

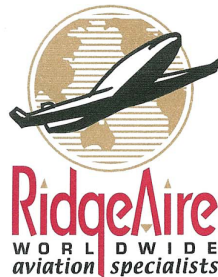
N317DE

2001 Cirrus SR22

FAA Form

337s

MSN: 0057



Prepared by the worldwide aviation specialists at RidgeAire, Inc.



U.S. Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
For FAA Use Only	

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark N317DE	Serial No. 0057	
	Make Cirrus	Model SR22	Series
2. Owner	Name (As shown on registration certificate) COOK HENRY W	Address (As shown on registration certificate)	
		Address 6502 SUNSET TRL City FLOWER MOUND State TX Zip 75022-5531 Country USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT	CONTINENTAL	IO-550N	685780
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	WESLEY C. PEARCE	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	Manufacturer
Address	4700 SPARTAN DR		Foreign Certificated Mechanic
City	DENTON State TX	Certificated Repair Station	2729740
Zip	76207 Country USA	Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Wesley Pearce</i>	11/18/2011
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. 2729740		Signature/Date of Authorized Individual <i>Wesley Pearce</i> 11/18/2011		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N317DE

Nationality and Registration Mark

11/18/2011

Date

INSTALLED AIRWOLF AIRSEP STC SA02268CH, IAW MANUFACTURES INSTRUCTIONS OPTION EB OF DRWING AFC-W360 REV. C DATED 08/28/06.

Additional Sheets Are Attached



U.S. Department of
Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification
DPA-FSL

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make Cirrus	Model SR22
	Serial No. 0057	Nationality and Registration Mark N 317DE
2. Owner	Name (As shown on registration certificate) James H. DeVries	Address (As shown on registration certificate) 467 Willow Road Winnetka, IL 60093-4140

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- <i>(As described in item 1 above)</i> -----			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer			<input type="checkbox"/>	<input type="checkbox"/>

6. Conformity Statement

A. Agency's Name and Address J.A. Air Center DuPage Airport West Chicago, IL 60185	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. NF2R029L Rating: Radio Class 1,2,3
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 14 February 2007	Signature of Authorized Individual Steven J. Carton
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is **APPROVED** **REJECTED**

BY	<input type="checkbox"/> FAA Fit Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 21 February 2007	Certificate or Designation No. NF2R029R	Signature of Authorized Individual Steven J. Carton
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cirrus SR22

N 317DE

14 February 2007

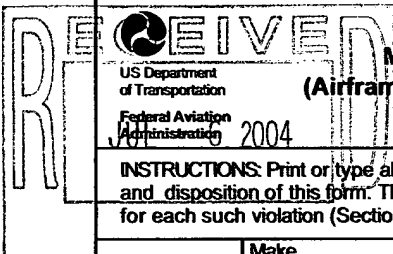
Removed two (2) Garmin GNS-430 GPS/Nav/Comm/GS/Maps and two (2) Garmin GA-56 Antennas.

Installed two (2) Garmin GNS-430W GPS/WAAS units in accordance with Garmin 400W Series Installation Manual #190-00356-02 Revision B dated December 2006, in accordance with STC #SA01933LA.

Weight & Balance and Equipment List have been updated.

_____ end _____

Additional Sheets Are Attached



MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification
MB GL-13

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make Cirrus	Model SR22
	Serial No. 0057	Nationality and Registration Mark USA N317DE
2. Owner	Name (As shown on registration certificate) DeVries James H	Address (As shown on registration certificate) 467 Willow Rd Winnetka IL 60093-4140

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Edward L. Pinkham c/o Door County Aviation, LLC 3538 Park Dr Sturgeon Bay, WI 54235	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. A&P 2197698
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 23 June 2004	Signature of Authorized Individual <i>Edward L. Pinkham</i>
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Ft. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 23 June 2004		Certificate or Designation No. A&P21976981A	Signature of Authorized Individual <i>Edward L. Pinkham</i>	

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

1. Installed Rosen Sun Visors P/N R1740000 in accordance with STC# SA01285SE, Rosen Sun Visor Systems, LLC Master Drawing List No. 1740000-DL dated August 13, 2003. Installation accomplished using Rosen Installation and Continued Airworthiness Instructions Document 9050-0174-00, Revision A, dated August 5, 2003, or later and AC43.13-1B.

*****end*****

Additional Sheets Are Attached



MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

GL03

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

BR

1. Aircraft	Make Cirrus	Model SR22
	Serial No. 0057	Nationality and Registration Mark N 317DE
2. Owner	Name (As shown on registration certificate) James H. Devries	Address (As shown on registration certificate) 467 Willow Road Winnetka, IL 60093-4140

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.

Nov. 6, 2001 Robert Seena
Date FAA Inspector, DPA-PSU

4. Unit Identification

Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	(As described in item 1 above)			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer			<input type="checkbox"/>	<input type="checkbox"/>

6. Conformity Statement

A. Agency's Name and Address J.A. Air Center DuPage Airport West Chicago, IL 60185	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. NF2R029L Rating: Airframe Class 1 & 3
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 06 November 2001	Signature of Authorized Individual Charles D. Walling
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	<input type="checkbox"/> FAA Fit Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 07 November 2001	Certificate or Designation No. NF2R029L	Signature of Authorized Individual Leonel C. Fritz
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cirrus SR22
N 317DE

Installed Arnay EMM-35 Engine Monitoring Module to provide supplement engine parameter monitoring through the existing Arnay ICDS Display System (Cirrus factory installed). This installation was previously approved via STC #SA02165AK in Cessna models 208 and 180. This installation was previously approved via Form 337 dated 04/16/2001 in Cirrus Model SR20, N365DP. All work has been done in accordance with Arnay Systems, Inc. Cirrus SR20 & SR22 Series Installation Manual Part Number 570-1210 Revision D dated October 2, 2001.

This EMM-35 engine trend monitoring system consists of an EMM-35 processor P/N 453-5030, six (6) EGT probes P/N 116-5450-01, six (6) CHT probes P/N 116-5460 and one (1) Outside Air Temperature Sensor P/N 116-5030.

This system has been ground tested and functions properly. There were no adverse effects with any of the other aircraft systems.

No additional maintenance is required beyond the requirements of 14 CFR, Part 91, Subpart E ("Maintenance, Preventive Maintenance And Alterations"): This equipment is to be maintained on an "on condition" basis. Except for visual inspection of the EGT/CHT probes during the aircraft annual inspection, no periodic maintenance of this system is required. See attached checklist for Continued Airworthiness.

This installation meets the requirements of Title 14 CFR Part 23.1301 function and installation, Part 23.1309 equipment, systems and installations, Part 23.1351 (a) and (b) electrical equipment general, Part 23.1357 circuit protection devices, Part 23.1365 electrical cables, Part 23.1381 instrument lights, Part 23.1431 (a) and (b) electronic equipment, and Part 23.1529 instructions for continued airworthiness.

All work has been done in accordance with AC43.13-1B Chapters 10, 11, 12, 13 and AC43.13-2A Chapters 2,3.

Weight & Balance and Equipment List have been updated.

_____ end _____

Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

9. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cirrus SR22
N 317DE
06 November 2001

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS CHECKLIST

1. INTRODUCTION: See block #4 of Form 337.
2. DESCRIPTION: See block #8 of Form 337.
3. CONTROL/OPERATION INFORMATION: Operating Manual has been included in aircraft paperwork.
4. SERVICING INFORMATION: Not applicable.
5. MAINTENANCE INSTRUCTIONS: Not applicable.
6. TROUBLESHOOTING INFORMATION: Not applicable.
7. REMOVAL AND REPLACEMENT INFORMATION: Weight & Balance was calculated. Equipment List was updated.
8. DIAGRAMS: Not applicable.
9. SPECIAL INSPECTION REQUIREMENTS: Not applicable.
10. APPLICATION OF PROTECTIVE TREATMENTS: Not applicable.
11. DATA (STRUCTURAL FASTENERS, INSTALLATION REQUIREMENTS): Not applicable.
12. LIST OF SPECIAL TOOLS: Not applicable.
13. COMMUTER CATEGORY AIRCRAFT: Not applicable.
14. RECOMMENDED OVERHAUL PERIODS: Not applicable.
15. AIRWORTHINESS LIMITATION SECTION: No additional airworthiness limitations.
16. REVISION: Should a revision of this ICA become necessary, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA.

Additional Sheets Are Attached



MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

GL030115

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act 1958)

1. Aircraft	Make Cirrus	Model SR22
	Serial No. 0057	Nationality and Registration Mark N 317DE
2. Owner	Name (As shown on registration certificate) James H. Devries	
	Address (As shown on registration certificate) 467 Willow Road Winnetka, IL 60093-4140	

3. For FAA Use Only

The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43.7.

NOV 06 2001

Date **FAA Inspector, DPA-F300**

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in item 1 above) -----			<input type="checkbox"/>	<input checked="" type="checkbox"/>
POWERPLANT				<input type="checkbox"/>	<input type="checkbox"/>
PROPELLER				<input type="checkbox"/>	<input type="checkbox"/>
APPLIANCE	Type			<input type="checkbox"/>	<input type="checkbox"/>
	Manufacturer			<input type="checkbox"/>	<input type="checkbox"/>

6. Conformity Statement

A. Agency's Name and Address J.A. Air Center DuPage Airport West Chicago, IL 60185	B. Kind of Agency <input type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input checked="" type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. NF2R029L Rating: Radio Class 1,2,3
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 06 November 2001	Signature of Authorized Individual Charles D. Walling
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	<input type="checkbox"/> FAA Fit Standards Inspector	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Inspection Authorization	Other (Specify)
	<input type="checkbox"/> FAA Designee	<input checked="" type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection 07 November 2001	Certificate or Designation No. NF2R029L	Signature of Authorized Individual Charles D. Walling
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cirrus SR22
N 317DE

Installed BF Goodrich SkyWatch Traffic Advisory System (TAS) in accordance with Installation Manual P/N 009-10800-001 Revision B dated 12 May 2000, and also in accordance with original installation done per STC #SA00733CH.

The SkyWatch System consists of (1) TRC-497 Transmitter/Receiver Computer mounted below copilot seat and (1) NY-164 Directional Antenna mounted at fuselage station 161.50" aft of datum on the top fuselage.

The SkyWatch System displays traffic information on the existing #1 and #2 Garmin GNS-430 GPS/Nav/Comm/GS/Maps.

SkyWatch heading information is received from the Sandel SN3308 HSI. Connection to an airspeed switch automatically reverts the SkyWatch Transmitter to standby mode when the aircraft is on the ground.

The SkyWatch System is interfaced to ACKA-30 Encoder and also to the aircraft transponder suppression bus. Static System has been checked in accordance with Part 43, Appendix "E" and "F" for compliance with FAR91.217 and FAR91.413 this date.

Garmin GMA-340 Audio/Marker/Intercom has been interfaced to the SkyWatch System using unmuted audio input.

This system has been ground checked and functions properly. A complete operational test was performed and was found to be satisfactory and did not interfere with any navigation or communication equipment on board aircraft.

Required FAA Approved Flight Manual Supplement dated NOV 06 2001 has been included in the aircraft paperwork.

No additional maintenance due beyond the requirements of 14 CFR, Part 91, Subpart E ("Maintenance, Preventive Maintenance And Alterations"). See attached checklist for Continued Airworthiness.

All work has been done in accordance with AC43.13-1B Chapters 11, 12, 13 and AC43.13-2A Chapters 2, 3.

Weight & Balance and Equipment List have been updated.

_____ end _____

Additional Sheets Are Attached

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Cirrus SR22
N 317DE
06 November 2001

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS CHECKLIST

1. INTRODUCTION: See block #4 of Form 337.
2. DESCRIPTION: See block #8 of Form 337.
3. CONTROL/OPERATION INFORMATION: Operating Manual has been included in aircraft paperwork.
4. SERVICING INFORMATION: Not applicable.
5. MAINTENANCE INSTRUCTIONS: Not applicable.
6. TROUBLESHOOTING INFORMATION: Not applicable.
7. REMOVAL AND REPLACEMENT INFORMATION: Weight & Balance was calculated. Equipment List was updated.
8. DIAGRAMS: Not applicable.
9. SPECIAL INSPECTION REQUIREMENTS: Not applicable.
10. APPLICATION OF PROTECTIVE TREATMENTS: Not applicable.
11. DATA (STRUCTURAL FASTENERS, INSTALLATION REQUIREMENTS): Not applicable.
12. LIST OF SPECIAL TOOLS: Not applicable.
13. COMMUTER CATEGORY AIRCRAFT: Not applicable.
14. RECOMMENDED OVERHAUL PERIODS: Not applicable.
15. AIRWORTHINESS LIMITATION SECTION: No additional airworthiness limitations.
16. REVISION: Should a revision of this ICA become necessary, a letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA.

Additional Sheets Are Attached