

**AIRCRAFT LOG**  
**AE5-1**

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENG			
ENG			
PROPI			
PROPI			
ENG			
ENG			
PROPI			
PROPI			
ENG			
ENG			
PROPI			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			
PROPELLER			

	Part Name	Expires	Replacement Date	Replacement Date
ENG	CAPS Rocket Motor	06/2025		
PROPI	CAPS Parachute	06/2025		
PROPI	CAPS Line Cutters	05/2018		
ENG	EMA Controller	N/A		
ENG	Pilot Seat Inflator	N/A		
PROPI	Co-Pilot Seat Inflator	N/A		
PROPI	#2 Batteries	06/2017		
PROPI	ELT Battery	02/2019		
ENG	Remote ELT Battery	10/2023		
ENG	TKS Filter	06/2017		

## INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
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MAKE: Cirrus Design Corp  
 MODEL: Sr22  
 S/N: 1395  
 REG NO: N395LM  
 WORK ORDER:  
 1282-06-2015

### Lone Mountain Aircraft Maintenance

2460 Greentree Road  
 Hangar 12  
 Lebanon, Ohio 45036  
 Phone: 888-566-3686


DATE: 6/18/2015  
 A/C TSN:  
 HOBBS: 1041.6

#### Airframe Entries

(2) Parachute and Rocket due 10 year replacement interval. SB2X-95-18R1, SB2X-95-13 and SB2X-95-12 need to be replaced in conjunction with Parachute and Rocket replacement.... Removed and replaced both Rocket and Parachute IAW MM 95-01-01. Complied with SB2X-95-18R1, Rocket Motor Replacement. Complied with SB2X-95-13, CAPS strap and grommet installation. Parachute installed P/N 25547-004, S/N 01833R1, Next due replacement 05-12-2025. Installed Rocket P/N 29554-001, S/N 1078, Next due replacement 05-09-2025. SB2X-95-12 Line Cutters Rigging Illustration N/A due to installation date.... (3) #2 Batteries due 2 year replacement.... Removed and replaced #2 Batteries, Batteries next due replacement 06/2017.... (4) DFC90 Upgrade.... DFC90 Autopilot Upgrade completed IAW STC SA00296BO. Installed DFC90 Autopilot Control Head S/N M143628202. Installed PFD S/N 22629493. Calibrated Compass and ground check of Autopilot completed with no defects noted.

DATE: 6/18/2015

SIGNED:



Ryan Yenger, A: 3669633

Work Order: 1282-06-2015

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ENGINE

ENGINE

PROPELLER

PROPELLER

## MAJOR ALTERATIONS

DATE

DESCRIPTION OF ALTERATION



**Midwest Aircraft Refinishing**  
11038 Hwy 37 Bld A Box 8  
Hibbing, MN 55746 (218)404-0314

Cirrus Design Corporation SR22 14 Aug 2015  
N395LM 22-1395 Hobbs- 1047.3

Removed and disassembled all flight controls, cabin doors, baggage door, wheel fairings, wing root and horizontal fairings, access panels, cowling, entry steps and handles, wing tips, antennas, and flap hinge fairings in preparation for paint work. Prepped and painted aircraft and associated parts IAW SR22 AMM 51-20. Replaced all required markings and displayed N# on aircraft. Balanced all primary flight controls and all are within limits. Repaired both lower cowlings for heat damage IAW Ch 51 SR22 AMM. Complied with Part U of SB2X-34-24R1 (GPS 2 WASS repair). Re-assembled aircraft IAW SR22 AMM. Replaced exterior hardware, wing walks, placards, and aileron gap seals. All weight and balance changes negligible. All work performed IAW Cirrus Design SR22 AMM. I hereby approve this airframe for return to service.

Ross W. Robillard

A&P # 3353760

Signature

A handwritten signature in black ink, appearing to read "Ross W. Robillard", written over a horizontal line.

# MAJOR ALTERATIONS

DATE	DESCRIPTION OF ALTERATION
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## WISCONSIN AVIATION FOUR LAKES, INC.

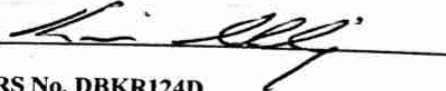
### DESCRIPTION OF WORK DONE:

Performed Skywatch antenna calibration. Ramp check good.

N395LM

-----END-----

The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file at this agency under the following work number.

DATE: 8/20/15 HOBBS: 1049.3 WO#: AV15-14195 SIGNED: 

3606 Corben Ct. - Madison, WI 53704 - CRS No. DBKR124D  
(608) 268-5006 (608) 268-5038 FAX

## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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MAKE: Cirrus Design Corp  
 MODEL: Sr22  
 S/N: 1395  
 REG. NO. N395LM  
 WORK ORDER:  
 1320-08-2015



### Lone Mountain Aircraft Maintenance

2460 Greentree Road  
 Hangar 12  
 Lebanon, Ohio 45036  
 Phone: 888-566-3686

DATE: 10/22/2015  
 A/C TSN:  
 HOBBS: 1071.8

#### Airframe Entries

(1) Airframe Annual Inspection... Complied with the airframe annual inspection according to the manufacturers maintenance manual. Serviced all wheel bearings. Serviced fuel gaskolator. Comply with FAR 91.207 ELT inspection. Inspected fire bottle. Serviced hydraulic fluid. Serviced tire pressures. Serviced #1 ship battery. Serviced #2 ship battery. Installed new induction air filter. Researched SB's and complied with all applicable ADs.... (5) POH is out of date and currently has A6 revision installed.... Installed new POH in aircraft. Weight and balance forms were transferred from old POH to new.... (6) Engine mount chaffed beyond limits.... Removed engine mount, sent out for repair and reinstalled IAW Cirrus MM 71-00. Aerospace Welding repaired mount WO# 83849.... (7) SB2X-27-16R2 Flap actuator modification due.... Complied with SB2X-27-16R2 mod to prevent possible asymmetric flap and flap actuator over extension.... (8) SB2X-32-19R3 NLG reinforcement has not been complied with.... Complied with SB2X-32-19R3 NLG reinforcement.... (9) SB2X-05-02 Induction Duct Flapper Bolt inspection due.... C/W SB2X-05-02 Induction Duct Flapper Bolt inspection. Removed and replaced worn flapper bolt.... (10) TKS filter due change.... Removed and replaced TKS filter, next due replacement on 10/2017.... (16) L/H MLG brake linings are nearing serviceable limits.... Removed and replaced L/H MLG brake linings.... (20) Cockpit fire extinguisher fails weight test (466 grams)... Removed and replaced cockpit fire extinguisher.... (21) Ail/rudder interconnect throws excessive. Bungee not ty wrapped per S.B.... Performed adj/test of Rudder-Aileron interconnect. Throws checked good. Secured bungee with ty-wraps as per S.B.... (25) TKS sys. needs ops checked.... Taped off leading edge of both wings and horizontal stabilizer and operated TKS system. Ensured all leading edge panels showed sign of TKS secretion. Removed tape from all leading edge surfaces.... (26) Center arm rest hinge broken.... Removed and replaced center arm rest hinge.... (28) Both aft overhead lights are inop.... Removed and replaced both aft overhead light assemblies.... (29) R/H fwd overhead light is inop.... Removed and replaced R/H fwd overhead light assembly.... (30) Bezel Mat for center console is deteriorated.... Removed and replaced worn center console bezel mat.

This Airframe has been inspected in accordance with a 100/annual inspection in accordance with the manufacturers maintenance manual and current FAA regulations and has been determined to be in an airworthy condition. END

DATE: 10/22/2015

SIGNED

Tony McBee, IA. 3248287

Work Order: 1320-08-2015

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## LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS

NAME OF PART	PART NUMBER	SERIAL NUMBER	INSTALLATION DATE/HOURS	TIME ON PART AT INSTALL	LIFE LIMIT OR T.B.O.	REMOVAL DATE/HOURS	AGENCY CERT. NO.
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### AIRFRAME ENTRY

**"N" #:** N395LM     
 **Make:** CIRRUS     
 **Model:** SR22     
 **Serial #:** 1395     
 **Hobbs Time:** 1121.6     
 **Date:** 1/13/2016

**Description**

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. AMP METER SHOWS NO NEEDLE DEFLECTION. TROUBLESHOT AND FOUND BROKEN LOGIC MODULE PIN IN CIRCUIT BOARD SOCKET. UNABLE TO EXTRACT PIN. REMOVED MCU-120 P/N 16600-011 S/N 0355 AND INSTALLED OVERHAULD UNIT P/N 16600-011S S/N 00468. GROUND RUN AND OPERATIONAL CHECKED GOOD I/A/W CIRRUS SR22 M/M, APPLICABLE SECTIONS OF CHAPTER 24-30.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93423.

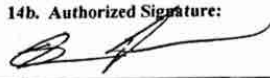


SIGNED BY: *Jack Aaron* FOR  
 EAGLE AVIATION, INC., 2851 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D


1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>2269-11-2015-01</b>
4. Organization Name and Address: <b>Cirrus Design Factory Service Center, 4961 Airport Road, Duluth, MN 55811 (CRS# YD5R855Y)</b>				5. Work Order/Contract/Invoice Number: <b>2269-11-2015</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
<b>1</b>	<b>MCU</b>	<b>16600-011S</b>	<b>1</b>	<b>00468</b>	<b>OVERHAULED</b>

12. Remarks: MCU is approved for return to service. A GENERAL DESCRIPTION OF THE WORK PERFORMED IS ATTACHED AS A SEPARATE TRAVELER FORM UNDER THE PART DESCRIPTION LISTED IN BLOCKS 6,7,8,10, AND 11 AS APPLICABLE. A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. **The installer is responsible for sealing the Perimeter of Cover with High Temperature red RTV and ensuring complete compliance with any applicable Airworthiness Directives.**  
Refer to Attached MCU Service Repair and Overhaul Traveler CS507 Rev 08.  
Airworthiness Approval-Part, This is Not an Export Approval.  
Inspected/Tested MCU per MCU Component Manual Doc. 15686-001 Reissue B, Dated May 2006.  
Article is Approved for Return to Service.


This Certifies that the work specified in block 11/12 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.5632 and Cirrus Design Factory Service Center CRS #YD5R855Y

13a. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 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.	
3b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature: 	14c. Approval/Certificate No.: <b>YD5R855Y</b>
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): <b>JESSIE THOMPSON</b>	14e. Date (dd/mmm/yyyy): <b>21-DEC-2015</b>

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.  
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.  
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
						<u>AIRFRAME ENTRY</u>
	"N" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Hobbs Time: 1151.2	Date: 2/19/2016
	Description					
	<ol style="list-style-type: none"> <li>1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).</li> <li>2. #6 CHT INDICATION ERRATIC. REMOVED AND REPLACED PROBE WITH NEW P/N 14880-001 I/AW CIRRUS SR22 M/M, APPLICABLE SECTIONS OF CHAPTER 77-20. OPS CHECKED GOOD.</li> <li>3. PERFORMED ELECTRICAL SYSTEMS OPERATIONAL TEST I/AW CIRRUS SR22 M/M, APPLICABLE SECTIONS OF CHAPTER 24-30. NO DEFECTS NOTED, OPERATIONAL CHECKED GOOD.</li> </ol>					
	*****MAINTENANCE RELEASE*****					
	THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93499.					
		SIGNED BY: <u>Jacko Acron</u> FOR				
	EAGLE AVIATION, INC., 2811 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170 FAA APPROVED REPAIR STATION NO. FEHR859D					

# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
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**AIRFRAME ENTRY**

"N" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Hobbs Time: 1180.4	Date: 3/21/2016
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**Description**

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. XM WEATHER NOT RECEIVING. TROUBLESHOT AND FOUND ANTENNA TO BE DEFECTIVE. REMOVED COMANT COMM/XM ANTENNA P/N CI2480-206 S/N 5025377 AND INSTALLED NEW ANTENNA CI2480-206 S/N 5080297. GROUND CHECKED GOOD I/A/W APPLICABLE SECTIONS OF CIRRUS SR22 M/M CHAPTERS 23-10 & 34-50.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*


THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93553.



SIGNED BY: *Jack Acron* FOR  
 EAGLE AVIATION, INC., 2851 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D

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# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE RECORD

A.D./BULL. NUMBER	ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHORIZED SIGNATURE CERTIFICATE NO.
						<u>AIRFRAME ENTRY</u>
	"N" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Total Time: 1314.5	Date: 7/14/2016
	<b>Description</b>					
	<ol style="list-style-type: none"> <li>1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).</li> <li>2. CHECKED TRANSPONDER AND FOUND MODE C REPORTING OFF BY APPROX. 250'. GAINED ACCESS TO BLIND ENCODER ACK A-30 S/N 94453 TO ADJUST. PITOT/STATIC LEAKS WERE VERY HIGH. TROUBLESHOT LEAKS AND FOUND TUBING TO A/P TRANSDUCER IN VERY POOR CONDITION. REPLACED TUBE TO TRANSDUCER AND SECURED. ALSO FOUND CONNECTION ON THE PITOT LINE OF THE SKY WATCH AIRSPEED SWITCH LOOSE, RESECURED. PERFORMED CALIBRATION AS NEEDED TO THE BLIND ENCODER I/AW APPLICABLE SECTIONS OF THE ACK A30 INSTALLATION MANUAL P/N A30M REV 4. LEAK CHECKED GOOD I/AW APPLICABLE SECTIONS OF THE CIRRUS SR22 M/M, CHAPTER 34-10.</li> <li>3. INSPECTED LANDING LIGHT HARNESS AND FOUND CANNON PLUG LOOSE. CLEANED AND RESECURED CANNON PLUG. OPS CHECKED GOOD I/AW CIRRUS SR22 M/M, APPLICABLE SECTIONS OF CHAPTER 33-40.</li> <li>4. R/H WHEEL FAIRING MISSING SCREW. INSTALLED NEW SCREWS I/AW CIRRUS SR22 M/M, APPLICABLE SECTIONS OF CHAPTER 32-10.</li> </ol>					
	*****MAINTENANCE RELEASE*****					
	<p>THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93753.</p>					
		SIGNED BY: <i>Jack Aaron</i> FOR				
	EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170 FAA APPROVED REPAIR STATION NO. FEHR859D					



# AIRWORTHINESS DIRECTIVE/FACTORY BULLETIN COMPLIANCE

ITEM AFFECTED	DATE & HRS. AT COMP.	METHOD OF COMPLIANCE	TYPE OF A.D. 1 TIME/RECUR.	NEXT COMP. DATE/HRS./CYCLE	AUTHOR CERT.
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AIRFRAME ENTRY

"A" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Total Time: 1349.4	Date: 8/12/2016
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**Description**

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. REMOVED AND REPLACED ATTITUDE INDICATOR, REMOVED P/N 504-0111-942 S/N 504011194226257 INSTALLED P/N 504-0111-942 S/N 504011194227638 I/AW CIRRUS SR22 MM APPLICABLE SECTION OF CH 34-20-00. OPS CHECK GOOD.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93828.



SIGNED BY: *W. W. [Signature]* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 111003	
4. Organization Name and Address: <b>Pacific Southwest Instruments</b> 1721 Railroad Street Corona, CA 92880 USA Ph: 1-951-737-0790, Fax: 1-951-273-7149 Certificate Number: <b>KD3R627L</b>				5. Work Order/Contract/Invoice Number: <b>297993</b>	
6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	ATTITUDE INDICATOR 1100-28LS(14E)	504-0111-942	1.00	504011194227638	OVERHAULED

12. Remarks: Item 1 was manufactured by: AIM  
For further details, see Work Order No: 297993  
Unit was OVERHAULED in accordance with  
TP-529 Rev E, Dated 3/14/2016

Alternate Part Numbers: 1100-28LS(14E)

certifies that the work specified in block 11/12 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 Approval Number EASA 145.4723.

13a. Certifies the items identified above were manufactured in conformity to:

Approved design data and are in a condition for safe operation.

Non-approved design data specified in Block 12

b. Authorized Signature:

d. Name (Typed or Printed):

14a.  14 CFR 43.9 Return to Service  Other regulation specified in Block 12

14b. Authorized Signature: *David A Bishop*

14c. Approval/Certificate No.: **KD3R627L**

14d. Name (Typed or Printed): **DAVID A. BISHOP**

14e. Date (dd/mmm/yyyy): **11/Aug/2016**

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1. It is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statement 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.

OVERHAULED  
297993





1. Approving Civil Aviation Authority Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>5277438</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>				5. Work Order/Contract/Invoice Number: <b>2416238</b>		
6. Item: <b>10</b>	7. Description: <b>DISC BRAKE WHEEL</b>	8. Part Number: <b>164-01501</b>	9. Quantity: <b>2</b>	10. Serial Number: <b>N/A</b>	11. Status/Work: <b>New</b>	
12. Remarks: <b>AUTHORIZED RELEASE DOCUMENT</b> <b>PO#: 18228</b>						
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.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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.			
13b. Authorized Signature: <i>Randy Malcolm</i>		13c. Approval Authorization No.: <b>PC4</b>	14b. Authorized Signature		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): <b>RANDY MALCOLM</b>		13e. Date (dd/mm/yyyy): <b>21/Sep/2016</b>	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.</p> <p>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.</p> <p>... installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in</p>						

1. Approving Civil Aviation Authority, Country: <b>FAA/United States</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number <b>5277438</b>
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4. Organization Name and Address <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>	5. Work Order/Contract Invoice Number <b>2416238</b>
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6. Item <b>10</b>	7. Description <b>DISC BRAKE WHEEL</b>	8. Part Number <b>164-01501</b>	9. Quantity <b>2</b>	10. Serial Number <b>N/A</b>	11. Status Work <b>New</b>
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12. Remarks:  
**AUTHORIZED RELEASE DOCUMENT**  
**PO#: 18228**


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	14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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
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13b. Authorized Signature <i>Randy Malcolm</i>	13c. Approval Authorization No. <b>PC4</b>	13d. Authorized Signature	14c. Approval Certificate No.
13d. Name (Typed or Printed) <b>RANDY MALCOLM</b>	13e. Date (dd/mm/yyyy) <b>21/Sep/2016</b>	13d. Name (Typed or Printed)	14c. Date (dd/mm/yyyy)

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s) article(s) from the airworthiness authority of the

1. Approving Civil Aviation Authority Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number <b>5146775</b>	
4. Organization Name and Address <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>				5. Work Order/Contract Invoice Number <b>2312600</b>		
6. Item <b>100</b>	7. Description <b>TUBE G15/6.00X6 TR20/STR</b>	8. Part Number <b>302-246-401</b>	9. Quantity <b>2</b>	10. Serial Number <b>N/A</b>	11. Status/Work <b>New</b>	
12. Remarks <b>AUTHORIZED RELEASE DOCUMENT</b>  <b>PO#: 17825</b>						
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.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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.			
13b. Authorized Signature 		13c. Approval Authorization No. <b>PC4</b>		13d. Authorized Signature		13e. Approval Certificate No.
13d. Name (Typed or Printed) <b>JOHNNY GLOVER</b>		13e. Date (dd/mm/yyyy) <b>27/Jun/2016</b>		14d. Name (Typed or Printed)		14e. Date (dd/mm/yyyy)
<b>User/Installer Responsibilities</b>						
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) attachments from the airworthiness authority of the country specified in Block 1.						
Note: This form does not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in						

1. Approving Civil Aviation Authority Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form #130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number <b>5146775</b>
4. Organization Name and Address <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>					5. Work Order Contract Invoice Number <b>2312600</b>	
6. Item <b>100</b>	7. Description <b>TUBE G15/6.00X6 TR20/STR</b>	8. Part Number <b>302-246-401</b>	9. Quantity <b>2</b>	10. Serial Number <b>N/A</b>	11. Status Work <b>New</b>	
12. Remarks <b>AUTHORIZED RELEASE DOCUMENT</b>  <b>PO#: 17825</b>						
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			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified to Block 13 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature 		13c. Approval Authorization No. <b>PC4</b>	13d. Approver's Signature 	13e. Approval Certificate No.		
13d. Name (Typed or Printed) <b>JOHNNY GLOVER</b>		13e. Date (dd/mm/yyyy) <b>27/Jun/2016</b>	14b. Name (Typed or Printed)	14c. Date (dd/mm/yyyy)		
<b>User/Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller or/and 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>Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification record in accordance with the national regulations by the user/installer before the aircraft may be flown.</small>						



**AIRFRAME ENTRY**

"N" #: N395LM      Make: CIRRUS      Model: SR22      Serial #: 1395      Total Time: 1441.5      Date: 10/24/2016

- Description
1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145 211(c)(ii).
  2. COMPLIED WITH ANNUAL INSPECTION IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 5-20 AND FAR 43 APPENDIX D. GROUND RUN, OPERATIONAL AND LEAK CHECKS GOOD. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 12-10.
  3. COMPLIED WITH ELT YEARLY INSPECTION IAW FAR91.207(d). NO DEFECTS NOTED AT THIS TIME.
  4. OPERATIONAL CHECKS GOOD. BATTERY REPLACEMENT DUE 2/2019.
  5. TRANSPONDER FAILED FREQUENCY TEST. REMOVED AND REPLACED GARMIN GTX327 P/N 011-00490-00 S/N 83719376, RESET TRANSMITTER FREQUENCY IAW APPLICABLE SECTIONS OF THE GARMIN GTX 327 MM P/N 190-00187-05 REV C. COMPLIED WITH THE TRANSPONDER CERTIFICATE IAW FAR 91.413 AND PART 43 APPENDIX F. STANDBY ALTIMETER FAILED FRICTION TEST AT ITS UPPER LIMITS. REMOVED UNITED P/N 59340-3A.249G S/N 438590 INSTALLED OVERHAULED EXCHANGE UNIT UNITED P/N 59340-3A.249G S/N 453903 WITH CERTIFICATE OF 18OCT2016. COMPLIED WITH ALTIMETER CERTIFICATION IAW FAR 91.411 AND PART 43 APPENDIX E. AVIDYNE ENTEGRA P/N 700-00006-000 S/N 22629493 CORRELATION TEST SHOWS BLIND ENCODER WAS OUT OF CAL. THIS HAD BEEN SET BACK IN JULY 2016. SUSPECT BLIND ENCODER HAS INTERNAL PROBLEM. REMOVED ACK A-30.4 S/N 94453 AND INSTALLED NEW UNIT ACK A-30.5 S/N 140304. CALIBRATED AS NEEDED IAW APPLICABLE SECTIONS OF THE ACK A-30 INSTALLATION MANUAL P/N A30M REV 06. COMPLIED WITH CORRELATION AND STATIC SYSTEM TEST IAW FAR 91.411 AND PART 43 APPENDIX E.
  6. GASCOLATOR FUEL FILTER DUE 50HR SERVICE - COMPLIED WITH 50 HR GASCOLATOR FUEL FILTER AND BOWL SERVICE IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 28-20.
  7. BRAKE ASSY ORINGS DUE 1YR REPLACEMENT - REMOVED AND REPLACED LEFT AND RIGHT HAND BRAKE CALIPER ORINGS WITH NEW P/N MS28775-222 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-42. BLED AND SERVICED SYSTEM. OPERATIONAL AND LEAK CHECK GOOD.
  8. INDUCTION DUCT FLAPPER BOLT DUE 500HR/2YR REPLACEMENT - REMOVED AND REPLACED INDUCTION DUCT FLAPPER BOLT WITH NEW P/N AN3-34 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 71-60.
  - 9.AILERON-RUDDER INTERCONNECT SHOCK CORD DUE 5YR REPLACEMENT - REMOVED AND REPLACED AILERON - RUDDER INTERCONNECT SHOCK CHORD WITH NEW P/N 12983-001 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 27-20.
  10. CAPS ACTIVATION COVER MISSING - INSTALLED NEW CAPS ACTIVATION COVER P/N 14264-002 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 95-00.
  11. ALTERNATE AIR DUCT SUPPORT TUBE BROKEN - REMOVED AND REPLACED ALTERNATE AIR DUCT SUPPORT TUBE WITH NEW P/N 18293-001 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 71-60.
  12. RIGHT WING RECOG LIGHT INOP - REMOVED AND REPLACED RIGHT WING RECOG LAMP WITH NEW P/N 34-0428070-64 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 35-40.
  13. PILOT CUP HOLDER BROKEN - REMOVED AND REPLACED PILOT CUP HOLDER WITH NEW P/N 51179-001 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-10.
  14. #1 ALTERNATOR FIELD TERMINAL LOOSE INTERNALLY - REMOVED #1 ALTERNATOR P/N 646843R S/N H-M020088. INSTALLED REBUILT ALTERNATOR P/N R646843 S/N 0161A004R WITH NEW GASKET IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 24-30. GROUND RUN OPERATIONAL AND LEAK CHECK GOOD.
  15. COPILOTS DOOR TRIM LOOSE - REPOSITIONED AND SECURED COPILOTS DOOR TRIM IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-10.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 93960.



SIGNED BY: *Wuu Woy* FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

# AUTHORIZED RELEASE CERTIFICATE

## FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country:  FAA/United States					3. Form Tracking Number:  000292158	
4. Organization Name and Address:   MidContinent INSTRUMENTS+AVIONICS		9400 E. 34th Street N. Wichita, KS 67226 FAA CRS OL2R061L			5. Work Order/Contract/Invoice Number  000292158	
6. Item:	7. Description:	8. Part number:	9. Quantity:	10. Serial number:	11. Status/Work:	
1	Altimeter	5934D-3A,249G 5934D-3	1	453903		
12. Remarks: <b>THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED. ALL WORK WAS PERFORMED REF. MANUAL # TM-5934 / REV. 4 / 1 Mar 2010</b>						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" 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>		
13b. Authorized signature:		13c. Approval/Authorization No.:	14b. Authorized signature: 		14c. Approval/Certificate No.: FAA CRS OL2R061L	
13d. Name (Types or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Types or Printed): Nicholas Ryan Howe		14e. Date (dd/mmm/yyyy): 18/Oct/2016	
<b>User/Installer Responsibilities</b>						
<p><b>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</b></p> <p>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.</p> <p>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 user/installer before the aircraft may be flown.</p>						





**EAGLE AVIATION, INC.**  
 2861 AVIATION WAY  
 WEST COLUMBIA, SC 29170  
 FAA APPROVED REPAIR STATION #FEHR859D

TESTED IN ACCORDANCE WITH FAA REGULATIONS, PART 43, APPENDIX E.  
 CALIBRATED TO 30000 FEET.

ALTITUDE	SCALE ERROR	FRICTION ERROR	CASE LEAK: -11		
-1000	-1002		HYSTEREIS:		
0	-2		ALTITUDE	UP READING	DOWN READING
500	496				
1000	995	0	12000	11994	11992
1500	1495				
2000	1995	0	15000	14994	14991
3000	2995	0			
4000	3995		AFTER EFFECT: -2		
5000	4995	0	BARO. SCALE ERROR:		
6000	5995		28.10	N/A	-1727
8000	7995		28.50	N/A	-1340
10000	9994	0	29.00	-867	-863
12000	11994		29.50	-396	-392
14000	13994		29.92	-2	0
15000	14994	0	30.50	530	531
16000	15993		30.90	891	893
18000	17991		30.99	971	974
20000	19991	0	ALTIMETER SERIAL NUMBER: 22629493		
22000	21990		MAKE: Avidyne		MODEL: Integra
25000	24988	0	PART NUMBER: 700-00006-000		
30000	29985	0	MECHANIC: Mark Giles		
35000			INSPECTOR: Mark Giles		
40000			DATE TESTED: 10-19-16		
45000			WO NUMBER: 93960		
50000			A/C REGISTRATION NUMBER N395LM		

Certified Repair Station  
No. OL2 R061L

Test Point (feet)	Scale Error Tol ± (feet)	Friction Error Tol ± (feet)	Altimeter Reading		Actual Scale Error (feet)	Actual Friction Error (feet)
			Before Vibration	After Vibration		
-1,000	20	70	-985	-1,020	20	35
0	20	70	-35	-15	15	20
500	20	70	470	500	0	30
1,000	20	70	980	1,000	0	20
1,500	25	70	1,475	1,500	0	25
2,000	30	70	1,980	2,000	0	20
3,000	30	70	2,980	3,005	5	25
4,000	35	70	3,975	3,995	5	20
5,000	35	70	4,970	4,990	10	20
6,000	40	70	5,960	5,980	20	20
8,000	60	70	7,940	7,965	35	25
10,000	80	80	9,920	9,955	45	35
12,000	90	80	11,925	11,960	40	35
14,000	100	80	13,930	13,960	40	30
15,000	105	80	14,930	14,960	40	30
16,000	110	90	15,940	15,975	25	35
18,000	120	90	17,940	17,980	20	40
20,000	130	100	19,950	19,990	10	40

Part Number: 5934D-3A.249G  
 Serial Number: 453903  
 W.O. Number: 292158

Tested Through: 20,000' Panel Tilt: 0°

VISUAL EXAMINATION: \_\_\_\_\_  
 POSITION ERROR (Tol. ± 20') : OK  
 CASE LEAK (Tol. ± 100' / min.): 10  
 HYSTERESIS (Tol. ± 75') : 15

ALTIMETER READS

UP	DOWN
7,965'	7,990'
9,955'	9,980'

40% -- 8,000'  
 50% -- 10,000'  
 AFTER EFFECT (Tol. ± 30') : 15  
 BAROMETRIC SCALE ERROR (Tol. ± 25')

MB	IN HG	FEET	RANGE	READINGS
951.6	28.10	-1,727	(-1,702 / -1,752)	-1,745
965.1	28.50	-1,340	(-1,315 / -1,365)	-1,350
982.0	29.00	-863	(-838 / -888)	-875
999.0	29.50	-392	(-367 / -417)	-400
1013.2	29.92	0	0	0
1032.8	30.50	+531	(+506 / +556)	525
1046.4	30.90	+893	(+868 / +918)	890
1049.4	30.99	+974	(+949 / +999)	960

LIGHTING: \_\_\_\_\_ OK

TECHNICIAN: Dupraw #767 DATE: 10/18/2016

SHOP INSPECTOR: Russell 884 DATE: 10/18/2016

FINAL INSPECTION - CERTIFIED REPAIRMAN

INSPECTOR: [Signature] DATE: 10-18-16



# EAGLE AVIATION, INC.

## \*\* ATC TRANSPONDER TESTS AND INSPECTIONS \*\*

- AIRCRAFT -		
MAKE: <u>Cirrus</u>	MODEL: <u>SR22</u>	S/N: <u>1395</u> N# <u>395LM</u>
- TRANSPONDER -		
MAKE: <u>Garmin</u>	MODEL: <u>GTX327</u>	S/N: <u>83719376</u> CLASS: <u>1A</u>
<b>(A) RADIO REPLY FREQUENCY:</b>	PASS	FAIL
(1) FOR ALL CLASSES OF ATCRBS TRANSPONDERS VERIFY THAT THE REPLY FREQUENCY IS 1090+/-3(MHz). FREQUENCY ERROR: <u>1090.0</u> (BENCH) _____ (AIRCRAFT).	X	
(2) FOR CLASSES 1A, 2A, 3A, & 4 MODE S TRANSPONDERS VERIFY THAT THE FREQUENCY IS 1090+/-3(MHz). FREQUENCY ERROR: _____ (BENCH) _____ (AIRCRAFT).	N/A	
(3) FOR CLASSES 1B, 2B, 3B, MODE S TRANSPONDERS VERIFY REPLY FREQUENCY IS 1090+/-3(MHz). FREQUENCY ERROR: _____ (BENCH) _____ (AIRCRAFT).	N/A	
<b>(B) SUPPRESSION:</b>		
(1) VERIFY THAT THE TRANSPONDER DOESN'T RESPOND TO MORE THAN 1% OF ATCRBS INTERROGATIONS WHEN AMPLITUDE OF P2 PULSE IS = TO THE P1 PULSE.	X	
(2) VERIFY THAT THE TRANSPONDER REPLIES TO AT LEAST 90% OF ATCRBS INTERROGATIONS WHEN THE AMPLITUDE OF THE P2 PULSE IS 9 dB LESS THAN THE P1 PULSE.	X	
<b>(C) RECEIVER SENSITIVITY:</b>		
(1) VERIFY THAT FOR ANY CLASS OF ATCRBS TRANSPONDER, THE RECEIVER MINIMUM TRIGGERING LEVEL (MTL) OF THE SYSTEMS IS -73+4 dbm. <u>-73.8</u>	X	
(2) VERIFY THAT FOR ANY CLASS OF MODE S TRANSPONDER, THE RECEIVER MTL FOR MODE S FORMAT (P6 TYPE) INTERROGATION IS -74+3 dbm. _____	N/A	
(3) VERIFY THAT THE DIFFERENCE IN MODE 3/A AND MODE C RECEIVER SENSITIVITY DOESN'T EXCEED 1 dB FOR EITHER CLASS OF ATCRBS OR MODE S TRANSPONDERS.	N/A	

INSPECTOR'S SIGNATURE: Mark Hite DATE: 10-18-16 WO#: 93960

<b>(U) RADIO FREQUENCY (RF) PEAK OUTPUT POWER:</b>		
(1) CLASS 1A & 2A ATCRBS TRANSPONDERS. RF PEAK OUTPUT POWER IS 125 WATTS MIN/500 WATTS MAX. RECORD OUTPUT: <u>200w</u> (BENCH) _____ AIRCRAFT.	X	
(2) CLASS 1B & 2B ATCRBS TRANSPONDERS. RF PEAK OUTPUT POWER IS 70 WATTS MIN/500 WATTS MAX. RECORD OUTPUT: _____ (BENCH) _____ AIRCRAFT.	N/A	
(3) CLASS 1B, 2B, & 3B MODE S TRANSPONDERS. RF PEAK OUTPUT IS POWER IS 70 WATTS MIN./500 WATTS MAX. RECORD OUTPUT: _____ (BENCH) _____ AIRCRAFT.	N/A	
<b>NOTE: THE TEST IN (E) THROUGH (J) APPLY ONLY TO MODE S TRANSPONDERS</b>		
<b>(E) MODE S DIVERSITY TRANSMISSION CHANNEL ISOLATE:</b>		
(1) VERIFY THAT RF PEAK OUTPUT POWER TRANSMITTED FROM SELECTED ANTENNA EXCEED THE POWER FROM NONSELECTED ANTENNA BY AT LEAST 20 dB.	N/A	
<b>(F) MODE S ADDRESS:</b>		
(1) VERIFY THAT TRANSPONDER REPLIES ONLY TO ITS ASSIGNED ADDRESS. USE CORRECT ADDRESS AND TWO INCORRECT ADDRESSES. INTERROGATION SHOULD BE AT 50 INTERROGATIONS PER SECOND.	N/A	
<b>(G) MODE S FORMATS:</b>		
(1) INTERROGATE WITH UPLINK FORMATS (UF) FOR WHICH ITS EQUIPPED. VERIFY THAT THE REPLIES ARE MADE IN CORRECT FORMAT. USE SURVEILLANCE UF-4 AND 5.	N/A	
(2) VERIFY THAT ALTITUDE REPORTED IN THE UF-4 IS THE SAME IN A VALID ATCRBS MODE C REPLY.	N/A	
(3) VERIFY THAT THE IDENTITY REPORTED IN THE UF-5 IS THE SAME AS IN A VALID ATCRBS MODE 3/A REPLY.	N/A	
(4) IF EQUIPPED, USE THE COMMUNICATIONS FORMATS UF-20, 21 AND 24.	N/A	
<b>(H) MODE S ALL-CALL INTERROGATIONS:</b>		
(1) INTERROGATE THE MODE S WITH THE MODE S-ONLY ALL- CALL UF-11, AND THE ATCRBS/MODE S ALL-CALL FORMATS (1.6 MICROSECOND P4 PULSE) AND VERIFY THAT THE CORRECT ADDRESS & CAPABILITY ARE REPORTED IN THE REPLIES DF-11.	N/A	
<b>(I) ATCRBS - ONLY ALL - CALL INTERROGATION:</b>		
(1) INTERROGATE MODE S WITH ATCRBS - ONLY ALL - CALL INTERROGATION (0.8 MICROSECOND P4 PULSE). VERIFY THAT NO REPLY IS GENERATED.	N/A	
<b>(J) SQUITTER:</b>		
(1) VERIFY THAT MODE S GENERATES A CORRECT SQUITTER APPROXIMATELY ONCE PER SECOND.	N/A	

Octob

9400 E. 34th Street N.  
Wichita, KS 67226  
USA

AVIONICS

# Final Work Order

FAA CRS OL2R061L

Page 1 of 1

NOMENCLATURE Altimeter	SERIAL NUMBER 453903	LOCATION	RMA NUMBER	AR NUMBER
		MANUFACTURERS PART NUMBER 5934D-3A.249G	MODEL NUMBER 5934D-3	QUANTITY 1
MANUFACTURER United Instruments	CUSTOMER ITEM NUMBER	SERVICE PERIOD		
CUSTOMER	CUSTOMER PO NUMBER	CHARGES		

### REASON FOR REMOVAL:

### PRELIMINARY INSPECTION:

- |  |  |  |  |
|--|--|--|--|
| <input checked="" type="checkbox"/> SEALS BROKEN | <input type="checkbox"/> COVER DAMAGED   | <input type="checkbox"/> NAMEPLATE DAMAGED | <input type="checkbox"/> CONNECTOR DAMAGED                 |
| <input type="checkbox"/> GLASS BROKEN            | <input type="checkbox"/> DIAL DISCOLORED | <input type="checkbox"/> AIR PORTS DAMAGED | <input type="checkbox"/> HIDDEN DAMAGE INSPECTION REQUIRED |

PREVIOUS SERVICE BULLETINS: N/A

### FINDINGS:

PRELIMINARY INSPECTOR: Tracie L Paschall

DATE: October 14, 2016

### FAILURE ANALYSIS:

### DESCRIBE IN DETAIL:

STICKY AND OUT OF CALIBRATION IN LOW LEVEL.

### WORK & INSTRUCTIONS:

### SPECIAL INSTRUCTIONS:

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> NEW             | <input checked="" type="checkbox"/> OVERHAUL | <input type="checkbox"/> MODIFIED          |
| <input type="checkbox"/> WARRANTY REPAIR | <input type="checkbox"/> REPAIR              | <input type="checkbox"/> WARRANTY OVERHAUL |
| <input type="checkbox"/> FUNCTIONAL TEST | <input type="checkbox"/> RETURN AS IS        |  |

INPUT:

PANEL TILT:

LIGHTING:

### WORK ACCOMPLISHED:

DISASSEMBLED, CLEANED, INSPECTED, REPAIRED AS NECESSARY USING PARTS LISTED. REASSEMBLED AND FUNCTIONALLY TESTED TO MFG SPECIFICATIONS. UNIT IS OVERHAULED AND CERTIFIED TO 14 CFR PARTS 91.411 & 43, APPENDIX E.

REF. MANUAL # TM-5934 / REV. 4 / 1 Mar 2010

OUTGOING SERVICE BULLETINS: N/A

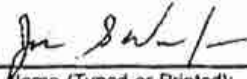
TECHNICIAN:	Diep Ngoc Tran	DATE:	October 18, 2016
SHOP INSPECTOR:	Tracie L Paschall	DATE:	October 18, 2016
FINAL INSPECTOR:	Nicholas Ryan Howe 	DATE:	October 18, 2016

### PARTS USED:

PART NUMBER  
1114-309401

PART DESCRIPTION  
O-Ring (See Notes)

QUANTITY  
1

1. Approving Civil Aviation Authority / Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>4680386</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>				5. Work Order/Contract/Invoice Number: <b>1477299</b>		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
10	LAMP	34-0428070-54	2	N/A	NEW	
12. Remarks: <b>AIRWORTHINESS APPROVAL - PARTS ONLY. THIS IS NOT AN EXPORT APPROVAL.</b>  <b>107 18474</b>						
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.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in block 12 <b>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.</b>			
13b. Authorized Signature: 		13c. Approval/Authorization No.: <b>ODA-00129-CE</b>	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): <b>JOHN S. WALTON</b>		13e. Date (dd/mmm/yyyy): <b>31/JUL/2015</b>	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	
<b>User / Installer Responsibilities</b>						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						



4680386  
QTY: 2  
U/M: EA



# MidContinent™

INSTRUMENTS+AVIONICS

9400 E. 34th St. N.  
Wichita, KS 67226

16320 Stagg Street  
Van Nuys, CA 91406

## Altimeter Scale Correction Card

Altimeter P/N: 5934D-3A.249G

Serial Number: 453903

REFERENCE ALTITUDE IN FT	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-1,020	18,000	17,980
0	-15	20,000	19,990
500	500		
1,000	1,000		
1,500	1,500		
2,000	2,000		
3,000	3,005		
4,000	3,995		
5,000	4,990		
6,000	5,980		
8,000	7,965		
10,000	9,955		
12,000	11,960		
14,000	13,960		
15,000	14,960		
16,000	15,975		

Tested By: DP884

Date: 10/18/2016

I certify that transponder Make Garmin  
Model GTX327 S/N 83719376  
and system has been tested and inspected and found to comply with  
the requirements of FAR 91.413

W.O. # 93960 Date 10-17-16  
Approved By: Mark Hite

For: EAGLE AVIATION, INC.  
2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT  
WEST COLUMBIA, SOUTH CAROLINA 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D

**ALTIMETER**

Installed Altimeter (s) Make United Mod 59340-3 S/N (s) 453903  
certified to meet Para (A) and (B) App E Far 43  
By Mid-Continent 0622061 Under Work Order No: 000292158  
(Repair Station) (RS No.)

Altimeter tested to 20000 feet on (Date) 10-18-16  
Performed Static System test and inspection required by FAR Part  
91.411 as per Para (A) App E FAR 43  
Date 10-20-16 Auth. Sign. Mark Hite  
Altitude Reporting System tested to N/A ft.  
per Para (C) App E FAR 43

EAGLE AVIATION, INCORPORATED 2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D WO # 93960

I certify that the altimeter and static system tests and inspection  
required by FAR 91.411 have been performed. The altimeter(s) per  
Para (A) and (B) App E FAR 43

LH Make Avidyne Model Entegra  
S/N 22629493 has been tested to 30000 feet.  
RH Make \_\_\_\_\_ Model \_\_\_\_\_  
S/N \_\_\_\_\_ has been tested to \_\_\_\_\_ feet.

Altitude Reporting System tested to 17500 ft.  
per Para (C) App E FAR 43  
Date 10-20-16 Auth. Sign. Mark Hite

EAGLE AVIATION, INCORPORATED 2861 AVIATION WAY  
COLUMBIA METROPOLITAN AIRPORT, WEST COLUMBIA, SC 29169  
FAA APPROVED REPAIR STATION NO. FEHR859D WO # 93960

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ALTIMETER & SYSTEMS  
F.A.R. 91.411

AIRFRAME ENTRY

PERFORMED BY:  
CERT. NO.

DATE

"N" #:  
N395LM

Make:  
CIRRUS

Model:  
SR22

Serial #:  
1395

Total Time:  
1487.6

Date:  
11/22/2016

Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. PILOTS PTT SWITCH STICKY - OPS CHECKED AND UNABLE TO VERIFY FAULT. CLEANED PTT SWITCH BUTTON AREA WITH CONTACT CLEANER. GORUND CHECKED GOOD IAW APPLICABLE SECTION OF THE CIRURS SR22 MM CHAPTER 23-50.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*  
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94032.



SIGNED BY: *Wen Wang* FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D


## RADIO & ELECTRONIC CHECKS

ED BY:  
— CERT. NO.

DATE

AIRFRAME ENTRY

"N" #:	Make:	Model:	Serial #:	Total Time:	Date:
N395LM	CIRRUS	SR22	1395	1544.0	01/06/2017

Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. AIRCRAFT OPS CHECKED AND FOUND HEADSETS WERE CONNECTED TO THE PASSENGER JACKS. CONNECTED CORRECTLY TO THE COPILOT JACKS. AIRCRAFT GROUND CHECKED GOOD IAW CIRRUS SR22 GMS SUPPLEMENT P/N 13772-101 REV 2.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94114.



SIGNED BY: Wm Woy FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D

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# RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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AIRFRAME ENTRY

**"N" #:** N395LM     
 **Make:** CIRRUS     
 **Model:** SR22     
 **Serial #:** 1395     
 **Total Time:** 1611.5     
 **Date:** 02/01/2017

**Description**

1. **COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).**
2. **REMOVED AND REPLACED RIGHT HAND RECOGNITION LAMP WITH NEW P/N 34-0482070-64 IAW SR22 MM APPLICABLE SECTUION OF CH 33-40. OPS CHECK GOOD.**
3. **ADJUSTED PILOT DOOR LOWER LATCH RECEIVER PIN IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 52-10. OPS CHECK GOOD.**

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94158.



SIGNED BY: *Wm Woy* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D

## RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
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AIRFRAME ENTRY

"N" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Total Time: 1672.7	Date: 02/24/2017
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Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145 211(c)(ii).
2. REPLACE COPILOT SUNVISOR - REMOVED AND REPLACED COPILOT SUN VISOR WITH NEW P/N 15050-102 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-10.
3. RT WHEEL PANT BOLT MISSING - INSTALLED NEW BOLT P/N AN4-4A IN RT HAND WHEEL PANT IAW CIRRUS SR22 MM APPLICABLE SECTUON OF CH 32-10.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94216.



SIGNED BY: *Ann Woy* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D



012-9005

### RADIO & ELECTRONIC CHECKS

#### AIRFRAME ENTRY

HECK  
TURE

<b>"N" #:</b> N395LM	<b>Make:</b> CIRRUS	<b>Model:</b> SR22	<b>Serial #:</b> 1395	<b>Total Time:</b> 1839.0	<b>Date:</b> 05/04/2017
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**Description**

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. #2 ALTERNATOR ANNUNCIATOR IN FLIGHT - REMOVED #2 ALTERNATOR P/N BC410-1 S/N: 0742881 AND INSTALLED OVERHAULED UNIT P/N BC410-1, S/N: 0164310. REMOVED AND REPLACED #2 FIELD CONNECTOR P/N 410-225-9. GORUND RUN, OPERATIONAL CHECKS GOOD. WORK DONE IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 24-30.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

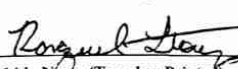
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94345.



SIGNED BY: *Wm Woy* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D


# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country: FAA/United States				3. Form Tracking Number: 171041	
4. Organization Name and Address: B&C SPECIALTY PRODUCTS, INC. 123 EAST 4 <sup>th</sup> STREET NEWTON, KS 67114-0894		ZG9R933X		5. Work Order/Contract/Invoice Number: 032217-4310	
6. Item: <b>1</b>	7. Description: <b>Alternator</b>	8. Part Number: <b>BC410-1</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>0164310</b>	11. Status/Work: <b>Overhauled</b>
12. Remarks: Item 1: Overhauled in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator. A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the work order/contract/invoice number indicated in block 5.					
13a. Certifies the items identified above were manufactured in conformity with: <input type="checkbox"/> approved design data and are in a condition for safe operation. <input type="checkbox"/> non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: ZG9R933X	
				14d. Name (Typed or Printed): Raquel Florez	
				14e. Date (dd/mm/yyyy): 30 MAR 2017	
<b>User/Installer Responsibilities</b>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>					

# RADIO & ELECTRONIC CHECKS

DATE

AIRFRAME ENTRY

"N" #:  
N395LM

Make:  
CIRRUS

Model:  
SR22

Serial #:  
1395

Total Time:  
1839.0

Date:  
05/05/2017

BY:  
CERT. NO.

### Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. REPLACE RIGHT MAIN TIRE - REMOVED RIGHT MAIN TIRE P/N 156E66-4 S/N: 41892496 AND INSTALLED NEW TIRE P/N 156E66-4 S/N: 42862152. SERVICED TO PROPER OPERATING PRESSURE. WORK PERFORMED IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-41.
3. LEFT AND RIGHT BRAKE LININGS WORN - REMOVED AND REPLACED LEFT AND RIGHT HAND BRAKE LININGS WITH NEW P/N 066-10500 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-42.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94345.



SIGNED BY: *Wm Woy* FOR  
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
FAA APPROVED REPAIR STATION NO. FEHR859D






## RADIO & ELECTRONIC CHECKS

N395LM  
Cirrus SR22  
SN: 1395  
Meter Time: 1893.8  
06/06/2017



Complied with Garmin Aviation Service Bulletin NO.: 1655 Rev A. Updated GTN650(s) Main Software version to 6.21, touch software version to 2.01, and WAAS software version to 5.02.

Joseph Benevides

A&P3707591


1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 30924-0	
4. Organization Name and Address: Teledyne Battery Products 840 West Brockton Avenue Redlands, CA USA 92374					PMA Number: PQ1006NM	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Aircraft Battery	G-243	128	N/A	NEW	
2	Aircraft Battery	G-6381E	50	N/A	NEW	

12. Remarks: AIRWORTHINESS APPROVAL - This is the certification statement for the products listed on the attached Serial Number Log Document dated 27/Dec/2016, containing 1 page(s) with form tracking number 30924-0 on each page.


13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.		14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 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.	
13b. Authorized Signature: 	13c. Approval/Authorization No.: 739608531	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): James Ellison	13e. Date (dd/mmm/yyyy): 27/Dec/2016	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

 **Teledyne Battery Products**  
 840 W. Brockton Ave.  
 Redlands, CA 92374

Serial Number Log

Date: 12/27/2016  
 Page 1 of 1

Signature: 

Printed Name: James Ellison

B130-3 System Tracking No: 30924-0

FAA Designation Number: 739608531

Model	Qty	Serial Number(s)								
<u>G-243</u>	128	G02947973	G02947974	G02947975	G02947976	G02947977	G02947978	G02947979	G02947980	G02947981
		G02947982	G02947983	G02947984	G02947985	G02947986	G02947987	G02947988	G02947989	G02947990
		G02948004	G02948006	G02948007	G02948008	G02948009	G02948010	G02948011	G02948012	G02948013
		G02948015	G02948016	G02948017	G02948018	G02948019	G02948020	G02948037	G02948038	G02948039
		G02948041	G02948042	G02948043	G02948044	G02948045	G02948046	G02948047	G02948048	G02948049
		G02948051	G02948052	G02948053	G02948054	G02948055	G02948056	G02948057	G02948058	G02948059
		G02948061	G02948062	G02948063	G02948064	G02948065	G02948066	G02948067	G02948068	G02948069
		G02948071	G02948072	G02948073	G02948074	G02948075	G02948076	G02948077	G02948078	G02948079
		G02948081	G02948082	G02948083	G02948084	G02948085	G02948086	G02948087	G02948088	G02948089
		G02948091	G02948092	G02948093	G02948094	G02948095	G02948096	G02948097	G02948098	G02948099
		G02948101	G02948102	G02948103	G02948104	G02948105	G02948106	G02948107	G02948108	G02948109
		G02948111	G02948112	G02948113	G02948114	G02948115	G02948116	G02949999	G02950000	G02950001
		G02950003	G02950004	G02950005	G02950006	G02950007	G02950008	G02950009	G02950010	G02950011
<u>G-6381E</u>	50	G02942406	G02942454	G02942455	G02942457	G02942458	G02942459	G02942496	G02942499	G02942500
		G02942502	G02942503	G02942504	G02942506	G02942507	G02947826	G02947827	G02947828	G02947829
		G02947831	G02947832	G02947833	G02947834	G02947835	G02947836	G02947837	G02947838	G02947839
		G02947841	G02947842	G02947843	G02947844	G02947845	G02947846	G02947847	G02947848	G02947849
		G02947851	G02947852	G02947853	G02947854	G02947855	G02947856	G02947857	G02947858	G02947859
		G02947861								

Total: 178

BPS0050

DEC 23 2016

DATE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Bill of Lading.

SHIP From: Contract # 78604 TELEDYNE BATTERY PRODUCTS / 810 W. BROCKTON AVE. / REDLANDS, CA 92374 / 909-793-3137

the property described below, in apparent good order, except as noted (contents and conditions of packages unknown), marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout the contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route; otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill set forth (1) in Official, Southern, Western and Illinois Freight Classification in effect on the date hereof; if this is a rail-water shipment, or (2) in the applicable motor carrier, classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment and the said terms and conditions are thereby agreed to by the shipper and accepted for himself and his assigns.

Customer Order  
45481159

Via  
XPO

**PREPAID**

CONSIGNEE AVIALL  
2750 REGENT BLVD.

ROUTE 800-284-2551  
DFW AIRPORT, TX 75261-9048

"These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations."

Subject to Section 7 of conditions of application bill of lading, if this shipment is to be delivered to the consignee, the consignee shall sign the following statement:

(Signature of Consignee)

Rec'd \$ \_\_\_\_\_  
to apply in prepayment of charges on the property described hereon.

Agent or Cashier  
Per \_\_\_\_\_  
(The signature here acknowledges only the amount prepaid.)  
Charges advanced:  
\$ \_\_\_\_\_

8130 TAGS REQUIRED

ORDERED	SHIPPED	BACK ORDERED	ITEM NUMBER	DESCRIPTION	WEIGHT/LBS
50	50	0	BP-20200	BATTERY,G6381E,RIBBED,DRY	65.7
60	0	60	BP-22100	BATTERY,7638-44,RIBBED,LT,NONSPILLABLE	91.0
128	128	0	BP-20012	BATTERY,G243,DRY	23.0

ITEM G243=2N



BATCH 7364449381



MSWEET  
01/09/17

PALLETS	NO. OF PACKAGES	DESCRIPTION, SPECIAL MARKS AND EXCEPTIONS	WEIGHT/LBS SUB. TO CORR.	CHECK COL.
		UN2794, BATTERIES, WET, FILLED WITH ACID, 8		
		UN2796, BATTERIES FLUID, ACID, 8, II		
		UN2796, BATTERY FLUID, ACID, 8, II, "LTD QTY"		
		CONSUMER COMMODITY - ORM-D		
		BATTERY, NON-SPILLABLE		
	178	BATTERIES, ELECTRONIC STORAGE DRY	6229	
		ACCESSORIES		
		PALLET WEIGHT	201	
		TOTAL WEIGHT	6430	

EMERGENCY RESPONSE  
PHONE NUMBER  
INFO TRAC # 78604  
800-535-5053 OR  
352-323-3500 24/HR

The fibre boxes used for this shipment conform the specifications set forth in the box maker's certificate thereon, and all other requirements of Rule 41 of the Consolidation Freight Classification.

This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Placard Offered / Received

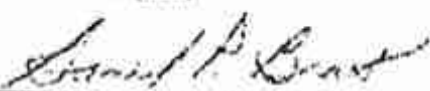
TELEDYNE BATTERY PRODUCTS  
Per \_\_\_\_\_

Carrier \_\_\_\_\_ Agent

Per \_\_\_\_\_

(This Bill of Lading is to be signed by the shipper of the carrier issuing same.)

X \_\_\_\_\_  
This load was properly secured when exiting shippers facility.

1. Approving Civil Aviation Authority Country: <b>PAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Case Tracking Number <b>4446348</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>				5. Work Order Contract Invoice Number: <b>1421887</b>		
6. Item <b>52</b>	7. Description: <b>TIRE 15X6.00X6 6PLY FLCIII TT</b>	8. Part Number: <b>156E66-4</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>41912403</b>	11. Status Work: <b>New</b>	
12. Remarks: <b>AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL.</b>						
<b>PO#: 15492</b>						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approval design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 12			13b. <input checked="" type="checkbox"/> CFR 43.9 Return to Service <input type="checkbox"/> Other regulations specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 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.			
13c. Authorized Signature: 		13d. Approval Authorization No. <b>ODA-100129-CE</b>		13e. Authorized Signature	13f. Approval Certificate No.	
13g. Name (Typed or Printed) <b>DANIEL P. BEAT</b>		13h. Date (dd/mm/yyyy) <b>17/Dec/2014</b>		13i. Name (Typed or Printed)	13j. Date (dd/mm/yyyy)	
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document does not substantially constitute authority to install the aircraft engine/propeller article.</p> <p>When 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) articles from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 13c and 13d 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.</p>						
FAA Form 8130-3 (02-14)						

# RADIO & ELECTRONIC CHECKS

DATE

IT. NO.

AIRFRAME ENTRY

"N" #: N395LM	Make: CIRRUS	Model: SR22	Serial #: 1395	Total Time: 1996.1	Date: 07/26/2017
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Description

1. COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211(c)(ii).
2. INSPECT LEFT MAIN TIRE - INSPECTED LEFT MAIN TIRE AND FOUND WORN CLOSE TO LIMITS. REMOVED TIRE P/N 156E66-4, S/N 41912147. INSTALLED NEW TIRE P/N 156E66-4, S/N 41912403. SERVICED TO PROPER OPERATING PRESSURE. WORK DONE IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 32-40-00.
3. PASSENGER SUNVISOR MISSING HARDWARE - INSTALLED NEW SUNVISOR KNOB KIT P/N 99-701 IAW CIRRUS SR22 MM APPLICABLE SECTION OF CH 25-10.
4. REPLACE MAIN BATTERY - REMOVED MAIN BATTERY P/N G-243 S/N G02869578. SERVICED, CHARGED AND INSTALLED NEW BATTERY P/N G-243, G02948004. OPERATIONAL CHECKS GOOD. WORK PERFORMED IAW CIRRUS SR22 MM, APPLICABLE SECTION OF CH 24-30.

\*\*\*\*\*MAINTENANCE RELEASE\*\*\*\*\*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NO. 94494.



SIGNED BY: *[Signature]* FOR  
 EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170  
 FAA APPROVED REPAIR STATION NO. FEHR859D
