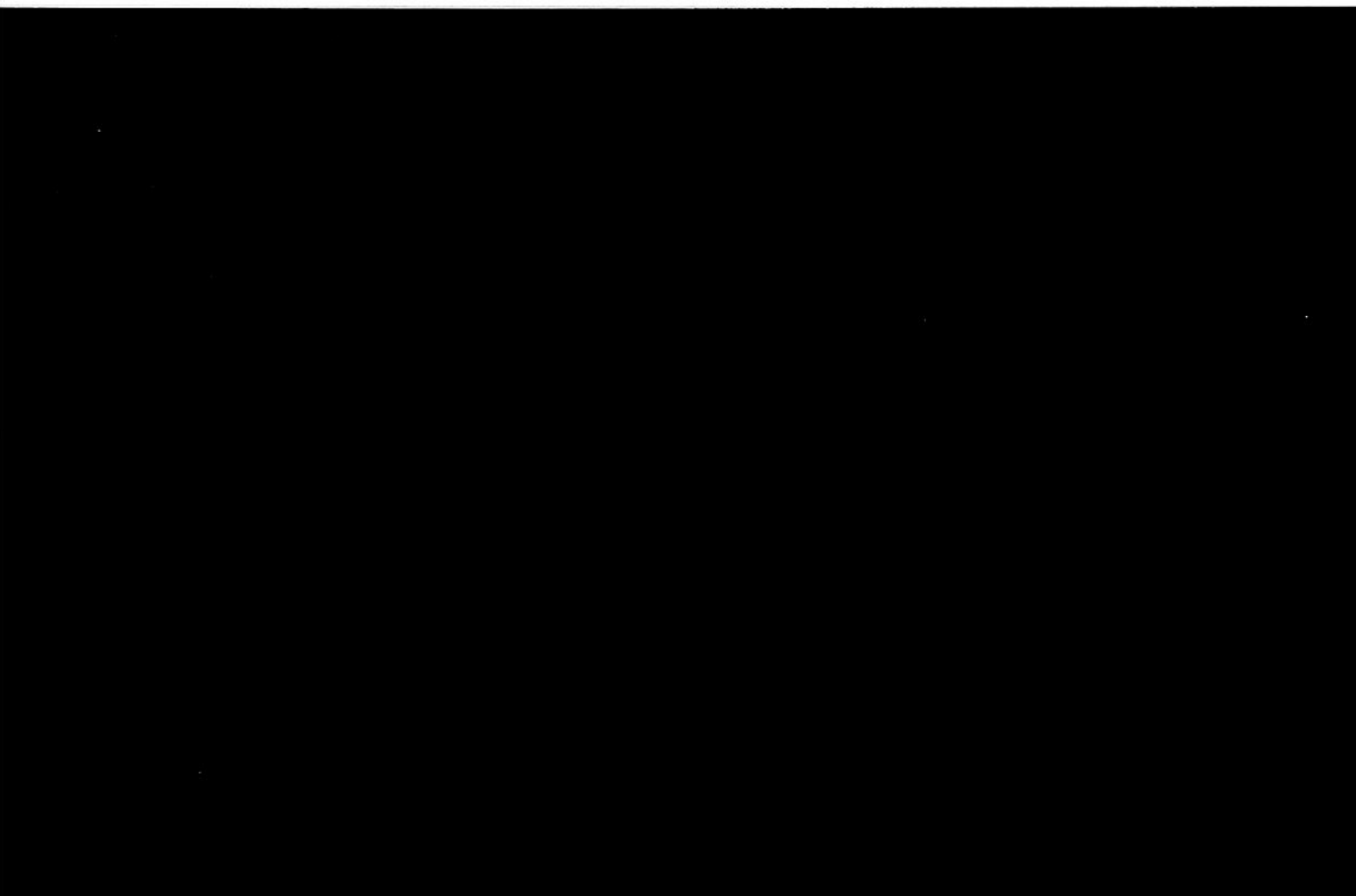

AVIONICS MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION 18282413 N413CS

D5520-2-13



INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations:
 91.411 Altimeter system and altitude reporting equipment tests and inspections,
 91.413 ATC transponder tests and inspections,

and

43.9, 43.11 and 91.215, and/or other prevailing government regulations.

NOTE: Record required tests in the back of this record
 Record Service Letters and Airworthiness Directives in the back of this record as well as the
 Airframe Maintenance Record.

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MAINTENANCE RECORD

DATE	TOTAL TIME	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
413cs			
<div style="display: flex; justify-content: space-between;"> <div style="width: 55%;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> <div style="display: flex; justify-content: space-between;"> <div> 1. Approving Civil Aviation Authority Country: FAA/United States </div> <div> AUTHORIZED RELEASE CERTIFICATE <small>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</small> </div> <div> 3. Form Tracking Number: 4995885 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> 4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215 </div> <div> 5. Work Order Contract Invoice Number: 2194640 </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> 6. Item: 1 </div> <div> 7. Description: SVT 172,182,206,350 400 MODELS </div> <div> 8. Part Number: 010-00330-54 </div> <div> 9. Quantity: 1 </div> <div> 10. Serial Number: N/A </div> <div> 11. Status Work: New </div> </div> <div style="margin-top: 5px;"> 12. Remarks: AIRWORTHINESS APPROVAL - PARTS. </div> <div style="margin-top: 5px;"> PO#: VERBAL DAVE </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> 13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12 </div> <div> 14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 <small>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</small> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> 13b. Authorized Signature: </div> <div> 13c. Approval Authorization No.: ODA-100129-CE </div> <div> 14b. Authorized Signature: </div> <div> 14c. Approval Certificate No.: </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> 13d. Name (Typed or Printed): DANIEL P. BEAT </div> <div> 13e. Date (MM/DD/YYYY): 17/Mar/2016 </div> <div> 14d. Name (Typed or Printed): </div> <div> 14e. Date (MM/DD/YYYY): </div> </div> </div> <div style="width: 40%; padding-left: 10px;"> <div style="margin-bottom: 10px;"> ENABLEMENT K CARD HBUS-S9-01 </div> </div> </div> </div> <div style="margin-top: 10px;"> <p><small>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) propeller(s) article(s) from the airworthiness authority of the country specified in Block 1.</small></p> <p><small>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</small></p> <p><small>FAA Form 8130-3 (02-14)</small></p> <p style="text-align: right;"><small>NSN 0052-00-012-9005</small></p> </div>			

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations:

91.411 Altimeter system and altitude reporting equipment tests and inspections,

91.413 ATC transponder tests and inspections,

and

43.9, 43.11 and 91.215, and/or other prevailing government regulations.

NOTE: Record required tests in the back of this record

Record Service Letters and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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MAINTENANCE RECORD

[illegible]

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE	
YINGLING AVIATION		Maintenance Record		YINGLING AVIATION		FOR: X	Aircraft	Engine	Propeller
A/C Mod & S/N	Reg. Number	City ID	A/C Hrs.	Landings	Eng. Total Hrs.	Eng. Total Cycles	Prop Total Hrs.		
TEXTRON AVIATION INC 182T 18282413	N413CS	ICT	FHM: 74.7 ENG: 67.5						
<p>Performed test & inspections of the following: GDC 74A S/N: 20621006 and Stand-by Altimeter P/N: 5934PD-3 S/N: 505826 IAW CFR Part 43, Appendix E to comply with 14 CFR Part 91.411. The Pilot & co-pilot's pitot-static systems were leak tested and found to meet the requirements of FAR 43 E (a).</p> <p>Performed test & inspections of GTX 33 Transponder S/N: 89130207 IAW CFR Part 43, Appendix F to comply with 14 CFR Part 91.413.</p>									
<p>I certify that the above stated Maintenance and/or Inspection was performed in accordance with current Federal Aviation Regulations, the article / aircraft identified above is presently airworthy with respect to the work performed and is approved for return to service.</p>						<p>Work Completed by: Yingling Aircraft, Inc. PO Box 9248, Wichita, KS 67277 FAA CRS # YN8R621Y</p>			
Signature: Teofilo Ines Jr				Certificate No: CRS YN8R621Y		Date: 1/27/17	Work Order #: SVC 19105		

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED		AUTHORIZED SIGNATURE, CERTIFICATE TYPE																																												
HOURS	10THS																																															
TAIL NUM: N413CS		ALTIMETER SC		<table border="1"> <tr> <th>ALTIMETER READING</th> <th>ACTUAL TEST RESULT</th> <th>ALTIMETER READING</th> <th>ACTUAL TEST RESULT</th> </tr> <tr> <td>-1,000</td> <td>-1010</td> <td>10,000</td> <td>10010</td> </tr> <tr> <td>0</td> <td>-10</td> <td>12,000</td> <td>12010</td> </tr> <tr> <td>500</td> <td>490</td> <td>14,000</td> <td>14010</td> </tr> <tr> <td>1,000</td> <td>995</td> <td>16,000</td> <td>16010</td> </tr> <tr> <td>1,500</td> <td>1500</td> <td>18,000</td> <td>18010</td> </tr> <tr> <td>2,000</td> <td>1995</td> <td>20,000</td> <td>20010</td> </tr> <tr> <td>3,000</td> <td>3005</td> <td>22,000</td> <td></td> </tr> <tr> <td>4,000</td> <td>4000</td> <td>25,000</td> <td></td> </tr> <tr> <td>6,000</td> <td>6000</td> <td>30,000</td> <td></td> </tr> <tr> <td>8,000</td> <td>7995</td> <td>35,000</td> <td></td> </tr> </table>	ALTIMETER READING	ACTUAL TEST RESULT	ALTIMETER READING	ACTUAL TEST RESULT	-1,000	-1010	10,000	10010	0	-10	12,000	12010	500	490	14,000	14010	1,000	995	16,000	16010	1,500	1500	18,000	18010	2,000	1995	20,000	20010	3,000	3005	22,000		4,000	4000	25,000		6,000	6000	30,000		8,000	7995	35,000	
ALTIMETER READING	ACTUAL TEST RESULT	ALTIMETER READING	ACTUAL TEST RESULT																																													
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MAKE: CESSNA		NOMENCLATURE 593																																														
MODEL: 182T		ALTIMETER PRESSUR																																														
S/N: 18282413		TEST PT (Ft) INDICATOR READINGS AT																																														
Exchanged standby altimeters, P/N: 593		-1000 -440																																														
I certify that the G1000, GDC 74A, S/N:		00 0																																														
found to comply with Garmin G1000 section 6.1 and 6.2. GDC 74A certified		500 505																																														
465143 and static system tests require		1000 1015																																														
including data correspondence, require		1500 1510																																														
part 43, appendix E and F. Altimeter cer		2000 202																																														
above was done in accordance with cur		3000 302																																														
Pertinent details of the maintenance are on file at this repair		4000 402																																														
Signed: Nathan L. Stephens FA		5000 N/A																																														
		6000 600																																														
		AM - ALTSC REV. 894																																														
		M/N OR P/N: GDC 74A (G1000) - PFD																																														
		SERIAL NO.: 20621006																																														
		DATE: 05/16/2018																																														
		DAVIS FIELD AVIATION -- FAA CRS# D3FR571X																																														


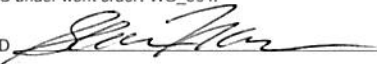
MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF THE WORK PERFORMED						AUTHORIZED SIGNATURE, CERTIFICATE TYPE
		Maintenance Record		FOR: <input checked="" type="checkbox"/>	Aircraft	Engine	Propeller	
A/C Mod & S/N	Reg. Number	City ID	A/C Hrs.	Landings	Eng. Total Hrs.	Eng. Total Cycles	Prop Total Hrs.	
TEXTRON AVIATION INC 182T 18282413	N413CS	ICT	FHM: 74.7 ENG: 67.5					
<p>Performed test & inspections of the following: GDC 74A S/N: 20621006 and Stand-by Altimeter P/N: 5934PD-3 S/N: 505826 IAW CFR Part 43, Appendix E to comply with 14 CFR Part 91.411. The Pilot & co-pilot's pitot-static systems were leak tested and found to meet the requirements of FAR 43 E (a).</p> <p>Performed test & inspections of GTX 33 Transponder S/N: 89130207 IAW CFR Part 43, Appendix F to comply with 14 CFR Part 91.413.</p>								
<p>I certify that the above stated Maintenance and/or Inspection was performed in accordance with current Federal Aviation Regulations, the article / aircraft identified above is presently airworthy with respect to the work performed and is approved for return to service.</p>					<p>Work Completed by: Yingling Aircraft, Inc. PO Box 9248, Wichita, KS 67277 FAA CRS # YN8R621Y</p>			
Signature:	Teofilo Ines Jr <i>Teofilo Ines Jr</i>			Certificate No: CRS YN8R621Y	Date: 1/27/17	Work Order #: SVC 19105		



MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED				AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER	
	HOURS	10THS						
	TAIL NUM:	N413CS	<p>DAVIS FIELD AVIATION, LLC 1200 Sabre St Muskogee, OK 74403 (918) 682-4101</p>				TACH TIME:	172.4
	MAKE:	CESSNA					HOBBS TIME:	188.5
	MODEL:	182T					WORK ORDER:	AV3290
	S/N:	18282413					DATE:	05/16/2018
<p>Exchanged standby altimeters, P/N: 5934PD-3, S/N: 508526 with overhauled unit, P/N: 5934PD-3, S/N: 465143. I certify that the G1000, GDC 74A, S/N: 20621006, tests required by 14 CFR § 91.411 have been performed and found to comply with Garmin G1000 Nav III Line Maintenance Manual, P/N: 190-00352-00 Rev U, Chapter 6, section 6.1 and 6.2. GDC 74A certified to 20,000 feet. I certify that the standby altimeter, P/N: 5934PD-3, S/N: 465143 and static system tests required by 14 CFR § 91.411 and GTX33, S/N: 89130207 transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F. Altimeter certified to 20,000 feet. The maintenance involved on this aircraft identified above was done in accordance with current regulations of the FAA and is approved for return to service this date. Pertinent details of the maintenance are on file at this repair station under the work order listed above.</p>								
<p>Signed: <i>Nathan L. Stephens</i> Nathan L. Stephens FAA CRS #D3FR571X</p>								

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
<div style="display: flex; justify-content: space-between;"> wo: WO_564 Airframe Part 145 - page 1 of 1 </div> <div style="text-align: center;">  <p>Sierra Aero LLC - 10356 Truckee Airport Rd, Hangar #1 - Truckee, CA 96161 - 530-359-8751 - CRS#: 51ER221D</p> </div> <div style="display: flex; justify-content: space-between;"> N413CS Tach: 579.1 Cessna, 182T, S/N: 18282413 May 18, 2020 </div> <ol style="list-style-type: none"> Performed pre-installation inspection. Removed existing GTX33 transponder PN: 011-00779-10, SN: 89130207 and installed serviceable GTX33 ES ADS-B transponder PN: 011-00779-30, SN: 89135509. Configured G1000 system IAW Cessna service bulletin SEB 34-14. Performed post-installation inspections. <p>With respect to the work performed, this airframe/article is approved for return to service. All work has been completed in accordance with current manufacturer specifications and regulations. Details of work performed are on file with Sierra Aero LLC under work order: WO_564.</p> <div style="display: flex; justify-content: space-between;"> Sierra Aero LLC Repair Station 51ER221D  </div>				

MAINTENANCE RECORD

DATE	TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
	HOURS	10THS		
<div style="display: flex; justify-content: space-between;"> wo: WO_564 91.411&91.413 - page 1 of 1 </div> <div style="text-align: center;">  <p>Sierra Aero LLC - 10356 Truckee Airport Rd, Hangar #1 - Truckee, CA 96161 - 530-359-8751 - CRS#: 51ER221D</p> </div> <div style="display: flex; justify-content: space-between;"> N413CS Tach: 579.1 Cessna, 182T, S/N: 18282413 May 18, 2020 </div> <ol style="list-style-type: none"> Perform FAR 91.411 and 91.413 certifications. 2 altimeter. — Performed 91.411 and 91.413 certifications. <p>I certify that the altimeter and static system tests required by 14 CFR part 91, para 91.411 and transponder tests, including data correspondence, required by para 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F.</p> <p>Altimeter Model GDC74 Serial No 20621006 Transponder Model GTX33 ES Serial No 89135509 Encoder Model GDC74 Serial No 20621006</p> <p>The altimeter was tested to 20,000 feet on date: 05-18-2020 The transponder was tested on date: 05-18-2020 Encoder data correspondence was tested to 20,000 feet on date: 05-18-2020</p> <p>Static system leak tested on date: 05-18-2020 Details of work performed are on file with Sierra Aero LLC under work order: WO_564.</p> <div style="display: flex; justify-content: space-between;"> Sierra Aero LLC Repair Station 51ER221D  </div>				