

THE  
**adlog**™  
AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**AVIONICS  
MAINTENANCE  
RECORDS**



# AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. A

Aircraft Registration No. N2730P

Aircraft Manufacturer The Lancair Co.

Model LC41-550 FG

Serial No. 41071

## EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		
13.		
14.		
15.		
16.		
17.		
18.		
19.		
20.		



**AEROTECH PUBLICATIONS INC.**

[www.adlog.com](http://www.adlog.com)

PO BOX 1359 / SOUTHOLD, NY 11971-0965

(631) 765-9375

1-800-235-6444

FAX: (631) 765-9359

© 1979 AeroTech Publications Inc.

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
3-22-05	0	0	 <b>THE LANCAIR COMPANY</b> <p>The Garmin GTX 327 Mode S Transponder, S/N 83719341 was tested as required by FAR 91.413, Lancair Document SC240001 Rev B, and was found to comply with FAR Part 43 Appendix F.</p> <p><i>Re-Boomy 29 Mar 05</i>    Authorized Signature for The Lancair Company</p>
			<p><i>8-25-05 Lancair N2730P</i></p> <p>Replaced S-Tec 55X autopilot tray.    Replaced A/P disconnect switch in    pilot's yoke. ops test ok. Details    on file w.o. 10712    this date.</p> <p><i>Hobbs 152.7</i></p> <p><b>LANCASTER AVIONICS INC</b>  <b>LANCASTER AIRPORT</b>  <b>LITITZ, PA 17543</b>  <b>DATE 8-25-05</b>  <b>CERTIFICATE NO. LN7R261N</b>  <b>SIGNED</b></p>
			<p><i>8-4-05 Lancair N2730P Hobbs 119.8</i></p> <p>Repaired weak Nav reception by reconnecting    Nav antenna BNC Connector to Nav Splitter in Center    pedestal. All ops chks ok.    Details on file. w.o. 107104</p> <p><b>LANCASTER AVIONICS INC</b>  <b>LANCASTER AIRPORT</b>  <b>LITITZ, PA 17543</b>  <b>DATE 8-4-05</b>  <b>CERTIFICATE NO. LN7R261N</b>  <b>SIGNED</b></p>
			<p><i>6/27/07 472.5</i></p> <p><b>LANCASTER AVIONICS INC.</b>  <b>GARMIN LITITZ, PA 17543</b>  <b>674377 CRS LN7R261N 12742</b></p> <p><i>see AIRFRAME</i>  <i>STATIC</i> The transponder installed in this aircraft has been tested  <i>for FOR SYSTEM</i> in accordance with FAR 91.613 and FAR 43, appendix F  <i>cents</i></p> <p><i>6-27-07</i>  <i>DATE</i></p>

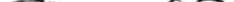
DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			 <b>FREDERICK AVIATION</b> Your FIRST CHOICE in Avionics Services <p><b>FREDERICK AVIATION, INC. 330 Aviation Way Frederick, MD 21701 - CRS# LC1R291K</b>  <b>Reg No: N2730P</b>  <b>S/N: 41071</b>  <b>Hours: 0422.6 Hobbs</b></p> <p>Removed, upgraded and reinstalled EX-5000 MFD (s/n E0034). Complied with Avidyne Service Bulletins: 601-00004-032 Rev 02 - EX5000 MFD 6.1 Software Upgrade to sw 530-00180-200 Rev 01, 601-00004-056 Rev 01 - (EX5000 Save &amp; Restore Utility). Performed post installation configurations and checks in accordance with Avidyne Entegra Installation Manual, (p/n 600-00073 Rev 18). Removed S-Tec System 55X Programmer / Computer (p/n 01192-33-0T-45, s/n 0507-7915) and installed serviceable exchange computer (p/n 01192-33-0T-45, s/n 0450-7649). Performed S-Tec System 55X post-installation checks and adjustments in accordance with Stec installation manual, Avidyne Entegra PFD Installation manual, and Columbia Maintenance Manual. System ops checks good in accordance with Manufacturer's Minimum Performance Standards. Complied with <b>Garmin Service Bulletin 0545 - GTX-327 software update to version 2.09</b>. Complied with Part 43 Appendix E(c). For details of work see SO# 1006686 on file at F.A.I.</p> <p><i>David E. Shelton</i></p> <p><b>COLUMBIA</b>    Columbia Authorized    Service Center</p> <p><b>Date: September 8, 2006</b></p>
			 <b>FREDERICK AVIATION</b> Your FIRST CHOICE in Avionics Services <p><b>FREDERICK AVIATION, INC. 330 Aviation Way Frederick, MD 21701 - CRS# LC1R291K</b>  <b>Reg No: N2730P</b>  <b>S/N: 41071</b>  <b>Hours: 0461.3 Hobbs</b></p> <p>Removed EX-5000 MFD (p/n 700-00004-104 Rev 08, s/n E0034) and installed factory rebuilt EX-5000 MFD (p/n 700-00004-104 Rev 07, s/n E0020). Performed post installation configurations and checks in accordance with Avidyne Entegra Installation Manual (p/n 600-00073 Rev 18). For details of work see SO# 1007225 on file at F.A.I.</p> <p><i>David E. Shelton</i></p> <p><b>COLUMBIA</b></p> <p><b>Date: December 11, 2006</b></p>
			 <b>FREDERICK AVIATION</b> Your FIRST CHOICE in Aviation Services <p><b>FREDERICK AVIATION, INC. 330 Aviation Way Frederick, MD 21701 - 301.662.8156</b>  <b>CRS# LC1R291K</b>  <b>Reg No: N2730P Model: LC41-550FG S/N: 41071 Hours: 470.8 Hobbs</b></p> <p>Complied with Avidyne Service Bulletin 601-00004-074 - (sw 6.2.1)-EX5000 Software Upgrade from sw 530-00180-200, Rev 01, to sw 530-00180-200, Rev 04, for EX-5000, p/n 700-00004-104, s/n E0020, mods 12 &amp; 14. Complied with post installation configurations and checks in accordance with Avidyne Entegra Installation Manual (p/n 600-00073 Rev 19). For details of work see SO# 1007465 on file at F.A.I.</p> <p><i>David E. Shelton</i></p> <p><b>COLUMBIA</b>    Columbia Authorized    Service Center</p> <p><b>Date: March 2, 2007</b></p>
			<p><i>6/27/07 472.5</i></p> <p><b>LANCASTER AVIONICS INC.</b>  <b>GARMIN LITITZ, PA 17543</b>  <b>674377 CRS LN7R261N 12742</b></p> <p><i>see AIRFRAME</i>  <i>STATIC</i> The transponder installed in this aircraft has been tested  <i>for FOR SYSTEM</i> in accordance with FAR 91.613 and FAR 43, appendix F  <i>cents</i></p> <p><i>6-27-07</i>  <i>DATE</i></p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>AERO INDUSTRIES , INC 5745 HUNTSMAN RD. RICHMOND INTL AIRPORT VA. , 23250 -2411</p> <p>ENTER IN : AVIONICS RECORD</p> <p>COMPLIED WITH THE FOLLOWING IN ACCORDANCE WITH CESSNA 400 AMM UNLESS OTHERWISE NOTED: PRELIMINARY INSPECTION PER AERO INDUSTRIES, INC. FORM 005. ANNUAL INSPECTION IN ACCORDANCE WITH CESSNA 400 AMM CHAPTER 5 INSPECTION CHECKLIST. ELT ANNUAL INSPECTION AND TEST IN ACCORDANCE WITH CFR PART 91.207(D) AND AERO ELT INSPECTION CHECKLIST. ELT BATTERY DUE IN AUGUST 2009. COMPLIED WITH AD 2008-06-28 R1. AVIDYNE PRIMARY FLIGHT DISPLAYS: INSPECTED RECORDS, THIS AD DOES NOT APPLY DUE TO AVIDYNE PFD PART NUMBER AND SERIAL NUMBER INSTALLED (P/N 850-00018-000, S/N 22492524). ALL AD'S ARE CURRENT AND UP TO DATE FOR THIS AIRCRAFT. COMPLIED WITH FINAL INSPECTION FOR WORK ACCOMPLISHED UNDER THIS WORK ORDER. AIRCRAFT TOTAL TIME: 578.7 HOURS</p> <p>THE MAINTENANCE DESCRIBED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH CURRENT TECHNICAL DATA AND FAA REGULATIONS AND WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. DETAILS OF THIS INSPECTION AND/OR REPAIR ARE ON FILE AT THIS REPAIR FACILITY UNDER WORK ORDER NO. 50084.</p> <p>SIGNATURE: <i>Tom E. Hall</i> CRS CERTIFICATE NO: BIER466C CHIEF INSPECTOR</p> <p><i>N2730P</i></p> <p>I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND THAT THE EQUIPMENT MEETS THE REQUIREMENTS OF FAR 43 APPENDIX F.</p> <p>SIGNATURE <i>LH</i> DATE <i>7/8/09</i> CHESAPEAKE AVIATION SERVICE, INC. C.R.S. LH 1R296K</p> <p>Aero Industries, Inc. 5690 Clarkson Road Richmond Int'l Airport. VA 23250</p> <p>Reg #: N2730P Make: Cessna Model: LC41-550FG Date: 09-01-2009 W/O #: 52053 Time: 641.8 S/N: 41071</p> <p>Tightened plastic to metal fitting in pitot line &amp; 90 degree fitting at static port to correct excessive leaks. Complied with inspection required by FAR 91.411 IAW FAR 43, App E. Complied with Correspondence Check IAW FAR 43, App E, par c. The maintenance described above was inspected in accordance with current FAA regulations and the aircraft/component is approved for return to service with respect to the work performed. AERO INDUSTRIES INC. CRS BIER466C.</p> <p><i>Rudy Teller</i> Authorized Signature</p>

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p style="text-align: right;"><b>Aero Industries, Inc.</b> 5745 Huntsman Road Richmond Int'l Airport. VA 23250</p>
			<p>Reg #: N2730P Make: Cessna Model: 400 Date: 10-06-2010 W/O #: 53954 Time: 712.4 S/N: 41071</p>
			<p>Complied with pitot/static leak test IAW FAR 43, Appendix E, paragraph a following removal &amp; replacement of PFD by maintenance. The maintenance described above was inspected in accordance with current FAA regulations and the aircraft/component is approved for return to service with respect to the work performed. AERO INDUSTRIES INC. CRS BIER466C.</p>
			<p><i>Rudy Stalter</i> Authorized Signature</p>
	AERO INDUSTRIES , INC 5745 HUNTSMAN RD . RICHMOND INTL. AIRPORT VA. , 23250 -2411		<p>DATE - 11/01/2010 MAKE - LANCAIR M/N - 400 S/N - 41071 REG. # N2730P TIME - 715.5</p>
	<p><b>ENTER IN : AVIONICS RECORD</b></p> <p>COMPLIED WITH THE FOLLOWING IN ACCORDANCE WITH CESSNA 400 AMM UNLESS OTHERWISE NOTED: PRELIMINARY INSPECTION ACCOMPLISHED PER AERO INDUSTRIES, INC. FORM 005. COMPLIED WITH AVIDYNE SERVICE BULLETIN SB601-00006-067 REVISION 2 DATED 7/29/2010 FOR AVIDYNE PFD RETURNS FOR FURTHER MODIFICATIONS: REMOVED PFD P/N 700-00006-100 REV 8 S/N 22492524 AND SENT TO AVIDYNE. RE-INSTALLED REPAIRED PFD P/N 700-00006-100 REV 8 S/N 22492524 IN ACCORDANCE WITH CESSNA 400 AMM CHAPTER 34-60-00, OPERATIONAL CHECK GOOD. PITOT/STATIC LEAK CHECK ACCOMPLISHED UNDER AERO AVIONICS WORK ORDER # 53954, CHECK IS WITHIN MANUAL AND REGULATORY LIMITS. MAGNETOMETER CALIBRATION COMPLIED WITH PER CHAPTER 34-60-00. GPS # 2 NOT COMMUNICATING WITH MFD: FOUND PIN "C" IN TERMINAL BLOCK 12 NOT LOCKED IN. INSTALLED AND LOCKED IN PIN "C" ON TERMINAL BLOCK 12, OPERATIONAL CHECK GOOD. AUDIO PLUG IN PENCIL BOX NOT WORKING: RE-RACKED RADIO AND PERFORMED OPERATIONAL CHECK OF AUDIO PLUG PER CESSNA 400 AMM CHAPTER 23, OPERATIONAL CHECK GOOD AT THIS TIME. AUTOPILOT HAS INTERMITTENT BEHAVIOR: CLEANED ALL PINS FOR BOTH (2) AUTOPILOT COMPUTER AND RESEATED COMPUTER, OPERATIONAL CHECK GOOD ON GROUND CHECK. AIRCRAFT TEST FLOWN FOR AUTOPILOT FUNCTIONAL CHECK, OPERATIONAL CHECK GOOD IN-FLIGHT. COMPLIED WITH LEAK AND OPERATIONAL CHECKS AS REQUIRED BY ANNUAL INSPECTION AND REPAIRS, ALL ITEMS CHECKED SATISFACTORY. THE MAINTENANCE DESCRIBED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH CURRENT TECHNICAL DATA AND FAA REGULATIONS AND WITH RESPECT TO THE WORK PERFORMED, THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. IN ADDITION TO THE ABOVE REPAIRS, I CERTIFY THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH THE CESSNA 400 AMM CHAPTER 5-20-00 INSPECTION CHECKLIST FOR AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DETAILS OF THIS INSPECTION AND/OR REPAIRS ABOVE ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. 53829. COMPLIED WITH FINAL INSPECTION FOR WORK ACCOMPLISHED UNDER THIS WORK ORDER. AIRCRAFT TOTAL TIME: 715.5 HOURS</p>		
	<p>SIGNATURE: <i>Thomas O'Fallon</i> CRS CERTIFICATE NO: BIER466C CHIEF INSPECTOR</p>		

<b>AERO INDUSTRIES, INC</b> 5745 Huntsman Rd. Richmond, VA. 23250		DATE <u>11-7-11</u> MAKE <u>LESSNA</u> M/N <u>400</u> S/N <u>41071</u> REG # <u>N17730P</u> TIME <u>H 762.2</u>	
<b>CRS BIER466C</b>			
ENTER IN: <b>AIRCRAFT RECORDS</b>			
SYSTEM	# 1	# 2	
ATC TDR	011-00490-00	83719341	
STATIC SYS	25,000		
ALTIMETER	P/N <u>7000-0006-100</u> SN <u>224192524</u>	25,000 FEET	P/N <u>5934PAD-3</u> SN <u>443164</u>
ENCODER	P/N <u>SSD120-XXA(1232)</u> SN <u>SRA10110</u>	25,000 FEET	

THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E & F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:

55438 11-7-11 CRSBIE R466C   
WORK ORDER DATE CERTIFICATE SIGNATURE

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>AERO INDUSTRIES, INC 5745 HUNTSMAN RD. RICHMOND INTL AIRPORT VA. 23250-2411</p> <p>DATE - 08 Nov 2013 MAKE - COLUMBIA M/N - LC41-550FG S/N - 41071 REG. # N2730P TIME - 907.2</p> <p>ENTER IN: AVIONICS RECORDS</p> <p>Complied with Avidyne document #601-00004-087 EX5000 MFD Compact flash replacement using steps 1 thru 4 and Avidyne Document #601-00004-104 steps 1 thru 23. MFD serial number is now E0034. Compact flash card PN 053-00201-210 REV 00. Nav data reloaded. CMAX chart data reloaded. Ops checked good!</p> <p>The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service, with respect to the work performed. Details of this repair are on file at this repair facility under: Work order# 57958      SIGNATURE <i>Lorraine M. Currier</i> CRS CERTIFICATE NO. BIER466C</p>

AERO INDUSTRIES, INC			
5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416 CRS BIER466C			
ENTER IN: AIRCRAFT RECORDS			
SYSTEM	#1	#2	
ATC TDR	011-004190-00 83719341		
STATIC SYS	25,000		
ALTIMETER	700.0000-100 SN 204992524	25,000	
ENCODER	550120-XKAU-H5032 SN 5001010	25,000	
THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E & F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:			
58148	12/31/2013	CRS BIER466C	<i>Randy Stith</i>
WORK ORDER	DATE	CERTIFICATE	SIGNATURE
FORM 9408.2B			

AERO INDUSTRIES, INC			
5745 Huntsman Rd, Richmond Int'l Airport, Va. 23250-2411 N2730P Cessna LC41-550FG sn 41071 AFTT: 914.2			
Isolated excessive pitot leak to fitting at pressure switch and tightened fitting. Isolated excessive static leak to Brunts at 3 way fitting at static drain. Tightened Brunts. C/W pitot/static leak test IAW FAR 43, App. E, paragraph a.			
The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service with respect to the work performed. Details of this repair are on file at this repair facility under: Work Order # 58148      Open Date: 12/31/2013 Certificate: CRS BIER 466C      Date - December 31, 2013			
Signature <i>Randy Stith</i>			

DA	AERO INDUSTRIES, INC	DATE 1-15-14
	5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416	MAKE LANCAIR M/N LC41-550FG S/N 41071 REG # N2730P TIME H 914.2
	ENTER IN: AIRFRAME / ENG / PROPELLER RECORDS	
	R&R EXPIRED BATTERY PACK (PIN OFF/ON 452-6499, S/N OFF N/A, S/N ON 361656-028) IAW THE ARTEX INSTALLATION INSTRUCTION DOC. # 571-6504 (REV C.)	
	COMPLIED WITH THE ELT INSPECTION REQUIREMENTS OF 14CFR 91, SECTION 91.207 (d)(2)(3)(4), AND ITEMS 3, 4, 5 ON THE RICHMOND FSDO RECOMMENDED ELT SUPPLEMENTAL INSPECTION PROCEDURE (FEB 21, 2003), IAW APPLICABLE SECTIONS OF THE ARTEX MAINT. MANUAL #25-62-30 (OCT. 3, 2013, 570-1600 REV R.).	
	THE MAINTENANCE DESCRIBED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND THE AIRCRAFT/COMPONENT IS APPROVED FOR RETURN TO SERVICE, WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR FACILITY UNDER:	
	58147	1.15.14
	WORK ORDER	DATE
	CRS BIER466C	CERTIFICATE
	<i>Randy Stith</i>	SIGNATURE
	FORM 9408.2B	

AERO INDUSTRIES, INC			
5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416			
ENTER IN: AIRFRAME / ENG / PROPELLER RECORDS			
SYSTEM	#1	#2	
ATC TDR	011-004190-00 83719341		
STATIC SYS	25,000		
ALTIMETER	700.0000-100 SN 204992524	25,000	
ENCODER	550120-XKAU-H5032 SN 5001010	25,000	
THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E & F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:			
58148	12/31/2013	CRS BIER466C	<i>Randy Stith</i>
WORK ORDER	DATE	CERTIFICATE	SIGNATURE
FORM 9408.2B			

AERO INDUSTRIES, INC			
5745 HUNTSMAN RD. RICHMOND INTL AIRPORT VA. 23250-2411			
ENTER IN: AIRFRAME RECORD			
DATE -04 APR 2015 MAKE - COLUMBIA M/N - 400 S/N - 41071 REG. # N2730P HOBBS: 988.0			
Complied with the following in accordance with Cessna 400 M/M and Garmin GNS 400 Series M/M unless otherwise noted: Preliminary inspection complied with per Aero Industries, Inc. Form 005. Complied with Final Inspection for work accomplished under this work order. Went into maintenance mode on #2 GNS 430 and verified set up. The main RS232 Config was not correct. Changed CHNL 2 to Ryan TCAD. Went out of maintenance mode and ops checked good. The maintenance described above was inspected and repaired in accordance with current technical data and FAA Regulations and with respect to the work performed, the aircraft is approved for return to service. Details of this inspection and/or repair are on file at this repair facility under Work Order No. 59896			
Signature: <i>Lorraine M. Currier</i> CRS Certificate No: BIER466C Inspector			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>AERO INDUSTRIES, INC 5745 HUNTSMAN RD. RICHMOND INTL AIRPORT VA. 23250-2411</p> <p>DATE — 11 JUN 2015 MAKE — COLUMBIA M/N — 400 S/N — 41071 REG. # N2730P HOBBS: 998.6</p> <p>ENTER IN: AIRFRAME RECORD</p> <p>Complied with the following in accordance with Cessna 400 M/M and Avidyne EX5000 m/m unless otherwise noted: Preliminary inspection complied with per Aero Industries, Inc. Form 005. Complied with Final Inspection for work accomplished under this work order. Removed MFD PN 700-00004-104 Rev 4 SN E0002. Installed overhauled MFD PN 700-00004-104.</p> <p>Complied with set up. Ops ck'd good. The maintenance described above was inspected and repaired in accordance with current technical data and FAA Regulations and with respect to the work performed, the aircraft is approved for return to service. Details of this inspection and/or repair are on file at this repair facility under Work Order No. 59896</p> <p>Signature: <u>John M Currier</u> CRS Certificate No: BIER466C Inspector</p>

AERO INDUSTRIES, INC			
5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416 CRS BIER466C			
ENTER IN: AIRCRAFT RECORDS			
SYSTEM	#1	#2	
ATC TDR	011-00490-00	83719341	
STATIC SYS	25,000		
ALTIMETER	700-00006-100 SN 22492524	25,000	
ENCODER	SSD120-XXA(R5232) SN SRA10110	25,000	
THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E & F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:			
60883	2.4.16	BIER466C	SIGNATURE
WORK ORDER	DATE	CERTIFICATE	

AERO INDUSTRIES, INC			
5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416			
ENTER IN: AIRFRAME / ENG / PROPELLER RECORDS			
<p>DATE 2.12.16 MAKE LANCAIR CO. M / N LC41-550FG S / N 41071 REG # N2730P TIME H 1048.7</p> <p>COMPLIED WITH THE ELT INSPECTION REQUIREMENTS OF 14CFR91, SECTION 91.207(d)(2)(3)(4), AND ITEMS 3-5 ON RICHMOND FSDO RECOMMENDED ELT SUPPLEMENTAL INSPECTION PROCEDURE (FEB 21, 2003), IAW APPLICABLE SECTIONS OF THE ARTEX MAINTENANCE MANUAL #25-62-30 (DEC 08, 2015, 570-1600 REV. VI). UNIT TESTED TO SPEC.</p> <p>ARTEX ME406 PIN 453-6603 SIN 188-03560</p> <p>THE MAINTENANCE DESCRIBED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND THE AIRCRAFT/COMPONENT IS APPROVED FOR RETURN TO SERVICE, WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR FACILITY UNDER:</p> <p>60902 2.12.16 BIER466C Rudy Stalter</p> <p>WORK ORDER DATE CERTIFICATE SIGNATURE FORM 9408 2B</p>			

DATE	AERO INDUSTRIES, INC	DATE	CERTIFICATE	SIGNATURE
	<p>5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416</p> <p>ENTER IN: AIRFRAME / ENG / PROPELLER RECORDS</p> <p>ARTEX ME406 P/N 453-6603 S/N 188-03560 COMPLIED WITH THE ELT INSPECTION REQUIREMENTS OF 14CFR91, SECTION 91.207(d)(2)(3)(4), AND ITEMS 3-5 ON RICHMOND FSDO RECOMMENDED ELT SUPPLEMENTAL INSPECTION PROCEDURE (FEB 21, 2003), IAW APPLICABLE SECTIONS OF THE ARTEX MAINTENANCE MANUAL #25-62-30 (DEC 7, 2016, 570-1600 REV. AA). UNIT TESTED TO SPEC.</p> <p>THE MAINTENANCE DESCRIBED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND THE AIRCRAFT/COMPONENT IS APPROVED FOR RETURN TO SERVICE, WITH RESPECT TO THE WORK PERFORMED. DETAILS OF THIS REPAIR ARE ON FILE AT THIS REPAIR FACILITY UNDER:</p> <p>62124 3-10-17 BIER466C</p> <p>WORK ORDER DATE CERTIFICATE SIGNATURE FORM 9408 2B</p>			

DATE	AERO INDUSTRIES, INC	DATE	CERTIFICATE	SIGNATURE
	<p>5745 HUNTSMAN RD RICHMOND INTERNATIONAL AIRPORT VIRGINIA, 23250-2416 CRS BIER466C</p> <p>ENTER IN: AIRCRAFT RECORDS</p> <p>ATC TDR 011-00490-00 83719341</p> <p>STATIC SYS 25,000</p> <p>ALTIMETER 700-00006-100 SN 22492524 25,000</p> <p>ENCODER SSD120-XXA(R5232) SN SRA10110 25,000</p> <p>THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E &amp; F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:</p> <p>63445 4/23/2018 BIER466C</p> <p>WORK ORDER DATE CERTIFICATE SIGNATURE FORM 9411.1B</p>			

DATE	AERO INDUSTRIES, INC	DATE	CERTIFICATE	SIGNATURE
	<p>5745 Huntsman Rd, Richmond Int'l Airport, Va. 23250-2411 N2730P Cessna 400 sn 41071 Hobbs: 1160.0</p> <p>C/W inspection requirements of FAR 91.207(d) IAW Richmond FSDO ELT Recommended Supplemental Inspection Procedure, Rev Feb 21, 2003, steps 3, 4, &amp; 5 and Artx ME406ELT MM Doc #570-1600, Rev AA, dated Dec 7, 2016.</p> <p>The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service with respect to the work performed. Details of this repair are on file at this repair facility under</p> <p>Work Order #63563 Open Date: 5/21/2018</p> <p>Certificate: CRS BIER 466C Date - 5/29/2018</p> <p>Signature Rudy Stalter</p>			

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p><i>Belle Aircraft Maintenance 20 Lindbergh Ln, Fletcher, NC 28732</i> 11/30/2018 N2730P LC41-550FG H/M: 1203.9</p> <p>Airframe Log Removed Garmin GTX 327 transponder and installed Appareo Stratus ES transponder P/N: 153510-000069 S/N: 201049 IAW STC SA04112CH and FAA policy Memo dated 3/2/2016. Installed Stratus power USB power port. The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14CFR section 91.227. Change to weight and balance negligible. Placed Pilots Guide in aircraft.</p> <p><i>Patrick E. Gray</i> 3518803 A&amp;P Patrick E. Gray</p>

## FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: <i>Stratus</i>	MODEL: <i>ES</i>	S/N <i>201049</i>
TRANSPONDER #2	MAKE: <i>—</i>	MODEL: <i>—</i>	S/N <i>—</i>
DATE <i>11-30-2018</i>	W/O <i>1962</i>	INSPECTOR: <i>John Pender</i>	<i>PF Flyers, Inc.</i>
FAA APPROVED REPAIR STATION # <i>Y3FR325Y</i>			

AERO INDUSTRIES , INC,  
5745 Huntsman Rd, Richmond Intl Airport, Va. 23250-2411  
**N2730P Cessna 400 sn 41071 Hobbs: 1264.6**

C/W annual ELT inspection required by FAR 91.207 (d) IAW Richmond FSDO ELT Recommended Supplemental Inspection Procedure, Rev Feb 21, 2003, steps 3, 5, & 5 and Artex ME406 MM, Doc #570-1600, Rev AE, dated 5/28/2020.

The maintenance described above was inspected in accordance with current FAA regulations and the aircraft / component is approved for return to service with respect to the work performed. Details of this repair are on file at this repair facility under Work Order #66329 Open Date: 6/23/2020

Certificate: CRS BIER 466C Date - 6/23/2020

Signature *Rudy Stalter*

AERO INDUSTRIES, INC  
5745 HUNTSMAN RD  
RICHMOND INTERNATIONAL AIRPORT  
VIRGINIA, 23250-2416  
CRS BIER466C

ENTER IN: AIRCRAFT RECORDS

DATE *6/24/20*  
MAKE *Lancer*  
M / N *400*  
S / N *41071*  
REG # *N2730P*  
TIME *1264.6*

SYSTEM	#1	#2
ATC TDR	<i>153510-000069 201049</i>	
STATIC SYS	<i>25,000</i>	
ALTIMETER	<i>700-00006-100 25,000</i> <i>SN 32492524</i>	<i>59341PA0-3 25,000</i> <i>SN 443164</i>
ENCODER	<i>500100-xxA-B9233 25,000</i> <i>SN 30410110</i>	

THE ALTIMETER SYSTEM AND PRESSURE ALTITUDE REPORTING SYSTEM/STATIC SYSTEM TEST REQUIRED BY FAR 91.411 AND ATC TRANSPONDER TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED AND FOUND TO COMPLY WITH FAR 43, APPENDIX E & F. DETAILS OF THIS TEST ARE ON FILE AT THIS REPAIR FACILITY UNDER:

*66332 6/24/20 CRS BIER 466C Rudy Stalter*

DATE

CERTIFICATE

SIGNATURE

FORM 8411.1B