



US Department of Transportation
Federal Aviation Administration

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

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 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 USA N420SE	Serial No. S/N: 2293	
	Make CIRRUS	Model SR-22	Series
2. Owner	Name (As shown on registration certificate) ELLINGHOUSE CAROL D		
	Address (As shown on registration certificate) Address 18262 COUNTY ROAD 8		
	City Wiggins	State CO	
	Zip 80654	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	<u>CIRRUS</u>	(As described in Item 1 above)	<u>S/N: 2293</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. A&P 3466753
Name Marvin Pitman	Address PO Box 610	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
City McLoud State OK	Zip 74851 Country USA	<input type="checkbox"/> Foreign Certificated Mechanic	<input type="checkbox"/> Certified Repair Station	
		<input type="checkbox"/> 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 Marvin Pitman 7-20-19
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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	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station <input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)

Certificate or Designation No.	Signature/Date of Authorized Individual Marvin Pitman 7-20-19
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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.)

N420SE

7-20-2019

Nationality and Registration Mark

Date

Completed the installation of the GTX 335 Mount, GTX 335 LRU and associated wiring with reference to Garmin GTX 335 Part 23 AML STC Installation Manual #190-00734-10, Revision 12 dated April 2019. Completed configuration and functional checks as required. ADS-B function appears nominal via AV-15 test set. Completed transponder certification as required by 14 CFR 91.413 with no discrepancies. PAPER flight will be ordered to verify ADS-B minimum broadcast message element. Mounted antenna behind glareshield, affixed to the underside of the composite structure. Coaxial cable routed to the GTX 335 unit. Approximately 6.75 ft. of RG-400 Coaxial cable was used and the excess was coiled and secured behind the glareshield with reference to AC 43-13.1B to ensure compliance with minimum cable loss requirements with reference to Garmin GTX 335 Part 23 AML STC Installation Manual #190-00734-10, Revision 12 dated April 2019. Antenna mount rigidity and operation are satisfactory. Visibility to the GPS constellation is nominal.

Additional Sheets Are Attached



Invoice

Work Order: 190517/0001

Date: June 26, 2019
ADSB installation

A & M Aerospace

P.O. Box 610
McLoud, OK 74851
Adam Brandt • Adam@AMaerospace.biz • (409)502-7176
CRS#: 8G8R177D

AIRCRAFT

N420SE

CIRRUS DESIGN CORP SR22 S/N: 2293

BILL TO

CAROL ELLINGHOUSE
3038779775

1. Install Garmin GTX 335 w/ GPS ADSB OUT

Corrective Action:

- 1-1. Configuration Research and Documentation:
Existing Transponder Antenna Meets TSO-C74c as required by 190-00734-10_12_335. - Replacement not required or recommended.
Dual NON-WAAS Garmin GA-56 GPS antenna previously installed supporting dual GNS-430 Navigators. NEW WAAS GA-35 Antenna Required. Circuit Breaker Previously utilized for the GTX 327 is serviceable and will be reused for the GTX335. GA 35 antenna mounted under the glare shield, collocated with existing GPS #1 and GPS #2 GA 56 GPS antennas.
-- labor: 4.9 hrs @ \$95.00
- 1-2. Removed GTX327 transponder and all consequently unutilized wiring and connectors.
-- labor: 1.4 hrs @ \$95.00
- 1-3. Removal of Gilliam Code Wiring to the GTX connector.
Existing blind encoder was utilized by the GTX327 and STec 55x via Gilliam code.
The new GAE12 is unable to supply Gilliam code and the STEC is unable to receive serial altitude data. Accordingly, the ACK encoder will remain installed to facilitate autopilot altitude operations.
GAE12 will be installed to facilitate altitude encoding at 20 ft. increments to the GTX335 ADS-B Transponder. Dual encoder installation is authorized by AC 43-6D. Only the GAE12 will require 24m certification and altitude correction.
-- labor: 1.5 hrs @ \$95.00
- 1-4. Completed the installation of the GTX 335 Mount, GTX 335 LRU and associated wiring with reference to Garmin GTX 335 Part 23 AML STC Installation Manual #190-00734-10, Revision 12 dated April 2019. Completed configuration and functional checks as required. ADS-B function appears nominal via AV-15 test set. Completed transponder certification as required by 14 CFR 91.413 with no discrepancies. PAPER flight will be ordered to verify ADS-B minimum broadcast message element.
-- labor: 6.7 hrs @ \$95.00

Parts Installed:

- 1 x 010-01214-40 GTX335 TRANSPONDER w/ GPS @ \$3,195.00

Miscellaneous:

- Wiring and Connectors @ \$100.00
- Shipping & Handling @ \$150.00

labor: \$1,377.50 • parts: \$3,195.00 • misc: \$250.00 • sub-total: \$4,822.50

2. Install WAAS-GPS Antenna

Corrective Action:

- 2-1. Mounted antenna behind glareshield, affixed to the underside of the composite structure. Coaxial cable routed to the GTX 335 unit. Approximately 6.75 ft. of RG-400 Coaxial cable was used and the excess was coiled and secured behind the glareshield with reference to AC 43-13.1B to ensure compliance with minimum cable loss requirements with reference to Garmin GTX 335 Part 23 AML STC Installation Manual #190-00734-10, Revision 12 dated April 2019. Antenna mount rigidity and operation are satisfactory. Visibility to the GPS constellation is nominal.

-- labor: 8.0 hrs @ \$95.00

Parts Installed:

- 1 x 013-00235-00 GA35 Antenna @ \$0.00

labor: \$760.00 • parts: \$0.00 • misc: \$0.00 • sub-total: \$760.00

3. Install Garmin GAE 12 Altimeter Encoder

Corrective Action:

- 3-1. GAE Mounting and Plumbing installed and tested with reference to Garmin GTX 335 Part 23 AML STC Installation Manual #190-00734-10, Revision 12 dated April 2019.
-- labor: 3.1 hrs @ \$95.00

Parts Installed:

- 1 x 011-03080-00 SUB-ASSY, ALTITUDE ENCODER @ \$0.00

labor: \$294.50 • parts: \$0.00 • misc: \$0.00 • sub-total: \$294.50

4. Complete IFR Recertification.

Corrective Action:

- 4-1. Initial run-up displayed a static system leak in excess of 6,000 ft/min. Found loose poly-flex b-nut on the back side of the pilot's primary flight display and at the "T" fitting secured to the S-tec air/ground determination switch. Secured all connections and finished the IFR certification with no further discrepancies.
-- labor: 3.0 hrs @ \$95.00

labor: \$285.00 • parts: \$0.00 • misc: \$0.00 • sub-total: \$285.00

Miscellaneous

IFR Certification with dual altimeters/ADS-B @ \$450.00

Labor: \$2,717.00
Parts: \$3,195.00
Misc: \$700.00
Sales Tax: \$0.00
Total: \$6,612.00

This invoice is still OPEN. Prices may change or additional parts or labor may be required. Contact Adam Brandt • (409)502-7176 • Adam@AMaerospace.biz.



AeroAntenna Technology, Inc.

AS9100 Certified Company

20732 Lassen Street, Chatsworth, CA 91311

Phone: (818) 993-3842 Fax: (818) 993-4525

CERTIFICATION OF CONFORMANCE

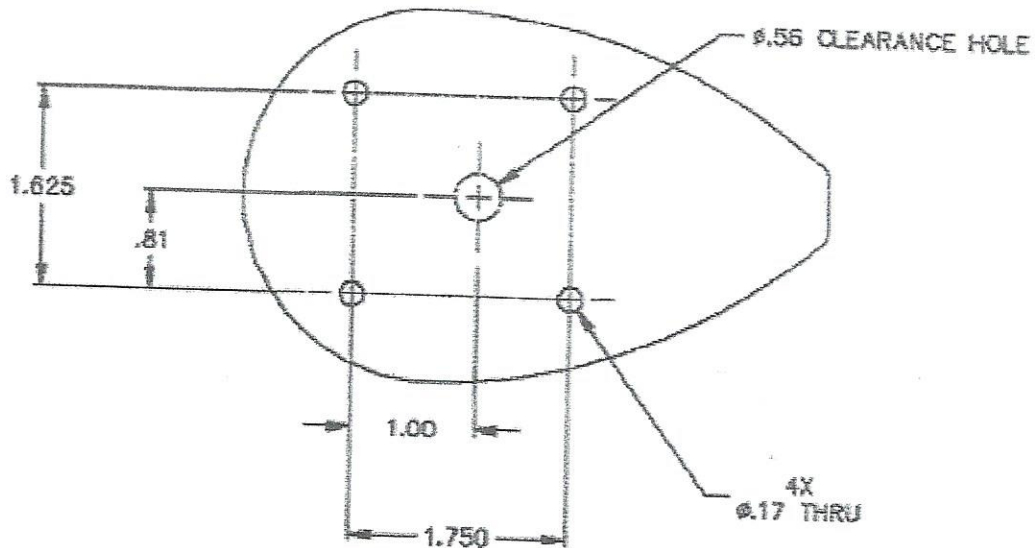
AAT Part Number: AT575-93GW-TNCF-000-RG-27-NM
Customer PO Number: 283493
Customer Part Number: 013-00235-00 GA35
Serial Number: 167887

AeroAntenna Technology, Inc. certifies that the above mentioned antenna was manufactured in accordance with specifications and standard quality assurance practices and procedures, and meets all requirements as stated in the above purchase order as well as shipment and delivery instructions.

Quality Assurance: Benjamin Rubeni Date: 5/16/2019

CERTIFICATION OF CONFORM

NOT TO SCALE. Use an accurate measuring instrument for installation. A calibrated torque wrench must be used during installation. Torque value for mounting screws is 13-15 in-lbs. The 4 supplied mounting screws must be used and no substitutes are allowed. Do not deviate from these installation methods or use alternate screws as damage to the antenna may result.



United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number SA01714WI

This certificate issued to Garmin International, Inc.
200 East 151st Street
Olathe, KS 66062

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified herein meets the airworthiness requirements of Part 23^e of the Federal Aviation Regulations.

Original Product - Type Certificate

Number: * See attached Approved Model List (AML) No. SA01714WI dated May 1, 2013 or later FAA-approved revision for list of approved aircraft models and applicable airworthiness regulations.
Model:
Model:

Description of Type Design Change:

Installation of a Garmin transponders: (a) GTX 330/330D/33/33D with ADS-B Out functionality; (b) GTX 335/335R/345/345R with ADS-B Out and In functionality; or (c) GTX 335R/345R with ADS-B Out functionality in select airplanes installed with G950/G1000 systems.

Data Required:

- (1) Garmin Master Drawing List (MDL) 005-00734-04, Revision 1, dated May 1, 2013 or later FAA-approved revision.
- (2) Garmin Airplane Flight Manual Supplement or Supplemental Airplane Flight Manual (AFMS), 190-00734-15, Revision 1, dated May 1, 2013 or later FAA-approved revision.

Limitations and Conditions:

- (1) Compatibility of this design change with previously approved modifications must be determined by the installer.
- (2) Aircraft installations involving the Garmin transponder GTX 33/33D/330/330D models require the previous installation of an approved ADS-B position source. Refer to the design data specified in the Master Drawing List (MDL) listed above for specific hardware and software requirements.
- (3) Aircraft installations involving the Garmin transponder GTX 335/335R/345/345R models without an optional internal GPS require the previous installation of an approved ADS-B position source. Refer to the design data specified in the Master Drawing List (MDL) listed above for specific hardware and software requirements.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: August 7, 2012

Date received:

Date of issuance: May 1, 2013

Date amended: April 29, 2014, March 8, 2016



By direction of the Administrator

Michael Warren
(Signature)

Michael Warren
ODA STC Unit Administrator
ODA-240087-CE
Garmin International, Inc.

(Title)

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 162033489-2	
4. Organization Name and Address: GARMIN International 1200 E. 151st St. Olathe, KS 66062 Certificate Number PT3742CE				5. Work Order/Contract/Invoice Number: 162033489		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	SUB-ASSY, ALTITUDE ENCODER	011-03080-00	1	3T6011643	New	
12. Remarks: Airworthiness Approval This part is a subcomponent of a TSO article. TSO C112e						
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 43.5 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>Eric G. Austria</i>		13c. Approval/Authorization No.: ODA-240087-CE		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Eric G. Austria		13e. Date (dd/mm/yy): 20/May/2019		14d. Name (Typed or Printed):		14e. Date (dd/mm/yy):
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.						

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 162033489-3	
4. Organization Name and Address: GARMIN International 1200 E. 151st St. Olathe, KS 66062 Certificate Number PQ3742CE				5. Work Order/Contract/Invoice Number: 162033489		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	WAAS Antenna,GA35,White	013-00235-00	1	167887	New	
12. Remarks: Airworthiness Approval This PMA part is not a critical component						
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>Eric G. Austria</i>		13c. Approval/Authorization No.: ODA-240087-CE		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Eric G. Austria		13e. Date (dd/mm/yy): 20/May/2019		14d. Name (Typed or Printed):		14e. Date (dd/mm/yy):
User/Installer Responsibilities						
<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>						

1. Approving Civil Aviation Authority/Country: FAA/United States		2.			AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 163333302-1	
4. Organization Name and Address: GARMIN International 1200 E. 151st St. Olathe, KS 66062 Certificate Number PT3742CE					5. Work Order/Contract/Invoice Number: 163333302			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:		11. Status/Work:		
1	GTX335,GPS,Unit Only	010-01214-40 Includes 011-03300-40	1	3EE424505		New		
12. Remarks: Airworthiness Approval TSO C112e								
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>Steven Cummins</i>		13c. Approval/Authorization No.: ODA-240087-CE		14b. Authorized Signature:		14c. Approval/Certificate No.:		
13d. Name (Typed or Printed): Steven Cummins		13e. Date (dd/mm/yyyy): 18/Jun/2019		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):		
User/Installer Responsibilities								
<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.</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>								



U.S. Department of Transportation Federal Aviation Administration ADS-B Performance Monitor

Public ADS-B Performance Report

Broadcast ICAO: A4FD34 (51176464) **Tail Number:** N420SE **Last Flight Id:** N420SE
Period: 07-13-2019 15:05:08 to 07-13-2019 16:45:25

Operation Analysis Overview

	Analysis
Airborne 1090	<input checked="" type="checkbox"/>
Surface 1090	<input type="checkbox"/>
Surface RWY/Taxi 1090	<input type="checkbox"/>
Airborne UAT	<input type="checkbox"/>
Surface UAT	<input type="checkbox"/>
Surface RWY/Taxi UAT	<input type="checkbox"/>

Prepared By

Surveillance and Broadcast Services (SBS) Program
ADS-B Performance Monitor

July 13, 2019

Note: Items high-lighted in red within this report indicate the ADS-B Out system installed on this aircraft failed to meet the corresponding performance requirement as specified in § 91.227.

For more information on this report, reference the [User's Guide](#).

Operation Summary

Operation Id: 405112095 Start Time: 07-13-2019 15:05:08 End Time: 07-13-2019 16:45:25
Broadcast ICAO: A4FD34 (51176464) Duration: 01:40:17 Mod: 01:40:17 Rule: 01:13:29
Tail Number: N420SE Reports: 23548 Best Msg: 6976 TIS-B Client: 0.0%
Country: United States - Civil Stationary: No Baro Alt (ft): 1075 - 11625

Detection: Airborne Surface

Link Version: 2 Out Capability: 1090 In Capability:
Last Flight Id: N420SE
Operator:

Airborne 1090 Analysis Summary

Start Time: 07-13-2019 15:05:08 **End Time:** 07-13-2019 16:45:25 **Total Reports:** 23548
Duration(s): 01:40:17 **Mod:** 01:40:17 **Rule:** 01:13:29 **Processed Reports:** 6957

Link Version: 2 **Out Capability:** 1090 **In Capability:**
Emitter Category: 1 - Light (<15,500lbs) **Antenna(s):** 1 - Single
Last Flight Id: N420SE

Exceptions:

NIC	NACp	NACv	SIL	SDA
No	No	No	No	No

Missing Elements

Category	NACp	NACv	Vel	Flight Id	Mode 3A	Emit Cat	Baro Alt	Geo Alt
% Fail	0.04%	0.00%	0.06%	0.00%	0.00%	0.00%	0.00%	0.00%
Max dT	00:00:01	00:00:00	00:00:02	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00
MCF	1	0	1	0	0	0	0	0

Integrity & Accuracy

Category	NIC	NACp	NACv	SIL	SDA
% Fail	0.01%	0.00%	0.00%	0.04%	0.04%
Max dT	00:00:00	00:00:00	00:00:00	00:00:01	00:00:01
MCF	1	0	0	1	1

Category	NIC	NACp	NACv	SIL	SDA
Avg	9.0	10.0	2.0	3.0	2.0
Min	0	8	2	0	0
Max	9	10	2	3	2

Kinematics

	Velocity	Position Δ
% Fail	0.00%	0.00%
MCF	0	0

Baro Alt	Baro Alt Δ	Geo Alt	Geo Alt Δ
0.00%	0.00%	0.00%	0.00%
0	0	0	0

Other Checks

	Emitter Cat	Mode 3A
% Fail	0.00%	0.00%
Max dT	00:00:00	00:00:00
MCF	0	0

	Flight ID	Tail # Mismatch	Non-US	No "N"	Only "N"	Partial	Spaces	All Spaces	Illegal Char	Unavail Char	FP ID Mismatch
% Fail	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Max dT	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	
MCF	0	0	0	0	0	0	0	0	0	0	

	Air on Ground
% Fail	0.00%
Max dT	00:00:00
MCF	0

Note: The above FP ID Mismatch field can be disregarded when no flight plan was filed for the associated flight.

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Erie Municipal Airport
395 Airport Drive
Erie, Colorado 80516

N420SE AIRCRAFT STATUS REPORT

MAKE Cirrus MODEL SR22 S/N 2293

Date: JAN 9 2020

~~FLT Hobbs Time:~~ ^{Hobbs time} 1398.8
1240.4 + 12.13 = 1252.53
JAN 2021

Annual Inspection Due:			JAN 2021
50 Hour Oil change and Inspection		FLT METER	1290.4
100 Hour Inspection		FLT METER	1340.4
ELT Battery Due			MAY 2024
Transponder, Altimeter, Encoder, and Static System Certification due every 24 months:			JUNE 2021
Magneto Inspection due every 500 hours:		FLT METER	1645.7
Continental Service Bulletin No. MSB645 (Impulse Coupling) due Left: every 500 hours		FLT METER	1645.7
Alternator # 1 500 hours		FLT METER	1645.7
MCU (Corrosion Inspection) SA06-06 due every Annual or 100 hours:			JAN 2021
	OR	FLT METER	1340.4
Number 2 battery due every 24 months or every 500 hours:			JAN 2022
	OR	FLT METER	1740.4
TKS filter			DEC 2020
	OR	FLT METER	2439.8
CAPS Rocket Motoer due every 10 years:			SEPT 2026
CAPS Parachute due every 10 years:			SEPT 2026
CAPS Reefing Line Cutters due every 6 years:			OCT 2020
EMA Controller AAIR			OCT 2021
Pilot seat inflator assembly	Has 20902-005 10 years		OCT 2028
Co-Pilot seat inflator assembly	Has 20902-005 10 years		OCT 2028
Rudder Aileron interconnect bungee	Every 5 years		JAN 2025
Oxygen Bottle Assembly	REG Overhaul Cylinder retirement		NOV 2023 SEPT 2021
TAT Turbocharger system fluid hoses	EACH 10 Years		AUG 2026
TAT TAILPIPE V-BAND CLAMP REPLACEMENT	EACH 450HRS	FLT METER	1595.7
TAT SB08-02 PRV Y-Duct inspection	EACH 100HRS	FLT METER	1340.4
TAT SB11-03 Support rods alignment	EACH 100HRS	FLT METER	1340.4
TAT SB11-04 Oil supply line screen cleaning	EACH 100HRS	FLT METER	1340.4
TAT SB12-02 ENG FUEL PUMP LEAK CHECK			Each cowl removal
TAT SI11-01 SLIP JOINTS INSPECTION			Each cowl removal
TAT SB09-01 EXHAUST MANIFOLD	EACH 50HRS	FLT METER	1290.4
TAT SI08-01 BREATHER TUBE CLEANING	EACH 50HRS	FLT METER	1290.4
TAT SI08-05 INDUCTION FILTER CLEANING	EACH 100HRS	FLT METER	1340.4
TAT SI08-04 EXHAUST HEAT EXCHANGER	EACH 100HRS	FLT METER	1340.4

LIFT BUTTON FOR OFF POSITION

OFF

8/26/20

+ 12.13 = 1057.43
ACTT

HOBBS

1 3 9 8 3 $\frac{1}{10}$

HOURS

FLIGHT

1 2 4 5 3 $\frac{1}{10}$

HOURS



URBO COMPONENTS, Inc
 545 E. Acequia
 salia, CA 93292
 -800-523-4809
 7-3600 (Local / Intl.)
 -627-2873 (Fax)



Approved Turbo Components

www.approvedturbo.com

CUSTOMER INFORMATION

Invoice Number: 13382

Received Date: 07/13/16

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
 Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
 Address: City: State: Zip:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies Description: Absolute Controller

Part Number: 470688-0005 Alternate Part Number: C165004-0501

Serial Number: JKN00497

Maintenance Requested: Overhaul
 Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev C/ATC/FAA Approved Data

EA09-26

Fittings: N Gaskets: Brackets: Y Confirmed By: Greg Flores

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

O7TR2100

Full details of the maintenance performed on this unit are available upon request

NEED IN 15

WORK ORDER NUMBER

35114

APPROVED TURBO COMPONENTS, Inc

1545 E. Acequia
Visalia, CA 93292
1-800-523-4809

559-627-3600 (Local / Intl.)
559-627-2873 (Fax)
www.approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
Address: State: Zip:
City:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Absolute Controller

Part Number: 470688-0005

Alternate Part Number: C165004-0501

Serial Number: JKN00497

Maintenance Requested: Overhaul
Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev C/ATC/FAA Approved Data

EA09-26

Fittings: /N Gaskets: /N Brackets: /N Confirmed By: Greg Flores

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER
O7TR2100

Full details of the maintenance performed on this unit are available upon request

Operating Civil Aviation
Authority/Country

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

3. Form Tracking Number:

018787

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

Approved Turbo Components, Inc.
1545 E. Acequia
Visalia, CA 93292 USA
USA

FAA Repair Station
No. O7TR2100
(800)523-4809

5. Work Order/Contract/Invoice
Number:

35114

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HET CONTROLLER	470688-0005	1	JKN00497	OVERHAULED

12. Remarks:

OVERHAULED IN ACCORDANCE WITH: Hartzell Engine Techs. Ovhl. Manual P/N 400999-0000 Rev C Rev. Date 04/17/2015
FULL DETAILS HELD ON WORK ORDER NUMBER 35114
ALTERNATE APPROVED PART NUMBER: C165004-0501

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.

14a.

14 CFR 43.9 Return to Service 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:

14c. Approval/Certificate No.:

O7TR2100

13d. Name (typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):

Greg Flores

14e. Date (dd/mmm/yyyy):

19/Jul/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. Statements in block 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.



TURBO COMPONENTS, Inc
 545 E. Acequia
 Salina, CA 93292
 -800-523-4809
 7-3600 (Local / Intl.)
 -627-2873 (Fax)



Approved Turbo Components

www.approvedturbo.com

CUSTOMER INFORMATION

Invoice Number: 13382

Received Date: 07/13/16

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
 Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
 Address: City: State: Zip:

UNIT INFORMATION

Manufacturer: Kelly Aerospace

Description: Pressure Relief Valve

Part Number: 470944-0017

Alternate Part Number: 470944-9017

Serial Number: JKN00105

Maintenance Requested: Overhaul
 Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev B

EA09-26

Fittings: Y / N Gaskets: Y / N Brackets: Y / N Confirmed By: GF

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

O7TR2100

Full details of the maintenance performed on this unit are available upon request

WORK ORDER NUMBER

35115

APPROVED TURBO COMPONENTS, Inc
1545 E. Acequia
Visalia, CA 93292
1-800-523-4809
559-627-3600 (Local / Intl.)
559-627-2873 (Fax)
www.approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:

Address:

City: State: Zip:

UNIT INFORMATION

Manufacturer: Kelly Aerospace

Description: Pressure Relief Valve

Part Number: 470944-0017

Alternate Part Number: 470944-9017

Serial Number: JKN00105

Maintenance Requested: Overhaul

Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev B

EA09-26

Fittings: Y/ Gaskets: /N Brackets: Y/ Confirmed By: GF

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

07TR2100

Full details of the maintenance performed on this unit are available upon request

FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

018788

4. Organization Name and Address:

Approved Turbo Components, Inc.
1545 E. Acequia
Visalia, CA 93292 USA
USA

FAA Repair Station
No. O7TR2100
(800)523-4809

5. Work Order/Contract/Invoice Number:

35115

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	KAES P.R. VALVE	470944-0017	1	JKN00105	OVERHAULED

12. Remarks:

OVERHAULED IN ACCORDANCE WITH: Kelly Aerospace Ovhl. Manual P/N 400999-0000 Rev B Rev. Date 10/22/2009
FULL DETAILS HELD ON WORK ORDER NUMBER 35115
ALTERNATE APPROVED PART NUMBER: 470944-9017

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.

14a.

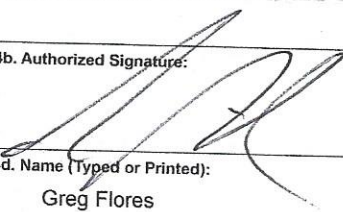
14 CFR 43.9 Return to Service Other regulation specified in Block 12

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:



14c. Approval/Certificate No.:

O7TR2100

13d. Name (typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):

Greg Flores

14e. Date (dd/mmm/yyyy):

19/Jul/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. Statements in block 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.



TURBO COMPONENTS, Inc
 1545 E. Acequia
 Escondido, CA 92029
 1-800-523-4809
 760-3600 (Local / Intl.)
 9-627-2873 (Fax)



Approved Turbo Components

www.approvedturbo.com

CUSTOMER INFORMATION

Invoice Number: 13382

Received Date: 07/13/16

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
 Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:

Address:

City: State: Zip:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Wastegate

Part Number: 470842-0004 Alternate Part Number: C165006-0304

Serial Number: JHN00480

Maintenance Requested: Overhaul

Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev C/ATC/FAA Approved Data

EA09-26

Fittings: / N Gaskets: / N Brackets: / N Confirmed By: Greg Flores

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

07TR2100

Full details of the maintenance performed on this unit are available upon request

WORK ORDER NUMBER

35112

APPROVED TURBO COMPONENTS, Inc

1545 E. Acequia
Visalia, CA 93292
1-800-523-4809

559-627-3600 (Local / Intl.)
559-627-2873 (Fax)
www.approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
Address: City: State: Zip:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Wastegate

Part Number: 470842-0004 Alternate Part Number: C165006-0304

Serial Number: JHN00480

Maintenance Requested: Overhaul
Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400999-0000 Rev C/ATC/FAA Approved Data

EA09-26

Fittings: / N Gaskets: / Brackets: Y / Confirmed By: *[Signature]*

WORK ORDER FINAL INSPECTION BY: _____

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

07TR2100

Full details of the maintenance performed on this unit are available upon request

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

018786

4. Organization Name and Address:

Approved Turbo Components, Inc.
1545 E. Acequia
Visalia, CA 93292 USA
USA

FAA Repair Station
No. O7TR2100
(800)523-4809

5. Work Order/Contract/Invoice Number:

35112

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HET WASTEGATE	470842-0004	1	JHN00480	OVERHAULED

12. Remarks:

OVERHAULED IN ACCORDANCE WITH: Hartzell Engine Techs. Ovhl. Manual P/N 400999-0000 Rev C Rev. Date 04/17/2015
FULL DETAILS HELD ON WORK ORDER NUMBER 35112
ALTERNATE APPROVED PART NUMBER: C165006-0304

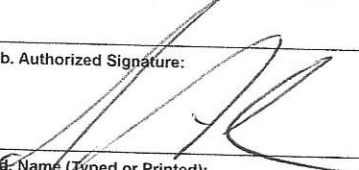
13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a.

- 14 CFR 43.9 Return to Service 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: 	14c. Approval/Certificate No.: O7TR2100
13d. Name (typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Greg Flores	14e. Date (dd/mmm/yyyy): 19/Jul/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. Statements in block 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.



TURBO COMPONENTS, Inc
 1545 E. Acequia
 Visalia, CA 93292
 1-800-523-4809
 77-3600 (Local / Intl.)
 9-627-2873 (Fax)



Approved Turbo Components

www.approvedturbo.com

CUSTOMER INFORMATION

Invoice Number: 13382

Received Date: 07/13/16

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
 Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
 Address: State: Zip:
 City:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies Description: Turbocharger

Part Number: 466304-0003 Alternate Part Number: 646677

Serial Number: UFR0110

Maintenance Requested: Overhauled Exchange
 Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400600-0000 Rev B/ATC/FAA Approved Data

EA09-26

Fittings: / N Gaskets: / N Brackets: Y / Confirmed By: Greg Flores

WORK ORDER/FINAL INSPECTION BY:

Completed Date 07-19-16

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

Greg Flores

FAA APPROVED REPAIR STATION NUMBER
 O7TR2100

Full details of the maintenance performed on this unit are available upon request

SCANNED IN

WORK ORDER NUMBER

35110

APPROVED TURBO COMPONENTS, Inc

1545 E. Acequia

Visalia, CA 93292

1-800-523-4809

559-627-3600 (Local / Intl.)

559-627-2873 (Fax)

www.approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:

Address:

City: State: Zip:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Turbocharger

Part Number: 466304-0003

Alternate Part Number: 646677

Serial Number: UFR0110

Maintenance Requested: Overhauled Exchange

Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400600-0000 Rev B/ATC/FAA Approved Data

EA09-26

Fittings: N Gaskets: N Brackets: Y / Confirmed By: *[Signature]*

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

Greg Flores

ADDITIONAL FORMS ATTACHED

1002-1 Receiving Inspection

1002-2 Preliminary Inspection

1002-9 Penetrant Inspection

1002-5 Turbo Final

1002-6 Control Final

1002-7 Parts Issue

1015 Hidden Damage

FAA APPROVED REPAIR STATION NUMBER

O7TR2100

Full details of the maintenance performed on this unit are available upon request

FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

018784

4. Organization Name and Address:

Approved Turbo Components, Inc.
1545 E. Acequia
Visalia, CA 93292 USA
USA

FAA Repair Station
No. O7TR2100
(800)523-4809

5. Work Order/Contract/Invoice Number:

35110

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HET TURBOCHARGER	466304-9003	1	UFR0110	OVERHAULED

12. Remarks:

OVERHAULED IN ACCORDANCE WITH: Hartzell Engine Techs. Ovhl. Manual P/N 400600-0000 Rev B Rev. Date 09/12/2014 & Garrett Manual TP20-0128, EA09-26
 FULL DETAILS HELD ON WORK ORDER NUMBER 35110
 ALTERNATE APPROVED PART NUMBER: 646677
 IMPORTANT NOTICE FOR TURBOCHARGERS
 In accordance with Hartzell Engine Technologies Service Bulletin No. 23 the "TURBOCHARGER SYSTEM OPERATIONAL TESTS MUST BE PERFORMED PRIOR TO RETURN TO SERVICE".
 A copy of Service Bulletin No.23 can be obtained from us or the web @ <http://hartzell.aero/wp-content/uploads/2014/10/SB-023.pdf>

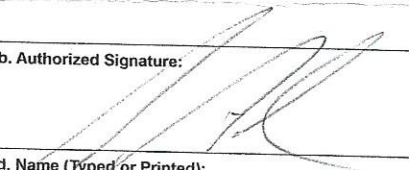
13a. Certifies the items identified above were manufactured in conformity to:

- Approved design data and are in a condition for safe operation.
- Non-approved design data specified in Block 12.

14a.

14 CFR 43.9 Return to Service 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: 	14c. Approval/Certificate No.: O7TR2100
13d. Name (typed or Printed):	13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Greg Flores	14e. Date (dd/mm/yyyy): 19/Jul/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. Statements in block 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.



TURBO COMPONENTS, Inc
 1545 E. Acequia
 Salinas, CA 93292
 1-800-523-4809
 1-73600 (Local / Intl.)
 9-627-2873 (Fax)
 .approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
 Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
 Address: City: State: Zip:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Turbocharger

Part Number: 466304-0003 Alternate Part Number: 646677

Serial Number: JIL00995

Maintenance Requested: Overhaul
 Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400600-0000 Rev B/ATC/FAA Approved Data

EA09-26

Fittings: N Gaskets: N Brackets: Y N Confirmed By: *[Signature]*

WORK ORDER FINAL INSPECTION BY: *[Signature]*

Completed Date 07-19-16

ADDITIONAL FORMS ATTACHED

- 1002-1 Receiving Inspection
- 1002-2 Preliminary Inspection
- 1002-9 Penetrant Inspection
- 1002-5 Turbo Final
- 1002-6 Control Final
- 1002-7 Parts Issue
- 1015 Hidden Damage

Greg Flores

FAA APPROVED REPAIR STATION NUMBER
 O7TR2100

Full details of the maintenance performed on this unit are available upon request

WORK ORDER NUMBER

35111

APPROVED TURBO COMPONENTS, Inc

1545 E. Acequia
Visalia, CA 93292
1-800-523-4809

559-627-3600 (Local / Intl.)

559-627-2873 (Fax)

www.approvedturbo.com



Approved Turbo Components

Received Date: 07/13/16

CUSTOMER INFORMATION

Invoice Number: 13382

Contact Name: Terry Shafer P.O. 5659

Company Name: Vector Air

Address: 395 Airport Drive
Erie Municipal Airport

City: Erie State: CO Zip: 80516 Country:

Phone: 303-664-0633 Fax: Cell No: Email:

Drop Ship

Company Name: Contact Name: Phone:
Address: State: Zip:
City:

UNIT INFORMATION

Manufacturer: Hartzell Engine Technologies

Description: Turbocharger

Part Number: 466304-0003

Alternate Part Number: 646677

Serial Number: JIL00995

Maintenance Requested: Overhaul
Special Instructions:

FINAL DISPOSITION OF UNIT

Overhauled and returned to service

DOCUMENTATION

FAA Form 8130-3 Overhaul

DATA USED TO PERFORM MAINTENANCE

400600-0000 Rev B/ATC/FAA Approved Data

EA09-26

Fittings: N Gaskets: N Brackets: N Confirmed By: Greg Flores

WORK ORDER FINAL INSPECTION BY:

Completed Date 07-19-16

ADDITIONAL FORMS ATTACHED

1002-1 Receiving Inspection

1002-2 Preliminary Inspection

1002-9 Penetrant Inspection

1002-5 Turbo Final

1002-6 Control Final

1002-7 Parts Issue

1015 Hidden Damage

Greg Flores

FAA APPROVED REPAIR STATION NUMBER

O7TR2100

Full details of the maintenance performed on this unit are available upon request

FAA/United States

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

018785

4. Organization Name and Address:

Approved Turbo Components, Inc.
1545 E. Acequia
Visalia, CA 93292 USA
USA

FAA Repair Station
No. O7TR2100
(800)523-4809

5. Work Order/Contract/Invoice Number:

35111

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HET TURBOCHARGER	466304-9003	1	JIL00995	OVERHAULED

12. Remarks:

OVERHAULED IN ACCORDANCE WITH: Hartzell Engine Techs. Ovhl. Manual P/N 400600-0000 Rev B Rev. Date 09/12/2014 & Garrett Manual TP20-0128, EA09-26
 FULL DETAILS HELD ON WORK ORDER NUMBER 35111
 ALTERNATE APPROVED PART NUMBER: 646677
 IMPORTANT NOTICE FOR TURBOCHARGERS
 In accordance with Hartzell Engine Technologies Service Bulletin No. 23 the "TURBOCHARGER SYSTEM OPERATIONAL TESTS MUST BE PERFORMED PRIOR TO RETURN TO SERVICE".
 A copy of Service Bulletin No.23 can be obtained from us or the web @ <http://hartzell.aero/wp-content/uploads/2014/10/SB-023.pdf>

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.

14a.

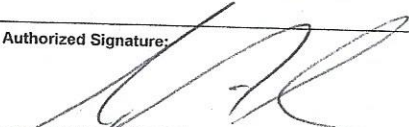
14 CFR 43.9 Return to Service Other regulation specified in Block 12

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:



14c. Approval/Certificate No.:

O7TR2100

13d. Name (typed or Printed):

13e. Date (dd/mmm/yyyy):

14d. Name (Typed or Printed):

Greg Flores

14e. Date (dd/mmm/yyyy):

19/Jul/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. Statements in block 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.



SYMETRICS INDUSTRIES, LLC.

1615 W. NASA Blvd., Melbourne, FL 32901 USA • Phone: (321) 254-1500 • Fax: (321) 259-4122

Prod Pack Slip: 19915

Production Packing Slip

Page: 1 of 1

Ship To:
 Vector Air
 395 Airport Dr.
 Erie CO 80516
 USA

Sold To: Jason
 Vector Air
 395 Airport Dr.
 Erie CO 80516
 USA

F.O.B.: FOB Origin

Ship Via: FedEx 2-Day

Pack Slip Date: 5/10/16

Pack Line	PO Line	PO Rel	Part Number/Description	Shipped Qty	Rev
1			700-00004-008 MFD, 10.4, LANDSCAPE, 429, 800 NIT	1.00	

Serial Number: 20007446

8130-3, ATP and Work Order Attached
 Ship via FedEx 2-Day Acct. #032900690

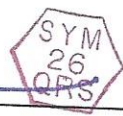
Your PO: 5590

- Sales Order: 13998 Special Shipping Requirements:
- Test Data
 - Export License
 - First Article
 - FAR/Repair Report
 - 8130
 - EASA
 - CSI

CERTIFICATE OF COMPLIANCE

We certify that the workmanship on the articles listed above, shipped in satisfaction of your Purchase Order mentioned, have been inspected and/or tested and found to be in full conformance to the requirements of said Purchase Order and all drawings or specifications applied to the order, and that all pertinent inspection and/or test data is on file available for review.

Quality Assurance



10 MAY 2016

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 13998-7919RS	
4. Organization Name and Address: Symetrics Industries, 1615 W. NASA Blvd, Melbourne, FL. 32901 (5S5R934B)					5. Work Order/Contract/Invoice Number: 13998-7919RS	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Multi-Function Display	700-00004-008	1	20007446	Repaired	
12. Remarks: Repaired, Inspected, and Tested in accordance with PMM #600-00130-004, Rev. 13, Dated 04/05/2016. See attached W/O 13998-7919RS. All Pertinent Service Bulletins and Airworthiness Directives Complied with: "Certifies that the work specified in blocks 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component considered is ready for release to service under EASA Part-145 Approval Number EASA.145.6489"						
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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature: 		14c. Approval/Certificate No.: 5S5R934B	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Steven A. Smith		14e. Date (dd/mmm/yyyy): 10 May 2016	
User/Installer Responsibilities						
<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>						

*****Note: This is an Electronic Work Order. All Names and Stamp Numbers You See On this Document Were Applied Electronically, And Then Acknowledged By the Individuals Represented.**

RS

Repair Station Work Order

ASM: 0
Job: 13998-7919RS
Page: 1 of 2
Date: 5/10/2016

Job: 13998-7919RS

Repair Station: 5S5R934B

ASM: 0

Part: 700-00004-008

MFD, 10.4, LANDSCAPE, 429, 800 NIT

010Excha

S/N: 20007446

Comments:

Job: PO NUMBER: 5590
CUSTOMER: Vector Air
Serial Number: 20007446
Reason for return: Cannot upload data through USB port. Screen display has failed possibly overheat?
WARRANTY= YES NO
SERVICE BULLETINS REQUIRED = YES NO
Funding Not Required; RS License Warranty

Seq Operation

Signoff Date



10 RS - Incoming Inspection

sandrews 4/27/2016

PERFORM PRELIMINARY INSPECTION.
VERIFY ARTICLE IS IN REPAIR STATION CAPABILITY LIST.
VERIFY AD'S ARE APPLICABLE AND RECORD.

NOTIFY CUSTOMER SERVICE IF BEZEL IS DAMAGED.

Activity Performed:

Performed preliminary inspection and found no issues. No AD's found. Note: Unit has Rev. 01, No Mods indicated. RCVD with warranty/quality seal. (Performed FOD test).



20 RS - Evaluation

rhaas 5/9/2016

PERFORM EVALUATION AND VERIFICATION OF FAILURE PER PMM.
RUN EVALUATION TEST USING UNITS CURRENT REVISION ON LABEL.
VERIFY AND RECORD LATEST REVISION OF PMM.
VERIFY SOFTWARE AND MOD STATUS.

Activity Performed:

Performed evaluation per PMM 600-00130-004, Rev.13, Date: 5 Apr. 2016. Received with software version: 530-00201-100 Rev. 00 (Cirrus) installed. Unit requires Mods 17 and 19. Was not able to verify that the "USB Port can't upload data and that Screen display has failed possibly to overheating". Was able to load Loopback Test software without any issues and heated the unit up to approximately 60° C and had no issues show. Bezel window is De-Bonded and Left Knob cracked. Battery has expired.

7.0 Test Data Sheet

The following page is a blank test data sheet that is to be used to record the required data contained within this document. The pass/fail criteria for the tests are included on each data sheet. The format of this sheet can be modified to fit the appropriate travelers etc., but the content and pass/fail criteria must remain consistent.

TEST DATA SHEET

Part Number: <u>700-00004-008</u>		Date: <u>9 May 2016</u>	
Serial Number: <u>2000 7446</u>		Technician: <u>2133</u>	
Test Action: <input type="checkbox"/> Pre Burn In		<input type="checkbox"/> Post Burn In	<input checked="" type="checkbox"/> Field Return To Service
Title	Pass	Fail	Recordings
Mechanical Inspection	X		
BIOS Time/Date	X		
Serial Number Entry	X		
Viewing Angle	X		
Pixel and Initialization	X		
Key Function	X		
Dimming Functionality	X		
Fan Test	X		
Bezel Light Dimming	X		
System Time (Universal time military format and Serial Number	X		
Loopback Test	X		
Broadcast, Narrowcast, TAWS, and CMAX activated	X		

COPY

40824853



UNIFORM STRAIGHT BILL OF LADING ORIGINAL---NOT NEGOTIABLE
SUBJECT TO THE TERMS AND CONDITIONS OF THE UNIFORM BILL OF LADING --- QUESTIONS? CALL 1.866.393.4585

282591433-5

FedEx
 Freight

Date 3/25/16 Purchase Order # _____
 Shipper # _____ Shipper # _____
REQUIRED: Please select a service type
 FedEx Freight® Priority FedEx Freight® Economy
OPTIONAL: You may select a money-back guarantee delivery (charges and tariff limitations may apply).
 A.M. Delivery Close of Business Delivery

SHIPPER (from) Please provide ZIP codes and phone numbers. **CONSIGNEE (to)**

Shipper: Vector Air, LLC FXF Acct. # _____ Consignee: _____ Poplar Grove Airmotive FXF Acct. # 131590253
 Attn. to: Jason Area Code 303 Phone Number 664-0633 Attn. to: Dave Allen Area Code 815 Phone Number 544-2300
 Address: 395 Airport Dr Address: 11619 RT 76
 Address (Store, Dept., Ste., Flr., Apt., Div.) Address (Store, Dept., Ste., Flr., Apt., Div.)
 City: _____ City: POPLAR GROVE
 State/Province: _____ ZIP/Postal Code: 80516 Country: _____ State/Province: _____ ZIP/Postal Code: _____ Country: _____
 Accessorial Charges Liftgate Inside Pickup Limited Access Accessorial Charges Liftgate Inside Delivery Limited Access
 Shipper Bill of Lading # _____ Accessorial Charges Custom Delivery Window.

Special Instructions: **Top Freight only**

BILL FREIGHT CHARGES TO (if different than above):
 Name: _____ FXF Acct. # _____ Mailing Address: _____
 City: _____ State: _____ ZIP/Postal Code: _____ Country: _____ Area Code: _____ Phone Number: _____
 Freight charges are PREPAID unless marked collect. USD CAD **C.O.D.**
CHECK BOX IF COLLECT **AMOUNT**
REMIT C.O.D. TO (if different than shipper above):
 Name: _____ Mailing Address: _____
 City: _____ State: _____ ZIP/Postal Code: _____ Country: _____ Country Code: _____ Area Code: _____ Phone Number: _____

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper on request, and to all applicable state and federal regulations, the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown/unclear), assigned and destined as shown herein, which said carrier agrees to carry to destination, if on its route, or otherwise to deliver to another carrier on the route to destination. Every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, and the conditions of the FXP 100 Series Rules Tariff, or otherwise referenced, which are hereby agreed to by the shipper and accepted for himself and his assigns.

HANDLING UNITS (H/U)	H/U PKG. TYPE	PIECES	HM (X)	DESCRIPTION OF ARTICLES, KIND OF PACKAGE, SPECIAL MARKS AND EXCEPTIONS (subject to correction)	WEIGHT IN LBS.	NMFC ITEM # (subject to correction)	CLASS	CUBE (ft ³)
1	crate	1		Internal combustion engine parts	750		70	

TOTAL H/U: _____ **★ MARK "X" OR "RQ" IN THE HM COLUMN TO DESIGNATE HAZARDOUS MATERIALS OR REPORTABLE QUANTITY AS DEFINED IN DOT REGULATIONS.**

HM EMERGENCY CONTACT PHONE NUMBER (AREA CODE) _____
 HM EMERGENCY RESPONSE PROVIDER PERSON or CONTRACT # _____

NOTE (1) Where the rate and carrier's liability for loss or damage may be dependent on value, shippers must state specifically in writing the agreed or declared value of the property as follows: "The agreed or declared value of the property is specifically stated by the shipper to be not exceeding _____ per _____."
Note (2) Liability limitation for loss or damage on this shipment shall be applicable as provided by contract or in the current NMFC or this carrier's governing tariffs. See FXP 100 Series Rules Tariff for complete limited liability provisions. Carrier's maximum standard liability is limited to \$25 per pound per package for NEW articles and \$.50 per pound per package (or its equivalent in Mexican Pesos (MXN) or Canadian Dollars (CAD), at the rate of exchange which is in effect at the place and on the date of shipment) for USED or RECONDITIONED articles. In no case shall carrier liability exceed \$100,000 per occurrence (or its equivalent in MXN or CAD at the rate of exchange which is in effect at the place and on the date of shipment) for NEW articles or \$10,000 per occurrence (or its equivalent in MXN or CAD at the rate of exchange which is in effect at the place and on the date of shipment) for USED or RECONDITIONED articles. For availability and limits of excess liability coverage and applicable rates and charges, please refer to FXP 100 Series Rules Tariff. Not selecting an additional coverage option is considered to be a waiver of same and standard liability coverage will apply.
 Articles are NEW, and require Excess Liability Coverage in the amount of _____
 USD CAD MXN per lb. or kg. Additional charges will apply.
 Articles are USED or RECONDITIONED and require Excess Liability Coverage. Additional charges will apply.

EEL/SED Number or Exception _____ Phone # (AREA CODE) _____
 Broker Name _____ Fax # (AREA CODE) _____
FOR FREIGHT COLLECT SHIPMENTS
 Subject to Section 7 of conditions of applicable Bill of Lading. If this shipment is to be delivered to the consignee, without recourse on the consignor, the consignor shall sign the following statement. The carrier may decline to make delivery of this shipment without payment of freight and all other lawful charges.
 Consignor Signature _____

SHIPPER CERTIFICATION
 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.
 Shipper Signature _____ Date _____

CARRIER CERTIFICATION
 Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent document in the vehicle.
 DATE _____ DRIVER/EMPLOYEE NUMBER _____ PIECE COUNT _____ TRAILER # _____

NOTE (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. See Sec. 2(e) of NMFC Item 360.
 Create your next Bill of Lading online at fedex.com/us/freight/main/
 3-25-16 *B. Long* 2475497 1 CRT 230085
 FedEx Freight C0202/711-FXF

UNIFORM STRAIGHT BILL OF LADING

Terms & Conditions

Sec. 1. (a) The carrier or the party in possession of any of the property described in this Bill of Lading shall be liable as at common law for any loss thereof or damage thereto, except as hereinafter provided.

(b) No carrier shall be liable for any loss or damage to a shipment or for any delay caused by an Act of God, the public enemy, the authority of law, or the act or default of shipper. Except in the case of negligence of the carrier or party in possession, the carrier or party in possession shall not be liable for loss, damage or delay which results: when the property is stopped and held in transit upon request of the shipper, owner or party entitled to make such requests; or from faulty or impassible highway, or by lack of capacity of a highway bridge or ferry; or from a defect or vice in the property; or from riots or strikes. The burden to prove freedom from negligence is on the carrier or the party in possession.

Sec. 2. Unless arranged or agreed upon, in writing, prior to shipment, carrier is not bound to transport a shipment by a particular schedule or in time for a particular market, but is responsible to transport with reasonable dispatch. In case of physical necessity, carrier may forward a shipment via another carrier.

Sec. 3. (a) As a condition precedent to recovery, claims must be filed in writing with: any participating carrier having sufficient information to identify the shipment.

(b) Claims for loss or damage must be filed within nine months after the delivery of the property (or, in the case of export traffic, within nine months after delivery at the port of export), except that claims for failure to make delivery must be filed within nine months after a reasonable time for delivery has elapsed.

(c) Suits for loss, damage, injury or delay shall be instituted against any carrier no later than two years and one day from the day when written notice is given by the carrier to the claimant that the carrier has disallowed the claim or any part or parts of the claim specified in the notice. Where claims are not filed or suits are not instituted thereon in accordance with the foregoing provisions, no carrier shall be liable, and such claims will not be paid.

(d) Any carrier or party liable for loss of or damage to any of said property shall have the full benefit of any insurance that may have been effected, upon or on account of said property, so far as this shall not avoid the policies or contracts of insurance, PROVIDED, that the carrier receiving the benefit of such insurance will reimburse the claimant for the premium paid on the insurance policy or contract.

Sec. 4. (a) If the consignee refuses the shipment tendered for delivery by carrier or if carrier is unable to deliver the shipment, because of fault or mistake of the consignor or consignee, the carrier's liability shall then become that of a warehouseman. Carrier shall promptly attempt to provide notice, by telephonic or electronic communication as provided on the face of the Bill of Lading, if so indicated, to the shipper or the party, if any, designated to receive notice on this Bill of Lading. Storage charges, based on carrier's tariff, shall start no sooner than the next business day following the attempted notification. Storage may be, at the carrier's option, in any location that provides reasonable protection against loss or damage. The carrier may place the shipment in public storage at the owner's expense and without liability to the carrier.

(b) If the carrier does not receive disposition instructions within 48 hours of the time of carrier's attempted first notification, carrier will attempt to issue a second and final confirmed notification. Such notice shall advise that if carrier does not receive disposition instructions within 10 days of that notification, carrier may offer the shipment for sale at a public auction and the carrier has the right to offer the shipment for sale. The amount of sale will be applied to the carrier's invoice for transportation, storage and other lawful charges. The owner will be responsible for the balance of charges not covered by the sale of the goods. If there is a balance remaining after all charges and expenses are paid, such balance will be paid to the owner of the property sold hereunder, upon claim and proof of ownership.

(c) Where carrier has attempted to follow the procedure set forth in subsections 4(a) and (b) above and the procedure provided in this section is not possible, nothing in this section shall be construed to abridge the right of the carrier at its option to sell the property under such circumstances and in such manner as may be authorized by law. When perishable goods cannot be delivered and disposition is not given within a reasonable time, the carrier may dispose of property to the best advantage.

(d) Where a carrier is directed by consignee or consignor to unload or deliver property at a particular location where consignor, consignee, or the agent of either, is not regularly located, the risk after unloading or delivery shall not be that of the carrier.

Sec. 5. (a) In all cases not prohibited by law, where a lower value than the actual value of the said property has been stated in writing by the shipper or has been agreed upon in writing as the released value of the property as determined by the classification or tariffs upon which the rate is based, such lower value plus freight charges if paid shall be the maximum recoverable amount for loss or damage, whether or not such loss or damage occurs from negligence.

(b) No carrier hereunder will carry or be liable in any way for any documents, coin money, or for any articles of extraordinary value not specifically rated in the published classification or tariffs unless a special agreement to do so and a stipulated value of the articles are endorsed on this bill of lading.

Sec. 6. Every party, whether principal or agent, who ships explosives or dangerous goods, without previous full written disclosure to the carrier of their nature, shall be liable for and indemnify the carrier against all loss or damage caused by such goods. Such goods may be warehoused at owner's risk and expense or destroyed without compensation.

Sec. 7. (a) The consignor or consignee shall be liable for the freight and other lawful charges accruing on the shipment, as billed or corrected, except that collect shipments may move without recourse to the consignor when the consignor so stipulates by signature or endorsement in the space provided on the face of the Bill of Lading. Nevertheless, the consignor shall remain liable for transportation charges where there has been an erroneous determination of the freight charges assessed, based upon incomplete or incorrect information provided by the consignor.

(b) Notwithstanding the provisions of subsection (a) above, the consignee's liability for payment of additional charges that may be found to be due after delivery shall be as specified by 49 U.S.C. §13706, except that the consignee need not provide the specified written notice to the delivering carrier if the consignee is a for-hire carrier.

(c) Nothing in this Bill of Lading shall limit the right of the carrier to require the prepayment or guarantee of the charges at the time of shipment or prior to delivery. If the description of articles or other information on this Bill of Lading is found to be incorrect or incomplete, the freight charges must be paid based upon the articles actually shipped.

Sec. 8. If this Bill of Lading is issued on the order of the shipper, or his agent, in exchange or in substitution for another Bill of Lading, the shipper's signature on the prior Bill of Lading or in connection with the prior Bill of Lading as to the statement of value or otherwise, or as to the election of common law or Bill of Lading liability shall be considered a part of this Bill of Lading as fully as if the same were written on or made in connection with this Bill of Lading.

Sec. 9. If all or any part of said property is carried by water over any part of said route, such water carriage shall be performed subject to the terms and provisions and limitations of liability specified by the "Carriage of Goods By Sea Act" and any other pertinent laws applicable to water carriers.



Hose Shop 7285 S. Revere Pkwy. Ste 703
Phone 303-460-7708 Fax 303-460-1190

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1002307898

Item Line Numbers:

- 1) 124J012E0200C180
- 2) 124J001-4CR0080
- 3) 124J002-6CR0100
- 4) 124J001-8CR0190
- 5) 124J001-8CR0190
- 6) 124J002-8CR0120
- 7) 124J003-8CR0226
- 8) 124J003-4CR0360
- 9) 124J002-4CR0140
- 10) 124J002-4CR0226 X2
- 11) 124J002-6CR0100
- 12) 124J002-6CR0200

Signed:

Date:

7-20-2016

*Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved

Form# CERT-001



Hose Shop 7285 S. Revere Pkwy. Ste 703
Phone 303-460-7708 Fax 303-460-1190

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1002307898

Item Line Numbers:

13) 124J002-4CR0080

19)

14) 124J003-3CR0100

20)

15) 124J001-6CR0080

21)

16)

22)

17)

23)

18)

24)

Signed:

Date:

7-20-2016

*Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved

Form# CERT-001

WORK ORDER

7716

CUSTOMER

Vector

JOB DESCRIPTION

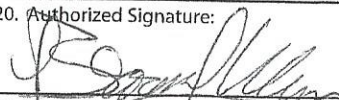
RS OH

ENGINE MODEL


I0550N

ENGINE SERIAL NUMBER

689996

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 30693	
4. Organization Name and Address: Warner Propeller and Governor Co. L.L.C. 5102 S. Country Club Rd. Tucson, AZ 85706 FAA CRS W59R659N					5. Work Order/Contract/Invoice Number: 7983		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Propeller	PHC-J3YF-1N	N/A	1	FP5297B	Repair	
13. Remarks: RETURN TO SERVICE Repair using Hartzell manual 113B Revision 39 dated September/2010. Refer to work order listed in block 5 for details							
14. 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 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: W59R659N	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Brooke J. Warner		23. Date (m/d/y): Jun 14, 2011	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 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/PMA ELIGIBILITY REPORT

BARRY CONTROLS  *Aerospace*

PMA No. PQ0524NM

Part Number: 96301-01

FAA-PMA approved for use on the following type certificated aircraft as of March 22, 2016

Aircraft Mfr	Aircraft Model	Engine Mfr	Engine Model	Serial Number Eligibility
Cirrus Design	SR22, SR22T			

1. Approving Civil Aviation Authority/Country: FAA/United States	<h2 style="margin:0;">AUTHORIZED RELEASE CERTIFICATE</h2> <p style="margin:0;">FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number: <div style="text-align: center; font-size: 1.2em;">450043</div>			
4. Organization Name and Address <div style="text-align: center;">Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615</div>		FAA/PMA:PQ1269CE 5. Work Order/Contract/Invoice Number: <small>EPN</small> 496509 <small>Carton</small> 0000190639			
6. Item:	7. Description	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARNESS, YELLOW, S6-20/200,	10-423674-19Y	1	N/A	NEW
12. Remarks: <div style="font-size: 1.1em;">AIRWORTHINESS APPROVAL</div>					
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.					
13b. Authorized Signature: <div style="font-family: cursive; font-size: 1.2em; margin-left: 20px;">Thomas H Howard</div>		13c. Approval/Authorization No.: <div style="text-align: center; font-size: 1.1em;">937042831</div>			
13d. Name (Typed or Printed): <div style="margin-left: 20px;">Thomas H. Howard</div>		13e. Date (dd/mmm/yyyy): <div style="text-align: center; margin-left: 20px;">10/Feb/2016</div>			
User/Installer Responsibilities					
<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>					



1. Approving Civil Aviation Authority/Country FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: WO: 7716
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4. Organization Name and Address: Poplar Grove Airmotive, Inc 11619 Route 76 Poplar Grove , IL 61065	5. Work Order/Contract/Invoice Number WO: 7716
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6. Item:	7. Description:	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work:
1	Magneto	10-500556-101	1	D06KA068	Repaired


12. Remarks

500 hour inspection.

The work specified has been accomplished in accordance with TCM manual P/N X42002-3.
Complied with AD 2005-12-06 wear less than .014.

Poplar Grove Airmotive 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 Magneto is considered ready for release to service under EASA Part - 145 Approval Number: EASA,145.6472

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 13	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.
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13b. Authorized Signature:	13c. Approval Authorization Number:	14b. Authorized Signature: 	14c. Approval/Certificate No.: YYBR664L
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed): Andrew Falsetti	14e. Date (dd/mmm/yyyy): 9-May-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 and 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 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.



1. Approving Civil Aviation Authority/Country FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: WO: 7716
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4. Organization Name and Address: Poplar Grove Airmotive, Inc 11619 Route 76 Poplar Grove , IL 61065	5. Work Order/Contract/Invoice Number WO: 7716
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6. Item:	7. Description:	8. Part Number	9. Quantity	10. Serial Number:	11. Status/Work:
1	Magneto	10-500556-101	1	D06KA069	Repaired

12. Remarks

500 hour inspection.

The work specified has been accomplished in accordance with TCM manual P/N X42002-3.
Complied with AD 2005-12-06 wear less than .014.

Poplar Grove Airmotive 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 Magneto is considered ready for release to service under EASA Part - 145 Approval Number: EASA,145.6472

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 13	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.
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13b. Authorized Signature:	13c. Approval Authorization Number:	14b. Authorized Signature: 	14c. Approval/Certificate No.: YYBR664L
13d. Name (Typed or Printed)	13e. Date (dd/mmm/yyyy)	14d. Name (Typed or Printed): Andrew Falsetti	14e. Date (dd/mmm/yyyy): 9-May-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 and 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 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.

1. Approving Civil Aviation Authority/Country: FAA/United States	² AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: GPFM 16-353
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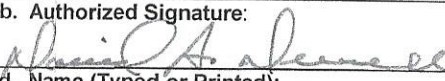
4. Organization Great Planes Fuel Metering, Inc 740 South 142 nd East Ave, Tulsa Oklahoma 74108 CRS # 1GPR022B	5. Work Order/ Contract/ Invoice Number: 16-353
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6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Fuel pump	ETI-SR22-2-11	1	026	Overhauled

12. Remarks:

 Drawing ETI-SR22-2-11 Rev G 4/29/09. CMI SB00-10. TAT SB12-02.

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 13	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.
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13b. Authorized Signature:	13c. Approval Authorization No:	14b. Authorized Signature: 	14c. Approval/Certificate No: 1GPR022B
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): David A. Dewell	14e. Date (dd/mmm/yyyy): 25 May 2016

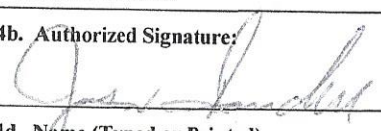
User/Installer Responsibilities

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.

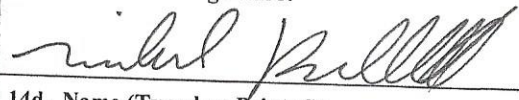
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 470789					
4. Organization Name and Address Continental Motors, Inc. 2039 Broad Street, Mobile, Alabama 36615					PC #508	5. Work Order/Contract/Invoice Number: EPN 524299 Carton 0000200301					
6. Item:	7. Description	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:						
1	THROTTLE & CONT. ASSY.	R-653353-5A1	1	See Block 12	See Block 12						
12. Remarks: Rebuilt to Original PAH's Specifications in accordance with 14 CFR §43.3(j).											
Serial/Batch Number(s): <table border="0"> <tr> <td><u>Serial</u></td> <td><u>Description</u></td> </tr> <tr> <td>A16EA300R</td> <td>THROTTLE & CON</td> </tr> </table>								<u>Serial</u>	<u>Description</u>	A16EA300R	THROTTLE & CON
<u>Serial</u>	<u>Description</u>										
A16EA300R	THROTTLE & CON										
14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service				14a. <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.											
14b. Authorized Signature:				14c. Approval/Certificate No.:							
<i>Thomas H Howard</i>				PC #508							
14d. Name (Typed or Printed):				14e. Date (dd/mmmt/yyyy):							
Thomas H. Howard				23/May/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.											
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.											

1. Approving Civil Aviation Authority/Country: FAA/United States		2.			3. Form Tracking Number: 95101	
AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					5. Work Order/Contract/Invoice Number: 496313 / 006394	
4. Organization Name and Address: Ametek Aero-Defense dba Drake Air 4085 Southwest Blvd, Tulsa, OK 74107, 918-445-5106 (fax), 918/445-3545 (II2R899K)						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	ALT DRIVE COUPLING ASSY	646655	10	SEE BLOCK 12	OVERHAULED	
12. Remarks: This article was maintained and/or modified in accordance with manual DAR-1016, dated Oct 16,2006,Rev# B FILE# 234. OVERHAULED IAW DER APPROVED DAR-1016 REV. B DTD 10/13/2006. REF S/N's: DRK112212, DRK110355, DRK118275, DRK118905, DRK118907, DRK118908, DRK118910, DRK118911, DRK118912, DRK118913. 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 145.4387.						
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"/> 14CFR 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: II2R899K
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):		14d. Name (Typed or Printed): Jason Sanders		14e. Date (dd/mmm/yyyy): 13/May/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. 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.						

1. Approving Civil Aviation Authority/Country: FAA/United States		2.			3. Form Tracking Number: 061016	
4. Organization Name and Address: AIRCRAFT ACCESSORIES OF OKLAHOMA 2740 North Sheridan Rd Tulsa, OK 74115		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG CRS# RV3R829L			5. Work Order/Contract/Invoice Number: WO 17004	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	SCAVENGE PUMP	CF101633-0031	1	SP1006053	REPAIRED	

12. Remarks:
 THE PART IDENTIFIED ABOVE WAS REPAIRED IN ACCORDANCE WITH FAA APPROVED DATA. THERE ARE NO APPLICABLE AIRWORTHINESS DIRECTIVES. WORK ORDER 17004 SHOWING THE ACTUAL WORK PERFORMED IS ON FILE AT THIS FACILITY

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 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: 	14c. Approval/Certificate No.: RV3R829L
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Richard Popplewell	14e. Date (dd/mmm/yyyy): 10-Jun-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.
 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.