garmin GFC 700 autopilot systems inspection. Visually inspected each Garmin GSM 85 servo mount and verified slip clutch settings. Reference Chapter 22, Garmin GFC 700 Autopilot (G1000)-Maintenance practices.</p> <p>(22) Complied with 12 month/500 Hr GSM 85 Servo mount slip clutch inspection.</p> <p>(23) Complied with 12 month fire extinguisher weight check. Amerex Model C352; S/N B -74101324; MFR Date 2016. Weight: 4.748 lb.</p> <p>(24) Complied with 24 month/500 hour aileron control inspection of rod ends, with reference to Cessna 400 Maintenance Manual 27-10-00-2.E.(1).</p> <p>(25) Complied with 24 month/500 hour aileron trim tab friction inspection, with reference to Cessna 400 Maintenance Manual</p>					

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		TURE, PE
	HOURS	10THS	
		27-10-00-3.C.	
		(26) Complied with 12 month ICA: Oregon seats. No defects noted. (27) Complied with 12 month ICA for Rosen sun visors. No defects noted. (28) Complied with 12 month inspection of induction air filter. (29) Complied with 100 hour static wick inspection. (30) Complied with 400 hour repack of nose and main landing gear wheel bearings. (32) Serviced oxygen bottle to 2000 psi. (33) Installed new main landing gear left and right brake caliper insulator shims. P/N 068-01100. (35) Completed two year compass swing. (36) Mandatory SEB-78-01, 28/JUL/2017. Completed. Inspected right tailpipe for proper clearance. Found tail pipe clearance to be within limits. No further action required. (37) Mandatory SEB-28-02. Fuel- Low fuel pressure switch sealing. Inspected and found switch previously sealed. No further action at this time. (38) Mandatory SB-07-002E. Linear bearing inspection. Inspected linear bearings, No defects noted at this time. (39) A.D. 2007-07-06 R1 Effective date 05/Dec/2008. To prevent jamming in the aileron and elevator control systems. Inspected IAW Cessna MSB-07-002E. No defects noted. (43) Installed new main landing gear left and right brake linings. P/N DD-06200. (44) Installed new left aileron servo tab push pull tube clevis pins. P/N MS20392-1C15. (45) Installed new pilots door rain seal. P/N R581667. (46) Cleaned serviced and lubed aircraft. Engine ground run normal, no leaks noted.	
		The aircraft and/or component(s) on N3UY was repaired and/or inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service with regard to work performed on this work order. "Pertinent details of the inspection/repair are on file at this Repair Station No. TBWR469X under Work Order No. 11766 Dated 11 January, 2018	
		DATE: 11 January, 2018	SIGNED: 
		James C. Morphew Certified Repair Station No. TBWR469X	Work Order: 11766
			Printed by EBis 3 (datcomedia.com)
			2 of 2

MAINTENANCE RECORD

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Aircraft Log Book Entry, by Yingling Aviation for: N3UY, Cessna LC41-550FG, S/N 411032

Installed new L/H aft window P/N 2811110-5, with new retainer P/N 2811111-5-1. Painted area around window. Installed new L/H grab handle, P/N 2852100-13. Installed two new static wicks on R/H elevator, P/N SD6-0001. Work performed IAW the Cessna 400 (LC41-550FG/T240) Maintenance Manual, Rev. 6 dated May 20, 2016.

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.

Completed By Yingling Aviation
P.O. Box 9248, Wichita, KS 67277
FAA CRS #YN8R621Y
Phone 316-943-3246

Signature:

Brian McBride

Date Completed
Work Order #
Hobbs Hours
Aircraft Total Time

03-02-2018
SVC20267
618.5
618.5

MAINTENANCE RECORD

DATE	Aircraft Log Book Entry, by Yingling Aviation for: N3UY, Cessna LC41-550FG, S/N 411032	GNATURE, E TYPE ER
	Cleaned and polished windshield. Pilot reports that the auto pilot is malfunctioning. Verified aileron trim actuator for correct operation. Verified correct auto pilot circuit. Verified correct speed-brake circuit. Verified correct operation of GIA 63 #1 and # 2. Repaired plug J613 and installed relay unit SR54. Found auto pilot switch inop. Installed serviceable autopilot switch. Found rudder hold inop. Installed new rudder hold brake P/N 2861116-3. Adjusted rudder cable tension. Verified correct operation of auto pilot and rudder hold. Work performed IAW the Cessna 400 (LC41-550FG/T240) Maintenance Manual, Rev. 6 dated May 20, 2016.	
	I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.	
	<p>Completed By Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y Phone 316-943-3246</p> <p>Signature: Brian McBride</p>	<p>Date Completed Work Order # Hobbs Hours Aircraft Total Time</p> <p>03-19-2018 SVC20397 618.8 618.8</p>