

MISCELLANEOUS

RECORDS



MICHELIN

Stabilimento di Cuneo
Piazza Robert Daubrée 12020 Ronchi - Cuneo

CERTIFICATE OF CONFORMANCE
CERTIFICATO DI CONFORMITA'

PIN
Codice materiale 092 - 308 - 0

Tube size
Dimensione camera
5.00-5

Production lot
Lotto produzione
35 06

Gentlemen, we hereby certify that the parts supplied and referenced by the production lot, are manufactured according to applicable specifications. Substantiating documents regarding the subject parts are on file available for inspection upon request.

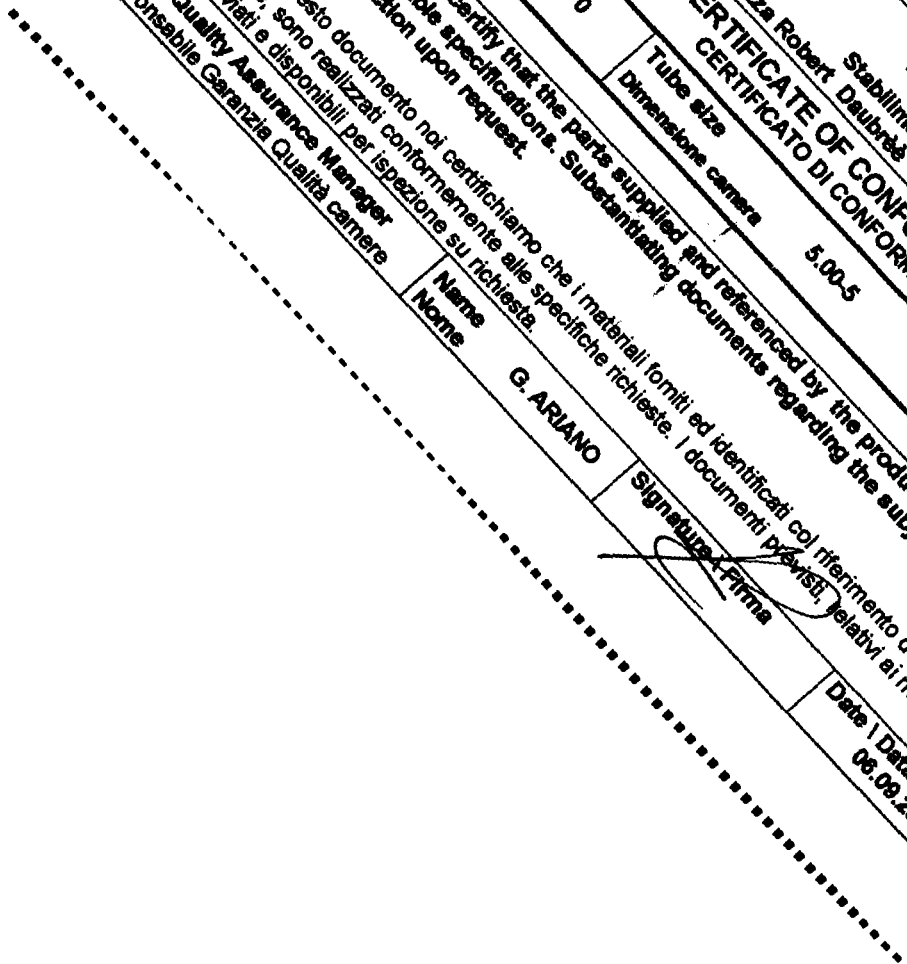
Signori, con questo documento noi certifichiamo che i materiali forniti ed identificati col riferimento del lotto di fabbricazione, sono realizzati conformemente alle specifiche richieste. I documenti previsti, relativi ai materiali in oggetto sono archiviati e disponibili per ispezione su richiesta.

Responsible Quality Assurance Manager
Responsabile Garanzia Qualità camera

Name
G. ARIANO

Signature - Firma

Date \ Data (d / m / y)
06.09.2006



1. Approving National Aviation Authority/Country: FAA/United States	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 7260/142
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4. Organization Name and Address: Michelin Aircraft Tire Company, LLC 515 Michelin road Greenville, SC 29605 (TSOA PT 1283 CE)	Michelin Siam Co., Ltd 57 Moo 6 Nongplakradee Rd. Nongplamore, NongKhae, Saraburi 18140 (TSOA PT 1283CE-DX)	5. Work Order/Contract/ Invoice Nubmer: DIDS7260N17
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6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	15X6.0-6/6/160	061-501-0	N/A	1	7195W00177	NEW

13. Remarks.:

DIRECT SHIPMENT AUTHORIZTION

14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.	19. <input 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.
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15. Authorized Signature: 	16. Approval/Authorization No.: DMIR 511237CE	20. Authorized Signature: NA	21. Approval/Certificate Number: NA
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17. Name (Typed or Printed): M.Jittakorn Sukto	18. Date (m/d/y): 16-Jul-07	22. Name (Typed or Printed): NA	23. Date (m/d/y): NA
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User/Installer Responsibilities

It is important to understand that the existence of this document alone dose 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 part/components/assemblies from the airworthiness authority of the country specified in Block 1.

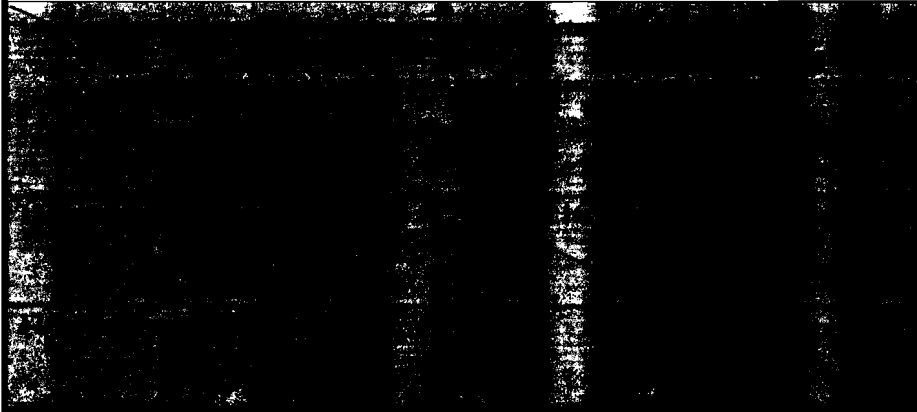
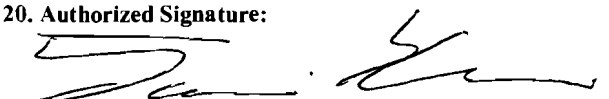
Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="text-align: center;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number: 240-09-2007
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4. Organization Name and Address: Cirrus Design Factory Service Center YD5R855Y 4514 Taylor Circle Duluth, MN 55811	5. Work Order/Contract/Invoice Number: 240-09-2007
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6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	MCU100	14600-002S	N/A	1	00483	OVERHAULED

13. Remarks:
A GENERAL DESCRIPTION OF THE WORK PERFORMED IS ATTACHED AS A SEPARATE TRAVELER FORM UNDER THE PART DESCRIPTION LISTED IN BLOCKS 6,7,8,10, AND 11 AS APPLICABLE. A COMPLETE DESCRIPTION OF WORK PERFORMED IS ON FILE AT THE ABOVE REFERENCED ORGANIZATION UNDER THE WORK ORDER AND SYSTEM TRACKING REFERENCE NUMBER INDICATED IN BLOCKS 3 AND 5. NOTICE: An Airworthiness Directive may apply to the article(s) described hereon. **The installer is responsible for sealing the Perimeter of Cover with High Temperature red RTV and ensuring complete compliance with any applicable Airworthiness Directives.**
Refer to Attached Traveler CS600 Rev 04.
Airworthiness Approval-Part, **This is Not an Export Approval.**
Inspected/Tested MCU per MCU Component Manual Doc. 15686-001 Reissue B, May 2006 and MCU Service Repair and Overhaul Traveler CS600 Rev. 04.
Article is Approved for Return to Service.
This Certifies that the work specified in block 12/13 was carried out in accordance with EASA 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.5632 and Cirrus Design Factory Service Center CRS #YD5R855Y

	19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" 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.	
	20. Authorized Signature: 	21. Approval/Certificate No.: YD5R855Y
	22. Name (Typed or Printed): Taavi Korpi	23. Date (d/m/y): 18 Oct. 2007

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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1. Approving National Aviation "Authority/Country": FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINES APPROVAL TAG	3. Form Tracking Number: 074379
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4. Organization B & C SPECIALTY PRODUCTS INC. 123 EAST 4 TH ST. NEWTON, KS. 67114-0894	Customer: Av Tech 7079 Airport Road Maysville, KY 41056	5. Work Order, Contract, or Invoice Number: Invoice: 074379
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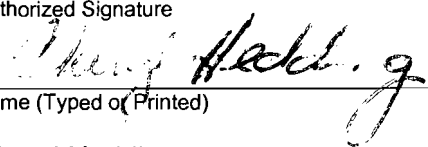
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	Alternator	BC410-1	N/A	1	0342546KX	Overhaul

13. Remarks:

Item 1: Repaired, in accordance with B&C Specialty Products component maintenance manual for the BC410 Alternator.

A complete description of work performed is on file at the above referenced organization under the part description listed in blocks 6, 7, 8, 10, 11, and the invoice number indicated in block 5.

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.
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15. Authorized Signature	16. Approval/Authorization No.:	20. Authorized Signature 	21. Certificate Number ZG9R933X
17. Name (Typed or Printed)	18. Date (m/d/y):	22. Name (Typed or Printed) Cheryl Hedding	23. Date OCT/17/2007

***User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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Discrepancies Noted:

- | | | |
|---|--|--|
| <input type="checkbox"/> OUTERSHELL | <input type="checkbox"/> BALL JOINT | <input type="checkbox"/> BELLOWS |
| <input type="checkbox"/> OVERBOARD | <input type="checkbox"/> BELL JOINT | <input type="checkbox"/> HEAT FINS |
| <input type="checkbox"/> BAFFLE | <input type="checkbox"/> INLAY | <input type="checkbox"/> STRAIGHT TUBE |
| <input type="checkbox"/> END PLATE | <input type="checkbox"/> OVERLAY | <input type="checkbox"/> BRACKET |
| <input checked="" type="checkbox"/> SHROUD RING | <input type="checkbox"/> INLET EXTENSION | <input type="checkbox"/> BOLT FLANGE |
| <input type="checkbox"/> BEADED END | <input type="checkbox"/> RISER TUBE | <input type="checkbox"/> TOP TUBE |
| <input type="checkbox"/> TAB | <input type="checkbox"/> FLANGE | <input type="checkbox"/> CRACK WELD |
| <input type="checkbox"/> SHAFT | <input type="checkbox"/> TAILPIPE | <input type="checkbox"/> SLIP JOINT |
| <input type="checkbox"/> BUTTERFLY | <input type="checkbox"/> FLOW DIVIDER | <input type="checkbox"/> ELBOW |
| <input checked="" type="checkbox"/> CLEAN & INSP. | <input type="checkbox"/> BODY | <input type="checkbox"/> SKIN |
| <input checked="" type="checkbox"/> MISC. WELDING | <input type="checkbox"/> _____ | <input type="checkbox"/> _____ |

INSPECTOR'S INITIALS AB

Corrective Action: ITEMS REPLACED OR REPAIRED

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> 1 <input type="checkbox"/> OUTERSHELL | <input type="checkbox"/> 1 <input type="checkbox"/> BALL JOINT | <input type="checkbox"/> 1 <input type="checkbox"/> BELLOWS |
| <input type="checkbox"/> 1 <input type="checkbox"/> OVERBOARD | <input type="checkbox"/> 1 <input type="checkbox"/> BELL JOINT | <input type="checkbox"/> 1 <input type="checkbox"/> HEAT FINS |
| <input type="checkbox"/> 1 <input type="checkbox"/> BAFFLE | <input type="checkbox"/> 1 <input type="checkbox"/> INLAY | <input type="checkbox"/> 1 <input type="checkbox"/> STRAIGHT TUBE |
| <input type="checkbox"/> 1 <input type="checkbox"/> END PLATE | <input type="checkbox"/> 1 <input type="checkbox"/> OVERLAY | <input type="checkbox"/> 1 <input type="checkbox"/> BRACKET |
| <input checked="" type="checkbox"/> 1 <input type="checkbox"/> SHROUD RING | <input type="checkbox"/> 1 <input type="checkbox"/> INLET EXTENSION | <input type="checkbox"/> 1 <input type="checkbox"/> BOLT FLANGE |
| <input type="checkbox"/> 1 <input type="checkbox"/> BEADED END | <input type="checkbox"/> 1 <input type="checkbox"/> RISER TUBE | <input type="checkbox"/> 1 <input type="checkbox"/> TOP TUBE |
| <input type="checkbox"/> 1 <input type="checkbox"/> TAB | <input type="checkbox"/> 1 <input type="checkbox"/> FLANGE | <input type="checkbox"/> 1 <input type="checkbox"/> CRACK WELD |
| <input type="checkbox"/> 1 <input type="checkbox"/> SHAFT | <input type="checkbox"/> 1 <input type="checkbox"/> TAILPIPE | <input type="checkbox"/> 1 <input type="checkbox"/> SLIP JOINT |
| <input type="checkbox"/> 1 <input type="checkbox"/> BUTTERFLY | <input type="checkbox"/> 1 <input type="checkbox"/> FLOW DIVIDER | <input type="checkbox"/> 1 <input type="checkbox"/> ELBOW |
| <input type="checkbox"/> 1 <input checked="" type="checkbox"/> CLEAN & INSP. | <input type="checkbox"/> 1 <input type="checkbox"/> BODY | <input type="checkbox"/> 1 <input type="checkbox"/> SKIN |
| <input checked="" type="checkbox"/> 1 <input type="checkbox"/> MISC. WELDIN | <input type="checkbox"/> 1 <input type="checkbox"/> _____ | <input type="checkbox"/> 1 <input type="checkbox"/> _____ |

INSPECTOR'S INITIALS AB

Material Type	Approved Data
<input checked="" type="checkbox"/> 347 SS FILLER ROD	<input checked="" type="checkbox"/> 43.13-1B
<input checked="" type="checkbox"/> 321 SS	<input type="checkbox"/> MANUFACTURER'S MANUAL
<input type="checkbox"/> 4130 CHROMALLY	<input type="checkbox"/> AIR CARRIER'S MANUAL
<input type="checkbox"/> 4130 ROD	<input type="checkbox"/> _____
<input type="checkbox"/> INCONEL	<input type="checkbox"/> _____
<input type="checkbox"/> INCONEL ROD	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input type="checkbox"/> _____	<input type="checkbox"/> _____

AEROSPACE WELDING MINNEAPOLIS, INC.

12124 12th Ave. South, Burnsville, MN 55337 952-890-1511

FAA Repair Station #UWDR792L

111047

Form 100

NAME AVTECH KY		S/N AWM 111047	Job: 3061E
ADDRESS 7079 AIRPORT RD		CITY MAYSVILLE KY 41056	Preliminary Date 10/19/2007 <i>AB</i> Hidden Damage Date 10/19/2007 <i>AB</i> In Progress Date 10/19/2007 <i>AB</i> Final Date 10/19/2007 <i>AB</i>
Make & Model CIRRUS SR20	Part Number 11884-002		
Unit Description SEE BELOW			
Registration No.			

CUSTOMER SERVICES REQUESTED

DESCRIPTION: HEAT EXCHANGER

<input checked="" type="checkbox"/> REPAIRS	<input type="checkbox"/> _____	<input type="checkbox"/> _____	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> A.D. NOTES	<input type="checkbox"/> DIE PENETRANT	<input type="checkbox"/> CORROSION PROTECT NEW TUBE	<input type="checkbox"/> _____
<input checked="" type="checkbox"/> PRESSURE TEST	<input type="checkbox"/> DEMAGNETIZE	<input type="checkbox"/> PRIMER COAT	<input type="checkbox"/> _____


MAINTENANCE RELEASE

The aircraft/component identified hereon was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for Return to Service. Pertinent details of the repair are on file at this agency

AUTHORIZED AND CONDITIONS AGREED TO AS STATED ABOVE

BY *[Signature]* DATE 10/19/2007

Install 10-30-06 Hobbs 679 Right

1. Approving National Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 5055N/163	
4. Organization Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602				Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140		5. Work Order, Contract, Invoice or Pick No: DIDS5055N12 0 Page Attached	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1.	15X6.0-6/6/160 Aircraft Tire	061-501-0	TSO Article N/A	1	5056W00309	New	
13. Remarks : DIRECT SHIPMENT AUTHORIZATION							
Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 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: DMIR 511126 CE		20. Authorized Signature: NA		21. Approval Certificate Number: NA	
17. Name (typed or printed): M. Anant Renseb		18. Date: 28-Feb-05		22. Name (typed or printed): NA		23. Date: NA	
User/Installer Responsibilities							
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.							
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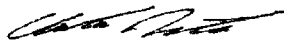
1. Approving National Aviation Authority/Country: FAA/UNITED STATES	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 111047
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4. Organization Name and Address: Aerospace Welding Minneapolis, Inc. 12124 12th Avenue South Burnsville MN 55337	5. Work Order/Contract/Invoice Number 111047
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6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	HEAT MUFFLER	11884-002	N/A	1 each	111047	REPAIRED

13. Remarks:
REF: WORK ORDER #111047.

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.: UWDR792L
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): Andrew Levitan	23. Date (m/d/y): 10/19/2007

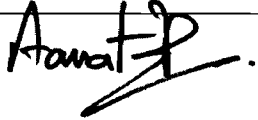
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Left

1. Approving National Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 5055N/107			
4. Organization <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"> Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602 </td> <td style="width: 50%;"> Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140 </td> </tr> </table>						Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602	Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140	5. Work Order, Contract, Invoice or Pick No: DIDS5055N12 0 Page Attached	
Michelin Aircraft Tire Corp. 515 Michelin Road, Building 56 Greenville, SC 29602	Michelin Aircraft Tyre – Siam Tyre Industry Co.,Ltd 57 Moo 6 Nongplakradee Rd., Nongplamore, Nongkhae, Saraburi 18140								
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:			
1.	15X6.0-6/6/160 Aircraft Tire	061-501-0	TSO Article N/A	1	5056W00119	New			
13. Remarks. : DIRECT SHIPMENT AUTHORIZATION									
Limited life parts must normally be accompanied by maintenance history including total time/total cycle/time since new.									
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			<input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 19 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: DMIR 511126 CE		20. Authorized Signature: NA		21. Approval Certificate Number: NA			
17. Name (typed or printed): M. Anant Renseb		18. Date: 28-Feb-05		22. Name (typed or printed): NA		23. Date: NA			
User/Installer Responsibilities									
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MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020

For FAA Use Only
Office Identification

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

1. Aircraft	Make CIRUS	Model SR-20
	Serial No. 1367	Nationality and Registration Mark N927PP
2. Owner	Name (As shown on registration certificate) VECTRAYX AVIATION	Address (As shown on registration certificate) 1231 HOWARD MILL RD GLEN ALLEN, VA. 23059-1542

3. For FAA Use Only

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				
POWERPLANT	TLM	IO360ES6	357636		X
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address KEVIN SPURRELL 220 W. MAGNOLIA DR. WEST POINT, VA. 23181	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. AP3162951
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 5/16/2008	Signature of Authorized Individual
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7. Approval for Return To Service

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

BY	FAA Fit Standards Inspector	Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 5-16-08		Certificate or Designation No. AP3270184FA	Signature of Authorized Individual 	



US Department
of Transportation
Federal Aviation
Administration

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

Form Approval
ONB No. 2120-0020

For FAA Use Only

Office Identification

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

1. Aircraft	Make Cirrus	Model SR20
	Serial No. 1367	Nationality and Registration Mark N8152N
2. Owner	Name (As shown on registration certificate) Parish Partners, Inc.	Address (As shown on registration certificate) 20525E. Mountain Country Lane Brightwood, OR 97011

3. For FAA Use Only

4. Unit Identification

5. Type

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

6. Conformity Statement

A. Agency's Name and Address Hillsboro Aviation 3565 NE Cornell Rd. Hillsboro, OR 97124	B. Kind of Agency		C. Certificate No. LJER093G Airframe 1 & 3 Radio 1,2 and Limited 3 Limited Instrument
	<input type="checkbox"/>	U.S. Certificated Mechanic	
	<input type="checkbox"/>	Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/>	Certificated Repair Station	
	<input type="checkbox"/>	Manufacturer	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation regulations and that the information furnished herein is true and correct to the best of my knowledge.

Date 12/11/03	Signature of Authorized Individual Rudy Lotz
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7. Approval for Return To Service

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

BY	FAA Fit. Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	X Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 12/11/03		Certificate or Designation No. LJER093G	Signature of Authorized Individual Rudy Lotz 	

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 aircraft nationality and registration mark and date work completed.)

Installed Precise Flight Inc. Model KT4630-A4, semi-portable oxygen system in accordance with STC SA01232SE utilizing Precise Flight Engineering Drawing List 003N0000 Revision E.

Instructions for continued airworthiness are contained in Airplane Flight Manual Supplement , Section 9.

Weight and balance effected as follows :

Added 13.0 Lbs, Arm 130, Moment 2210.

Weight and balance form and equipment list were updated.

Airplane Flight Manual Supplement was inserted into Aircraft Flight Manual

/ _____ Nothing Follows _____ /

Additional Sheets Are Attached

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA01232SE

This certificate, issued to **Precise Flight Inc.
63120 Powell Butte Road
Bend, OR 97701**

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

Original Product—Type Certificate Number: A00009CH
Make: Cirrus Design Corporation
Model: SR20, SR22

Description of the Type Design Change: Installation of a semi-portable oxygen system manufactured in accordance with Precise Flight Engineering Drawing Lists 003N0000, Revision C, dated July 9, 2003; 010N0000, Revision E, dated July 10, 2003; 015N0000, Revision C, dated July 15, 2003; 020N0000, Revision D, dated July 16, 2003; 025N0000, Revision A, dated July 14, 2003; and 026N0000, Revision A, dated July 16, 2003; 027N0000, Revision -, dated July 16, 2003, or later FAA Approved Revisions. Installation in accordance with Precise Flight Engineering Drawing List 003N0000, Revision C, or later FAA Approved Revision. Maintained in accordance with the Instructions for Continued Airworthiness located in the Airplane Flight Manual Supplement (AFMS), Section 9, or later FAA approved revision or document.

Limitations and Conditions: Approval of this change in type design applies to the above model aircraft only. This approval should not be extended to other aircraft on which other previously approved modifications are incorporated unless it is determined that the relationship between this change and any of those other previously approved modifications, including changes in type design, will introduce no adverse effect upon the airworthiness of that aircraft. A copy of this Certificate and FAA approved AFMS, Precise Flight, Inc. Document 003NMAN0001, Revision -, dated June 27, 2003, or later FAA approved revisions, must be maintained as part of the permanent records for the modified aircraft. This STC permits the maximum operating altitude of the SR20 and SR22 to be changed to 17,500 feet as depicted in the type certificate data sheet.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

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: July 6, 2002

Date reissued:

Date of issuance: June 27, 2003

Date amended: July 18, 2003



By direction of the Administrator

[Handwritten Signature]

(Signature)

Acting Manager, Seattle Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with...

12/04/07 HOBBS: 801.6 N927PP SR20 S/N 1367 W.O. P19911W
REMOVED TRANSDUCER P/N 12722-001S; S/N 22207A AND INSTALLED REBUILT TRANSDUCER P/N 0111
(P/N 12722-001S); S/N 0537-34934AA REFERENCE 8130-3 S-TEC CORP CRS# FF2R818K WORK ORDER
R000054811 DATED 10-16-07. REMOVED AUTOPILOT COMPUTER P/N 01192-4-53-30P; S/N 6154 AND
INSTALLED REPAIRED AUTOPILOT COMPUTER P/N 01192-4-53-30P; S/N 6154 REFERENCE CIRRUS SR20
MAINTENANCE MANUAL. REFERENCE 8130-3 S-TEC CORP WORK ORDER R000055516 CRS# FF2R818K
DATED 11-14-07. PERFORMED ANTENNA RECALIBRATION PER SKY497 INSTALL MANUAL P/N 009-10800-
001 REVISION F. COMPLIED WITH SYSTEM CHECKS; ALL CHECKS SATISFACTORY AT THIS TIME.

THE MAINTENANCE OPERATIONS DESCRIBED HEREIN WERE INSPECTED AND, WITH RESPECT TO THE
WORK PERFORMED, THE AIRCRAFT AND/OR COMPONENTS WAS FOUND AIRWORTHY AND IS
APPROVED FOR RETURN TO SERVICE FOR DISCREPANT ITEMS LISTED. DETAILS ARE ON FILE UNDER
THE ABOVE REFERENCED WORK ORDER.

SIGNED  FOR
EAGLE CREEK AVIATION SERVICES, INC. - FAA CERTIFICATED
REPAIR STATION MV5R055N

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 0254	
4. Organization Name and Address: Teledyne Continental Motors				Customer Service Center 8600 County Road 32 Fairhope, AL 36532		5. Work Order/Contract/Invoice Number: WO 3052	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
0001	Cylinder and valve assembly	655479A11	TBV By Installer	6.00	SEE 13. REMARKS:	Repaired	
13. Remarks: Repaired 6 cylinders removed from engine IO360ES6, S/N 357636. Details of the repairs made to these cylinders is on file under Work Order 3052. Cylinder serial numbers: #1 - AC03GA125, #2 - AC03GA147, #3 - AC03GA158, #4 - AC03GA148, #5 - AC03GA544, #6 - AC03GA496.							
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.: ID4R254M	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Michael C. Lindsay		23. Date (m/d/y): 09/13/2006	
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.</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 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>							

TCM Engine Model	10-360ES6B
TCM Serial#	357636
Test Document	TH-3209 Rev F
Software Release#	1.98, 05/13/04
Start Time	9/19/06, 08:14:15
Accepted Time	9/19/06, 11:54:43
Cell# & Operator	3, Repair Statlon (31581)
Sea Level Power	210 HP @ 2800 Prop RPM
Vapor Pressure	0.83 In HG
Temp, Wet Baro	83.91 F, 29.95 In HG

Teledyne Continental Motors

Aircraft Engine Standard Acceptance

Test Log

Test Club#	C3023A
Rqrd Pitch	14° ± .5°
Actual Pitch	14°
Mixture Check	Pass
Alternator Check	

Mag Data	Required	Actual
Eng Speed Both	2100	2092
Eng Speed Right	N/A	2009
Right Mag Drop	150	83
Eng Speed Left	N/A	2009
Left Mag Drop	150	83
Mag Drop Spread	50	0
Fuel Flow (Ref.)	45	42

Note: Magneto check between Run 2 & 3

Run Information	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8
Time Of Day	08:49:32	08:50:48	09:30:23	09:43:21	09:52:30	10:06:30	10:40:55	11:46:56
Run Time Rqd (MM:SS)	01:00	01:00	01:00	10:00	10:00	01:00	10:00	05:00
Run Time	01:00	01:00	02:26	10:00	10:00	01:32	10:00	05:00
Prop Speed Rqd (RPM)	1175-1225	1575-1625	2425-2475	2828-2878	2585-2610	575-625	2581-2606	2584-2609
Prop Speed	1199	1599	2449	2845	2596	625	2595	2594
Manifold Press Rqd (InHg)	N/A	N/A	N/A	26.1-29.1	N/A	21.0 MAX	N/A	N/A
Manifold Press	11.9	15.6	23.5	28.1	24.5	13.8	24.5	24.6
Turbo Dis Press Rqd (InHg)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Turbo Dis Press	28.9	28.9	28.9	28.9	29.0	29.0	28.9	29.0
Fuel Flow Rqd (lb/hr)	N/A	N/A	N/A	101.9-107.9	72.9-84.9	N/A	N/A	N/A
Fuel Flow	14.9	25.3	67.4	107.5	74.9	5.0	75.3	75.2
Nozzle Press Rqd (PSID)	N/A	N/A	N/A	15.6-16.6	9.0-11.0	N/A	N/A	N/A
Nozzle Press	4.4	4.9	9.0	16.6	10.7	3.9	10.7	10.7
Fuel Pump Press Rqd (PSIG)	N/A	N/A	N/A	22.5 REF	N/A	7.0-9.0	N/A	N/A
Fuel Pump Press	11.8	14.6	22.9	25.8	23.7	8.7	23.8	23.8
Fuel Temp Rqd (°F)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fuel Temp	73	67	63	63	66	70	64	64
Ambient Temp Rqd (°F)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Ambient Temp	79	80	82	83	85	82	82	85
Eng Inlet Oil Temp Rqd (°F)	90-240	120-240	165-240	180-240	165-240	140-240	165-240	165-240
Eng Inlet Oil Temp	107	124	165	180	193	179	165	165
Eng Oil Press Rqd (PSIG)	30.0 MIN	30.0 MIN	30.0 MIN	44.9-75.4	30.0 MIN	17.0 MIN	30.0 MIN	30.0 MIN
Eng Oil Press	62.6	66.7	58.0	55.4	52.7	34.1	59.4	59.9
Min Cylinder Temp Rqd (°F)	150 MIN	175 MIN	250 MIN	250 MIN	250 MIN	N/A	250 MIN	250 MIN
Max Cylinder Temp Rqd (°F)	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX	460 MAX
Cylinder 1 Temp <i>80/72</i>	160	199	273	278	296	225	277	278
Cylinder 2 Temp <i>80/72</i>	179	220	325	361	361	232	336	342
Cylinder 3 Temp <i>80/73</i>	204	255	340	371	394	268	352	352
Cylinder 4 Temp <i>80/71</i>	184	232	356	389	409	237	367	369
Cylinder 5 Temp <i>80/79</i>	175	225	317	353	351	232	333	333
Cylinder 6 Temp <i>80/72</i>	153	191	299	325	328	209	310	313
Collar Press Differential Rqd (PSID)	N/A	N/A	N/A	33.2 MIN	N/A	N/A	N/A	N/A
Collar Press Differential	60.9	65.1	56.5	53.8	51.2	32.7	57.9	58.4



Teledyne Continental Motors, Inc.
 2039 BROAD STREET, BUILDING 96
 MOBILE, ALABAMA 36615

ENGINE COMPONET SERIAL NUMBERS

FAA REPAIR STATION: TLYR435X

WORK ORDER # 7506WR37

MODEL: IO-360-ES 6

ENGINE S/N: 357636

DATE: 9-19-06

COMPONET	SERIAL NUMBER	COMPONET	SERIAL NUMBER
CYLINDER 1	AC03GA125	ALTERNATOR	N/A
CYLINDER 2	AC03GA147	GENERATOR	N/A
CYLINDER 3	AC03GA158	CAMSHAFT	Z03FA035
CYLINDER 4	AC03GA148	CRANKSHAFT	N03EA201
CYLINDER 5	AC06GA544	CRANKCASE	S05LA0910
CYLINDER 6	AC03GA496	CARBURETOR	N/A
CON-ROD 1	AE06AA723	FUEL PUMP	B03HA164
CON-ROD 2	AE06AA719	MANIFOLD VALVE	C03HA160
CON ROD 3	AE06AA604	METERING UNIT	A03HA157
CON ROD 4	AE06AA605	NOZZLE SIZE	TUNED
CON ROD 5	AE06AA788	OIL COOLER	D03-2152-186
CON ROD 6	AE06AA789	STARTER	02-343-0012
ROCKER ARM 1 INT.	N/A	STARTER ADAPTOR	N/A
ROCKER ARM 1 EXH	N/A	TURBOCHARGER (L)	N/A
ROCKER ARM 2 INT.	N/A	TURBOCHARGER (R)	N/A
ROCKER ARM 2 EXH	N/A	TURBO CONTROLLER	N/A
ROCKER ARM 3 INT.	N/A	WASTEGATE	N/A
ROCKER ARM 3 EXH	N/A	INNERCOOLER	N/A
ROCKER ARM 4 INT.	N/A	OVERBOOST VALVE	N/A
ROCKER ARM 4 EXH	N/A	RIGHT MAG *	04081296
ROCKER ARM 5 INT.	N/A	LEFT MAG *	03071350
ROCKER ARM 5 EXH	N/A	DRIVE GEAR (GT)	N/A
ROCKER ARM 6 INT.	N/A	DRIVEN GEAR (GT)	N/A
ROCKER ARM 6 EXH	N/A		

* CHECK MAGNETO DATES AND HOURS FOR COMPLIANCE WITH INSTRUCTION FOR CONTINUED AIRWORTHINESS PUBLISHED BY MANUFACTURER.

COMMENTS: _____

FORM RS-WO-3 (JAN 04)



Teledyne Continental Motors, Inc.
 2039 BROAD STREET, BUILDING 96
 MOBILE, ALABAMA 36615

ENGINE REPAIR OR OVERHAUL WORK ORDER

FAA REPAIR STATION: TLYR435X

WORK ORDER #: 7506WR37

DATE WORK RECEIVED: 7-31-06	DATE WORK COMPLETED: 9-19-06
ENGINE MODEL: IO-360-ES 6	OWNER: Wade Goggins % Tri-State Aero
ENGINE SERIAL NUMBER: 357636	ADDRESS: 6101 Flightline Drive
ENGINE TOTAL TIME: 661.9	CITY: Evansville STATE: IN ZIP: 47725
	PHONE (H) PHONE (W) 812-426-1221
DESCRIPTION OF WORK TO BE ACCOMPLISHED: (NUMBER EACH ITEM)	CORRECTIVE ACTION TAKEN
1. As reported, crankcase cracked at upper aft alternator mount bracket boss.	Engine disassembled, cleaned, inspected, repaired as required and reassembled IAW TCM's Instructions for Continued Airworthiness. Engine assembled IAW TCM's ICA's using new crankcase P/N 653681A9, S/N S05LA090, new gaskets, seals, "O" rings, lock tabs, main bearings, thrust washers, rod bearings, rod bolts, rod nuts, piston pins and hardware as required. MECHANIC: R. Bryant INSPECTOR: F. Cole
2. Check AD's and SB's for applicability and compliance.	Checked AD's and SB's for applicability and compliance. See AD and SB listing for details. MECHANIC: R. Bryant INSPECTOR: F. Cole
3. Ignition harness has numerous frayed leads	Replaced with new harness P/N 643249 MECHANIC: R. Bryant INSPECTOR: F. Cole
4. Manifold valve support bracket broken.	Replaced with new support bracket P/N 646507. MECHANIC: R. Bryant INSPECTOR: F. Cole
5. Fuel Injection nozzle shrouds loose, all nozzles.	Replaced with new tuned nozzle Kit P/N 632147A3. MECHANIC: R. Bryant INSPECTOR: F. Cole
6. Lifter follower facers distressed.	Replaced with new lifters P/N 653906. MECHANIC: R. Bryant INSPECTOR: F. Cole

TCM SERVICE BULLETINS FOR ENGINE MODEL: I03603S6B S/N 357636 09/11/2006

Bulletin #	Date :	Subject:	Action:
SB06-5	2006-05-25	CRANKSHAFT OIL TRANSFER TUBE INSPECTION AND REPLACEMENT	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SB96-11A	2005-10-25	PROPELLER STRIKES AND HYDRAULIC LOCKS	N/A
SB95-3B	2005-10-25	ALTERNATOR / GENERATOR DRIVE COUPLING	N/A
SIL99-2B	2005-10-20	CURRENT LISTING OF SEALANTS, LUBRICANTS & ADHESIVES AUTHORIZED BY TCM	N/A
SB05-9	2005-10-20	SLICK SERVICE BULLETIN SB1-88B	N/A BY SLICK MAGNETO MODEL 6314 INSTALLED
SID05-7	2005-06-24	TELEDYNE CONTINENTAL MOTORS (TCM) POSITION TUNED FUEL INJECTION NOZZLES	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SB643B	2005-04-12	MAINTENANCE INTERVALS FOR ALL TCM AND BENDIX AIRCRAFT MAGNETOS AND RELATED EQUIPMENT	N/A BY SLICK MAGNETOS INSTALLED
SIL642B	2005-03-10	MANUFACTURING NUMBER (SERIAL NUMBER) INTERPRETATION	N/A
SID97-3C	2005-02-28	PROCEDURES AND SPECIFICATIONS FOR ADJUSTMENT OF TELEDYNE CONTINENTAL MOTORS (TCM) CONTINUOUS FLOW FUEL INJECTION SYSTEMS	C/W AT ENGINE TEST @ 661.9 HRS.
SB96-7C	2005-02-09	TORQUE LIMITS	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SB05-2	2005-02-09	OVERSPEED LIMITATIONS	N/A
SIL05-3	2005-02-09	ENGINE SPECIFICATION NUMBERS	N/A
SB04-11	2004-11-02	VALVE GUIDE APPLICATION, INSTALLATION AND REAMING PROCEDURES	N/A
SIL04-12	2004-11-02	TCM AUTHORIZED ENGINE ADJUSTMENTS, COMPONENT REPLACEMENT AND REPOSITIONING OF FITTING ORIENTATION (OEM AND CONVERTERS)	N/A
SIL00-9A	2004-09-10	ENGINE DATA PLATES	N/A
CSB04-5A	2004-08-30	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEMS CRITICAL SERVICE BULLETIN CSB665A	N/A BY SLICK MAGNETOS INSTALLED
SIL00-11B	2004-05-24	RELEASE OF NEW CYLINDER INDUCTION PORT DRAIN CONNECTOR	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.

Bulletin #	Date :	Subject:	Action:
SID97-2B	2004-04-19	THIS SERVICE INFORMATION DIRECTIVE (SID) SUMMARIZES INFORMATION PERTINENT TO THE DESIGN, OPERATION, MAINTENANCE AND WARRANTY FOR TCM CYLINDERS	N/A
SIL04-2	2004-03-30	CYLINDER BARRELL ULTRASONIC INSPECTION	N/A BY ENGINE DATE OF MANUFACTURE
SIL98-9A	2003-03-28	TIME BETWEEN OVERHAUL PERIODS. (TBO)	N/A
SB03-3	2003-03-28	DIFFERENTIAL PRESSURE TEST AND BORESCOPE INSPECTION PROCEDURES FOR CYLINDERS.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SIL03-1	2003-01-28	COLD WEATHER OPERATION - ENGINE PREHEATING	N/A
SIL02-6A	2002-10-25	PRODUCTION RELEASE OF OPTIONAL INTAKE AND EXHAUST VALVES.	N/A
CSB02-8	2002-09-06	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEM CRITICAL SERVICE BULLETIN CSB664.	N/A BY SLICK MAGNETOS INSTALLED
CSB664	2002-09-06	MAGNETO CAPACITOR P/N 10-400558 REPLACEMENT.	N/A BY SLICK MAGNETOS INSTALLED
SIL02-4	2002-04-02	PRODUCTION RELEASE OF NEW LIGHT WEIGHT STARTER MOTORS.	LIGHT WEIGHT STARTER INSTALLED
MSB00-5D	2001-10-17	CRANKSHAFT MATERIAL INSPECTION.	N/A BY CRANKSHAFT DATE OF MANUFACTURE AND S/N N03EA201
CSB01-1	2001-04-25	FUEL PUMP INSPECTION AND SEAL LEAK TEST.	N/A BY FUEL PUMP DATE OF MANUFACTURE AND S/N B03HA164
SIL00-7A	2001-02-05	OIL GAUGE ROD APPLICATION.	N/A
SB00-10	2000-12-19	FUEL PUMP SEAL P/N 649198.	N/A
MSB00-6A	2000-06-08	SLICK SERVICE BULLETIN SB 1-00A.	N/A BY MAGNETOS DATE OF MANUFACTURE AND S/N'S 03071350/04081296
SB00-4A	2000-03-07	AUSTRALIAN AVGAS CONTAMINATION.	N/A
SB99-8	1999-11-18	ENGINE FUEL INJECTION SYSTEM PRESERVATION.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SIL661	1999-09-15	BL - PREFIX MARKING ON REBUILT MAGNETOS AND REBUILT D-3000 IGNITION SYSTEMS.	N/A
SIL98-6B	1999-08-23	FUEL INJECTION SYSTEM APPLICATION GUIDE.	N/A
SID97-4C	1999-04-01	CYLINDER BORE AND PISTON FIT SPECIFICATIONS.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.

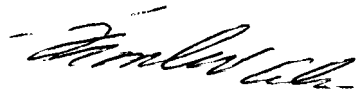
Bulletin #	Date :	Subject:	Action:
SIL99-1	1999-03-25	ENGINE PRESERVATION FOR ACTIVE AND STORED AIRCRAFT.	C/W AT ENGINE PACK @ 661.9 HRS.
SB98-8	1998-10-22	NUMBER ONE AND THREE CYLINDER INTAKE TUBE MODIFICATION.	N/A BY ENGINE DATE OF MANUFACTURE
CSB98-1B	1998-06-01	INTAKE AND EXHAUST VALVE INSPECTION.	N/A BY ENGINE DATE OF MANUFACTURE
SB660	1997-12-05	POSSIBLE MALFUNCTION IN CERTAIN PUSH-TO-START IGNITION/STARTER SWITCHES.	N/A
SB97-15	1997-12-05	TCM IGNITION SYSTEM SERVICE BULLETIN SB660.	N/A BY SLICK MAGNETOS INSTALLED
SIL657A	1997-10-09	SUPERSEDURE OF P/N 10-163136 AND 10-361638 COVERS AND OF 10-361637 COVER KIT.	N/A BY SLICK MAGNETOS INSTALLED
CSB97-10A	1997-07-15	PISTON PIN PLUG WEAR.	N/A BY ENGINE DATE OF MANUFACTURE
SB97-6	1997-04-07	MANDATORY REPLACEMENT PARTS.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SIL97-1	1997-01-03	AIRWORTHINESS LIMITATIONS.	N/A
SB654A	1996-11-15	IMPROVED CAPACITOR, P/N 10-400604, FOR CERTAIN SHORT COVER S-20 AND S-200 SERIES MAGNETOS.	N/A BY SLICK MAGNETOS INSTALLED
CSB96-13	1996-11-14	I0-360, TSIO-360 AND LTSIO-360 SERIES ENGINE CONNECTING ROD INSPECTION AND REPLACEMENT.	N/A BY I0360ES NOT INCLUDED IN BULLETIN
MSB94-8A	1996-10-09	MAGNETO TO ENGINE TIMING.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SB96-12	1996-09-10	CONTINUED AIRWORTHINESS INSTRUCTIONS FOR TCM CYLINDERS.	C/W PART 1 AT ENGINE REPAIR @ 661.9 HRS. COMPLY WITH PART 2 AT OVERHAUL
SB658	1996-08-16	DISTRIBUTOR GEAR MAINTENANCE.	N/A BY SLICK MAGNETOS INSTALLED
MSB96-10	1996-08-15	CRANKSHAFT ULTRASONIC INSPECTION.	C/W U/T AT ENGINE REPAIR @ 661.9 HRS. NO INDICATIONS NOTED
CSB96-8	1996-06-25	REPLACEMENT OF AIRMELT (NON-VAR) CRANKSHAFTS	C/W AT ENGINE ASSEMBLY @ 661.9 HRS. C/S IS V.A.R. FORGING
SIL656	1996-05-17	RELAY VIBRATOR SUPERSEDURE	N/A
SID96-6	1996-05-03	TCM IGNITION SYSTEMS SERVICE BULLETIN SB653.	N/A BY SLICK MAGNETOS INSTALLED
SB96-4	1996-04-12	IMPROVED OIL PUMP GEARS AND SUCTION SCREENS	N/A BY GEAR AND SCREEN ALREADY INSTALLED

Bulletin #	Date :	Subject:	Action:
CSB96-5	1996-04-12	OIL PUMP DRIVE GEARS, P/N 649506 AND 649681	N/A BY I0360ES NOT INCLUDED IN BULLETIN
SB9S-7	1995-12-08	MANIFOLD VALVE COVER INSPECTION	N/A
SIL95-5	1995-08-30	HOSE AND TUBING INSTALLATION.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
CSB9S-4	1995-08-10	INTAKE VALVE GUIDE SEAL P/N 646678 INSPECTION	N/A BY ENGINE DATE OF MANUFACTURE
SB653	1995-05-23	HOT MAGNETO TEST	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SB9S-2	1995-04-21	INSPECTION AND MAINTENANCE OF ENGINE CONTROL CABLES AND LINKAGE.	N/A
SB650	1995-03-17	STOP PIN PROCEDURES	N/A BY SLICK MAGNETO INSTALLED
SIL648	1994-10-18	OPTIONAL CONVERSION TO "SHOWER-OF-SPARKS" IGNITION	N/A
SIL647	1994-10-03	SC-20 AND SC-200 SERIES MAGNETO PRODUCT LINE	N/A BY SLICK MAGNETO INSTALLED
SIL646	1994-09-14	HISTORY OF THE REQUIREMENT TO REPLACE MAGNETO COILS AND ROTATING MAGNETS.	N/A
SIL94-5	1994-06-14	MOBIL AV1 OIL	N/A
MSB645	1994-04-04	INSPECTION OF RIVETED IMPULSE COUPLINGS AND STOP PINS	N/A BY SLICK MAGNETOS INSTALLED
MSB644	1994-04-04	REPLACEMENT OF MAGNETO COILS AND ROTATING MAGNETS	N/A BY SLICK MAGNETOS INSTALLED
SB94-2	1994-02-10	OIL FILTER ADAPTER MOUNTING STUD	N/A BY ENGINE DATE OF MANUFACTURE
SIL640	1994-02-01	NEW SERVICE DOCUMENT FORMAT	N/A
CSB94-1	1994-02-01	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEMS SERVICE BULLETIN - No. CSB641	N/A BY SLICK MAGNETOS INSTALLED
CSB641	1994-02-01	POSSIBLE OPEN CONDITION OF SC-20, SC-200 AND S-1200 SERIES MAGNETO CAPACITOR, P/N 10-349276.	N/A BY SLICK MAGNETOS INSTALLED
SIL93-15	1993-09-13	GENERAL PRACTICES FOR USE OF LOCK WIRE, TAB WASHERS AND COTTER PINS.	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
SIL93-14	1993-08-17	CFC WARNING STATEMENT	N/A
SIL93-11	1993-05-12	NEW SERVICE DOCUMENT FORMAT	N/A

Bulletin #	Date :	Subject:	Action:
M93-10	1993-03-01	TCM IGNITION SYSTEMS SERVICE BULLETIN NO. 639	N/A BY SLICK MAGNETOS INSTALLED
639	1993-03-01	PROPER INSTALLATION OF IMPULSE COUPLINGS	N/A BY SLICK MAGNETOS INSTALLED
M93-8	1993-02-19	ROCKER ARM TO ROTOCOIL CLEARANCE	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
M93-4	1993-02-12	CRANKSHAFT COUNTERWEIGHTS	COMPLY WITH AT ENGINE OVERHAUL
M92-10	1992-08-14	STARTER ADAPTER	N/A BY STARTER ADAPTER P/N 646220 INSTALLED
636	1992-08-01	BENDIX/TCM IGNITION SWITCH INSPECTION	N/A
M92-7	1992-05-26	CRANKCASE CYLINDER DECK STUDS	N/A
M92-4R1	1992-02-05	IO AND L/TSIO360 ROCKER SHAFT STUD INSPECTION	N/A BY IO360ES NOT INCLUDED IN BULLETIN
M91-9	1991-08-09	CAM AND LIFTER LUBRICATION DURING ENGINE BUILD	C/W AT ENGINE ASSEMBLY @ 661.9 HRS.
635	1991-05-01	GOLD SEAL HARNESS	N/A
634	1990-12-01	REPLACEMENT OF P/N 10-357173 BREAKER ASSEMBLIES EXHIBITING BATCH CODE 0690 AND P/N 10-357174 BREAKER ASSEMBLIES EXHIBITING BATCH CODE 4289 THROUGH 1790 OR SUBJECT BREAKERS P/N WITH	N/A
M90-17	1990-08-23	CRANKCASE INSPECTION CRITERIA	N/A BY ENGINE DATE OF MANUFACTURE
M90-14	1990-08-07	CHAMPION AVIATION ACTION ALERT 90-1.	N/A BY OIL FILTER P/N CH48108-1(649922) AND DATE CODE @ 661.9 HRS.
M90-13	1990-07-16	EXHAUST VALVE STEM CORROSION/EROSION	N/A
631	1989-09-01	RECOMMENDED LUBRICANT FOR TAPERED DRIVE ON TCM MAGNETOS	N/A BY SLICK MAGNETOS INSTALLED
M89-18	1989-08-10	EXHAUST GAS TEMPERATURE (E.G.T.) RECOMMENDATIONS FOR STANDARD ENGINES (Leaning Lean)	N/A
M89-9	1989-04-21	EXCESSIVE CRANKCASE PRESSURES	N/A
M88-10	1988-08-24	CONTAMINATED FUELS	N/A
M88-9	1988-08-24	LIGHTNING STRIKES	N/A
M88-4	1988-01-15	TCM PRO-TECH OIL FILTER	N/A BY OIL FILTER P/N 649922 INSTALLED @ 661.9 HRS.

Bulletin #	Date :	Subject:	Action:
M87-23	1987-11-24	CRANKSHAFT COUNTERWEIGHT IDENTIFICATION AT OVERHAUL	N/A
M87-16	1987-08-14	SLICK SERVICE BULLETIN SB1-86A	N/A BY SLICK MAGNETOS MODEL 6314 INSTALLED
M87-15	1987-07-13	ALTERNATOR GROUND STRAP	N/A
M87-8	1987-02-26	EXHAUST VALVE INSPECTION	N/A
623A	1984-08-01	INSPECTION OF IMPULSE COUPLING CAM ASSEMBLIES	N/A BY SLICK MAGNETOS INSTALLED
M83-5	1983-03-07	SLICK SERVICE BULLETIN 3-82	N/A BY SLICK MAGNETOS MODEL 6314 INSTALLED
M81-25	1981-11-30	EXHAUST FLANGE TO CYLINDER INSTALLATION PROCEDURES	N/A
614	1981-02-01	REPAIR OF CERTAIN STARTING VIBRATORS UTILIZING "5" CONTACT BUSHING (CONNECTOR)	N/A
M80-18	1980-09-02	MODIFIED BREATHER SYSTEM	N/A BY ENGINE DATE OF MANUFACTURE
583	1976-04-01	IGNITION SWITCHES, ROTARY ACTION, KEY OR LEVER ACTUATED, TWIST-TO-START, PUSH-TO-START, TWIST-TO-START/PUSH-TO-PRIME TYPES.	N/A
M76-4	1976-03-12	INSTALLATION INSTRUCTIONS FOR PROPELLER SHAFT OR CRANKSHAFT OIL SEALS	N/A
556C	1975-07-01	SHOULDERED MAGNETO DRIVE SHAFT BUSHING, CHANGE FROM SINTERED IRON TO MACHINED STEEL.	N/A
M74-18	1974-09-16	COMPLIANCE WITH SLICK BULLETIN 1-74	N/A BY SLICK MAGNETOS MODEL 6314 INSTALLED
M71-14	1971-06-21	SLICK SERVICE BULLETIN NO. 1-71	N/A BY SLICK MAGNETOS MODEL 6314 INSTALLED
M70-11	1970-06-22	SLICK ELECTRO BULLETIN 1-70	N/A BY SLICK MAGNETOS MODEL 6314 INSTALLED
M64-18	1968-10-07	FIELD CONVERSION TO TURBOCHARGING OF CONTINENTAL AIRCRAFT ENGINES	N/A

Frank W. Cole
Chief Inspector
T.C.M. Repair Station: Repairman Certificate #2789274

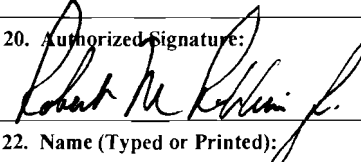


1. Approving National Aviation Authority/Country: FAA/United States	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: RGA54204
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4. Organization Name and Address: Teledyne Continental Motors; 2039 Broad Street, Building 96; Mobile, AL 36615	5. Work Order/Contract/Invoice Number: 7506WR37
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6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	Engine	IO-360-ES 6 B	TBV by installer	1	357636	Repaired

13. Remarks: This engine has been disassembled, cleaned, inspected, repaired as required and reassembled in accordance with Teledyne Continental Motors Instructions for Continued Airworthiness. Engine assembled with new crankcase P/N 653681A9, S/N S05LA090, new seals, gaskets, "O" rings, lock tabs, main bearings, thrust washers, connecting rod bearings, connecting rod bolts and nuts, new piston pins and hardware as required. Installed 12 new lifters P/N 653906. Installed new connecting rods P/N 654793A1 S/N's AE06AA723, AE06AA719, AE06AA604, AE06AA605, AE06AA788, AE06AA789. Cylinders repaired and fitted with new piston rings by TCM Mattituck Services, see 8130-3. Installed new ignition harness P/N 643249. Installed new manifold valve support bracket P/N 646507. Installed new tuned fuel injection nozzle kit P/N 632147A3. Installed new alternator mount bracket P/N 657046 and new thru bolt P/N 652420-9.80. Complied with AD 97-26-17, Crankshaft Inspection, by visual, magnetic particle and Ultrasonic Inspection, no indications noted, crankshaft is VAR forging. Complied with AD 93-10-02, Cylinder valve retainer key installation, by visual inspection at engine assembly, all retainers correctly installed. Engine tested in accordance with TCM's standard production acceptance test procedure and accepted. I certify that this engine has been inspected and repaired as indicated above and was determined to be airworthy with respect to the work performed. Details of repair on file at this repair station. Engine total time = 661.9hrs. ---END---

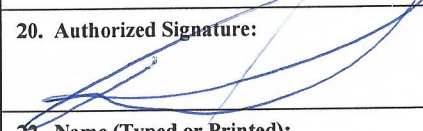
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to 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.: TLYR435X
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Robert M. Robbins, Jr.	23. Date (m/d/y): September 19, 2006

User/Installer Responsibilities

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.

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.

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 468610	
4. Organization Name and Address: Cirrus Design Corporation					4515 Taylor Circle Duluth, MN 55811		5. Work Order/Contract/Invoice Number: 468610
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PACKED PARACHUTE ASSEMBLY, SR22	25574-001-REB	NA	1	00288 R1	SEE BLOCK 13	
13. Remarks: Rebuilt to original PAH's Specifications. The work identified above has been accomplished in accordance with the requirements of 14 CFR 43.2(b) and 14 CFR 43.3(j). This product has been rebuilt in accordance with Cirrus Design Corporation process specification 90814. Process Specification 90814 is FAA approved under Type Certificate A00009CH. Expiration: JUL/25/2023 Assembly being shipped less the Line Cutters to meet shipping requirements. Part #26707-001							
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 type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" 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.: PC#338CE	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Robert George Gould II		23. Date (m/d/y): JUL/25/2013	
User/Installer Responsibilities							
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. 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.							