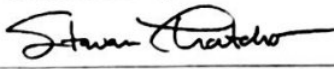


1. Approving Civil Aviation Authority / Country: <b>FAA / UNITED STATES</b>	<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: <b>140409140752-1-1</b>
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4. Organization Name and Address: <b>Airmotive Engineering Corporation (PQ0003SW) 9503 Middlex San Antonio, TX 78217</b>	5. Work Order / Contract / Invoice Number: <b>140752</b>
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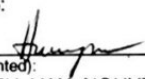
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work
1	Cylinder Comp Assy EcPn TISN71.4BCA	AEC631397 SN71.4 B	12 EA	See Blk 12	NEW

12. Remarks:  
**Airworthiness Approval**  
 Line#1-101463-12, 101464-04, 101464-06, 101464-07, 101497-01, 101497-02, 101498-07, 101601-05, 101601-06, 101602-02, 101602-04, 101630-03

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.	<del>           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.         </del>		
13b. Authorized Signature: 	13c. Approval / Authorization No.: <b>DMIR-832976-SW</b>	14b. Authorized Signature:	14c. Approval / Certificate No.:
13d. Name (Typed or Printed): <b>Steven Thatcher</b>	13e. Date (dd/mmm/yyyy): <b>09/Apr/2014</b>	14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine-propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/articles(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 National Aviation Authority/Country: <b>UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>RMA # 107369</b>	
4. Organization Name and Address <b>UPS Aviation Technologies 2345 Turner Road S.E. Salem, Oregon 97302</b>						5. Work Order/Contract/Invoice Number: <b>RMA 107369</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1.	MX20	430-0270-500 Mods: ABCDEHJKM		ONE	6029471	Repair	
13. Remarks All work performed was in accordance with FAA approved data. The work order detailing the actual work performed is attached or on file at UPS Aviation Technologies.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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 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.: <b>JC6R634N</b>	
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): <b>HIEU VAN NGUYEN</b>		23. Date(m/d/y) <b>Jan / 13 / 2003</b>	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness 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 certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

1. Approving National Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>3159-1</b>	
4. Organization Name and Address: <b>Flight-Deck Avionics, LLC 369 North 2370 West Suite 102, Salt Lake City, UT 84116</b>					5. Work Order/Contract/Invoice Number: <b>3159</b>		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
<b>1</b>	<b>Navigation Display</b>	<b>52D137-1332</b>	<b>Various</b>	<b>1</b>	<b>11569C</b>	<b>Overhaul</b>	
13. Remarks: <b>Details of repair can be found on file at issuing repair station under above noted work order number.</b>							
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: <b>Mark Anders</b> <small>Digitally signed by Mark Anders DN: cn=Mark Anders, o=Flight Deck Avionics, LLC, ou, email=markanders@flightdeckavionics.com, c=US Date: 2012.10.09 10:04:06 -0400</small>		21. Approval/Certificate No.: <b>F62R677Y</b>	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): <b>Mark Anders</b>		23. Date (m/d/y): <b>Oct. 09, 2012</b>	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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.							

Flight-Deck Avionics LLC

369 N 2370 W suite 102  
 Salt Lake City, UT 84116  
 (801)364-4990



# Invoice

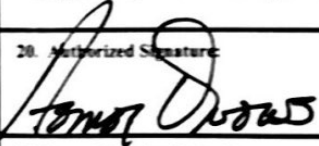
Date	Invoice #
10/11/2012	1990
Due Date	
	10/11/2012

<b>Bill To</b>
Doral Neeley

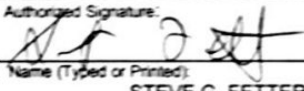
Rep	P.O. No.	Terms	N Number
		Due on receipt	N5144U

Quantity	Description	Rate	Amount
7	Troubleshoot heading on Sandel turning round and round during flight. Found Sandel getting heading info from NSD360 HSI in panel and going to slaving amp in tail and back to the Sandel. Found heading output of NSD 360 HSI harness looks old and possible broken wire or output from HSI bad. Also found Nav needle sticks to compass card and that could cause some problems. Removed #2 HSI NSD 360 p/n 52D137-1332 s/n 11569C for repair. Installed overhauled HSI p/n 52D137-1332 s/n 11569C. Found aircraft wire harness from HSI output has several solder splice connections in 1 foot section. Replaced wire with new wire and connected to shielded wire back in bundle going aft. Ground tested Compass slaving system IAW manufactures specs. No defects noted.	83.00	581.00T
1	Overhaul of NSD 360 HSI p/n 52D137-1332 s/n 11569C cleaned inspected aligned and replaced bearings and rotor. Standard overhaul price from other shops is \$1800.00 to \$2400.00	1,300.00	1,300.00T
	Sales Tax	6.85%	128.85

Thank you for your business.	<b>Total</b>	\$2,009.85
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1. Approving National Aviation Authority/Country: FAA <b>UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>4,042</b>
4. Organization Name and Address: <b>Garmin AT, Inc.</b> <b>2345 Turner Road S.E Salem, Oregon, 97302</b>					5. Work Order/Contract/Invoice <b>657432</b>	
6. Item	7. Description:	8. Part Number:	9 Eligibility: *	10. Quantity:	11. Serial/Batch Numbers:	12. Status Of Work:
1	MX 20 I/O -600 Unit	430-0270-600	TSO Article/ NA	1	6029471	<b>MODIFIED</b>
13. Remark: <b>Unit modified from 430-0270-500 to 430-0270-600 Mod C, per BD3268 and Ass. Dwg. 430-0270-XXX Rev.--</b>  Drawing # 430-0270-XXX Rev E Original Configuration 430-0270-500						
14. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and 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 regulations 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.: <b>PT0123NM</b>		
17. Name (Typed or Printed)		18. Date:	23. Name (Typed or Printed) <b>Homer Owens</b>	23. Date (m/d/y): <b>1/21/2005</b>		
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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 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>						

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: WRK0155675	
4. Organization Name and Address:  MID-CONTINENT INSTRUMENTS WEST 16320 STAGG ST VAN NUYS, CA 91406-1717 FAA CRS OL2D061L			5. Work Order/Contract/Invoice Number: WRK0155675				
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	ATTITUDE GYRO	1U234-001-3 5000L-4/G519A-1	N/A	1	54063H	OVERHAULED	
13. Remarks: <b>THE WORK ORDER REFERENCED DESCRIBES THE ACTUAL WORK PERFORMED.</b> <b>ALL WORK WAS PERFORMED REF. MANUAL # 86M026 2 2/3/06</b> The work specified in block 12/13 except as otherwise specified was carried out in accordance with EASA Part 145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number EASA.145.4674.							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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 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.: FAA CRS OL2D061L	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): EDWARD GILLS		23. Date (m/d/y): Feb/12/2010	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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 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 installer/user before the aircraft may be flown.							

1. Approving National Aviation Authority/Country: <b>UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>RMA # 108924</b>	
4. Organization Name and Address: <b>GARMIN AT Inc. 2345 Turner Road S.E. Salem, Oregon 97302</b>					5. Work Order/Contract/Invoice Number: <b>N/A</b>		
6. Item:	7. Description:	8. Part Number:	9. Eligibility *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1.	MX20	430-0270-801 MOD. D.E	TSO: N/A	ONE	6029471	REPAIRED	
13. Remarks: All work performed was in accordance with FAA approved data. The work order detailing the actual work performed is attached or on file at GARMIN AT INC. Work performed with reference to Factory Service Manual: <u>560-7013-001 REV. B</u> AIRWORTHINESS DIRECTIVES: NONE CITED							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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.: <b>CRS/JC6R634N</b>	
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed): <b>STEVE G. FETTERS</b>		23. Date (m/d/y): <b>01/15/06</b>	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness 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 certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

US Department of Transportation Federal Aviation Administration	<b>MAJOR REPAIR AND ALTERATION</b> <b>(Airframe, Powerplant, Propeller, or Appliance)</b>	Form Approved OMB No. 2120-0020
		For FAA Use Only
		Office Identification WP 11

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).

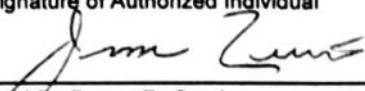
1. Aircraft	Make <b>CESSNA</b>	Model <b>T210N</b>
	Serial No. <b>21064851</b>	Nationality and Registration Mark <b>USA N5144U</b>
2. Owner	Name (As shown on registration certificate) <b>ACCURATE TESTING INC.</b>	Address (As shown on registration certificate) <b>1150 CAMINO DEL RIO</b>
		<b>SANTA BARBARA CA 93110</b>

**3. For FAA Use Only**

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in Item 1 above) -----				<b>X</b>
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement		
A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
<b>AIRTRONICS</b> <b>1880 GENTRY WAY</b> <b>RENO, NV 89502-4407</b>	<input type="checkbox"/> U S Certificated Mechanic	<b>TH3R867L</b> <b>R1, R2, R3, LIMITED</b> <b>INSTRUMENT, AND</b> <b>LIMITED AIRFRAME</b>
	<input checked="" type="checkbox"/> Foreign Certificated Mechanic	
	<input checked="" type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

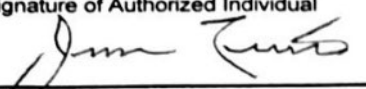
D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and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

Date <b>February 23, 2001</b>	Signature of Authorized Individual  <b>Jim Lewis 2345880</b>
----------------------------------	--

**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 <input checked="" type="checkbox"/>	Repair Station	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>February 23, 2001</b>	Certificate or Designation No. <b>TH3R867L</b>	Signature of Authorized Individual  <b>Jim Lewis 2345880</b>
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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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N5144U</b>	Serial No. <b>21064851</b>
	Make <b>Cessna</b>	Model <b>T210</b> Series <b>N</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>Accurate Test Inc</b>	Address (As shown on registration certificate) Address <b>1150 Camino Del Rio</b>
		City <b>Santa Barbara</b> State <b>CA</b> Zip <b>93110</b> Country <b>USA</b>

**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>Cessna</u>	(As described in Item 1 above)	<u>21064851</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	Huy Bui	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	Manufacturer	
Address	5441 West Bridle Vista Cir	<input type="checkbox"/>	Foreign Certificated Mechanic	<b>3688325AP</b>	
City	West Jordan      State <b>UT</b>	<input type="checkbox"/>	Certificated Repair Station		
Zip	84081      Country <b>USA</b>	<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 9-2-2017
--	---

**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. <b>3688325IA</b>	Signature/Date of Authorized Individual 9-2-2017
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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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N5144U</b>	Serial No. <b>21064851</b>	
	Make <b>Cessna</b>	Model <b>T210</b>	Series <b>N</b>

<b>2. Owner</b>	Name (As shown on registration certificate) <b>Accurate Test Inc</b>	Address (As shown on registration certificate)	
		Address <b>1150 Camino Del Rio</b>	
		City <b>Santa Barbara</b>	State <b>CA</b>
		Zip <b>93110</b>	Country <b>USA</b>

**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>Cessna</u>	<i>(As described in Item 1 above)</i>	<u>21064851</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	Huy Bui	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic		
Address	3411 West Brule Vista Cir	<input type="checkbox"/>	Foreign Certificated Mechanic		
City	West Jordan State UT	<input type="checkbox"/>	Certificated Repair Station		
Zip	84081 Country USA	<input type="checkbox"/>	Certificated Maintenance Organization		<b>3688325AP</b>

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 9-2-2017
--	---

**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 Flt. 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. <b>3688325IA</b>	Signature/Date of Authorized Individual 9-2-2017
---	---



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 N5144U	Serial No. 21064851
	Make Cessna	Model T210
		Series N

2. Owner	Name (As shown on registration certificate) Accurate Test Inc	Address (As shown on registration certificate) Address 1150 Camino Del Rio
		City Santa Barbara State CA
		Zip 93110 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	Cessna	(As described in Item 1 above)	21064851
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. <b>3688325AP</b>
Name Huy Bui	Address 5441 West Bridge Vista Cr City West Jordan State UT Zip 84081 Country USA	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	
		<input type="checkbox"/> Foreign Certificated Mechanic		
		<input type="checkbox"/> Certificated 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 9-2-2017
--	---

**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 Flt. 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. 3688325IA	Signature/Date of Authorized Individual 9-2-2017
--	---



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))

<b>1. Aircraft</b>	Nationality and Registration Mark <b>N5144U</b>	Serial No. <b>21064851</b>	
	Make <b>Cessna</b>	Model <b>T210</b>	Series <b>N</b>

<b>2. Owner</b>	Name (As shown on registration certificate) <b>Accurate Test Inc</b>		Address (As shown on registration certificate)	
			Address	<b>1150 Camino Del Rio</b>
			City	<b>Santa Barbara</b> State <b>CA</b>
			Zip	<b>93110</b> Country <b>USA</b>

**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>Cessna</u>	(As described in Item 1 above)	<u>21064851</u>
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

**6. Conformity Statement**

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	<u>Huy Bui</u>	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	<input type="checkbox"/>	Manufacturer
Address	<u>5441 West Bridge Vista Cr</u>	<input type="checkbox"/>	Foreign Certificated Mechanic	<input type="checkbox"/>	<b>3688325AP</b>
City	<u>West Jordan</u> State <u>UT</u>	<input type="checkbox"/>	Certificated Repair Station		
Zip	<u>84081</u> Country <u>USA</u>	<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.

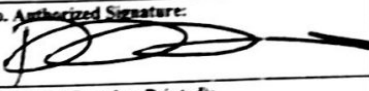
Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <u>9-2-2017</u>
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**7. Approval for Return to Service**

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. <b>3688325IA</b>	Signature/Date of Authorized Individual <u>9-2-2017</u>
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1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: <b>523847</b>
4. Organization Name and Address: <b>Superior Air Parts 621 South Royal Lane Suite 100 Coppel, Texas 75019</b>				5. Work Order/Contract/Invoice Number: <b>1325082</b>	
		<b>PQ0060SW</b>			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/ Batch Number:	11. Status/Work:
001	CYLINDER ASSEMBLY  <i>2 APRIL 2018</i> <i>6777</i>	SA52006-A22P	18	526B1725081 526B1725082 ✓ 526B1725083 526B1725084 526B1725085 526B1725086 526B1725087 526B1725088 526B1725089 526B1725090 526B1725091 526B1725092 526B1725093 526B1725094 526B1725095 526B1725096 526B1725097 526B1725098	NEW NEW NEW NEW NEW NEW NEW NEW NEW
12. Remark <b>AIRWORTHINESS APPROVAL</b>					
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: 		13c. Approval/Authorization No.: <b>PQ0060SW</b>			
13d. Name (Typed or Printed): <b>Bayron Godinez</b>		13e. Date: (dd/mmm/yyyy) <b>02 FEB 2017</b>			
<b>User/Installer Responsibilities</b>					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.					

1. Approving Civil Aviation Authority / Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number <b>5685290</b>	
4. Organization Name and Address <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>					5. Work Order/Contract/Invoice Number <b>2738054</b>		
6. Item <b>50</b>	7. Description <b>REINFORCEMENT</b>	8. Part Number <b>1232624-1</b>	9. Quantity <b>1</b>	10. Serial Number <b>N/A</b>	11. Status/Work <b>New</b>		
12. Remarks <b>AUTHORIZED RELEASE DOCUMENT</b>  <b>PO#: 1064</b>							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are as a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature 		13c. Approval Authorization No. <b>PC4</b>		14b. Authorized Signature		14c. Approval Certificate No.	
13d. Name (Typed or Printed) <b>TERRY WEEKS</b>		13e. Date (dd/mm/yyyy) <b>26/Jun/2017</b>		14d. Name (Typed or Printed)		14e. Date (dd/mm/yyyy)	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) propeller(s) article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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>							

**TACH: 0677.7**  
**APRIL 2018 ANNUAL**

1. Issuing Civil Aviation Authority Country <b>/United States</b>	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number <b>5679036</b>
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4. Organization Name and Address <b>Textron Aviation Inc. (PC4)</b> <b>Textron Aviation Inc.</b> <b>1 Cessna Blvd, Wichita, KS 67215</b>	5. Work Order Contract Invoice Number <b>2733113</b>
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6. Item Number	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status
<b>30</b>	<b>REINFORCEMENT</b>	<b>1232624-1</b>	<b>1</b>	<b>N/A</b>	<b>New</b>

Remarks  
**AUTHORIZED RELEASE DOCUMENT**

**PO#: 1051**

<input checked="" type="checkbox"/> Certified that the items identified above were manufactured in conformity to 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.
--	--

Authorized Signature <i>[Signature]</i>	13. Approval Authorization No. <b>PC4</b>	14b. Authorized Signature	14c. Approval/Certificate No.
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Name (Typed or Printed) <b>JENNIFER FISHER</b>	13e. Date (dd/mm/yyyy) <b>21/Jun/2017</b>	14d. Name (Typed or Printed)	14e. Date (dd/mm/yyyy)
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**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. 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 14e 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.

**2 APRIL 2018**  
**TACH: 0677.7**

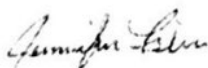
N5144U

1. Approving Civil Aviation Authority Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number <b>5800364</b>	
4. Organization Name and Address <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>					5. Work Order Contract Invoice Number <b>2831516</b>		
6. Item <b>180</b>	7. Description <b>LEVER, THROTTLE CONTROL</b>	8. Part Number <b>656068</b>	9. Quantity <b>1</b>	10. Serial Number <b>N/A</b>	11. Status/Work <b>New</b>		
12. Remarks <b>AUTHORIZED RELEASE DOCUMENT</b>  <b>PO#: 1266</b>							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature 		13c. Approval Authorization No. <b>PC4</b>		14b. Authorized Signature	14c. Approval/Certificate No.		
13d. Name (Typed or Printed) <b>JENNIFER FISHER</b>		13e. Date (dd/mm/yyyy) <b>15/Sep/2017</b>		14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):		
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s) propeller(s) article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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>							

2 APRIL 2018

Page 5 of 6 TACH: 677.7



1. Approving Civil Aviation Authority Country <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number <b>5800364</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4)</b> <b>Textron Aviation Inc.</b> <b>1 Cessna Blvd, Wichita, KS 67215</b>				5. Work Order Contract Invoice Number <b>2831516</b>		
6. Item <b>190</b>	7. Description <b>PIN</b>	8. Part Number <b>626813</b>	9. Quantity <b>10</b>	10. Serial Number <b>N/A</b>	11. Status Work <b>New</b>	
12. Remarks <b>AUTHORIZED RELEASE DOCUMENT</b>  <b>PO#: 1266</b>						
13a. Certifies the items identified above were manufactured in conformity to <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature 		13c. Approval Authorization No <b>PC4</b>	14b. Authorized Signature		14c. Approval/Certificate No	
13d. Name (Typed or Printed) <b>JENNIFER FISHER</b>		13e. Date (dd/mm/yyyy) <b>15/Sep/2017</b>	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine propeller article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)-propeller(s)-article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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>						

2 APRIL 2018

TACH: 677.7

N 5144U

1. Approving Civil Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>5832863</b>	
4. Organization Name and Address: <b>Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215</b>					5. Work Order/Contract/Invoice Number: <b>2857448</b>		
6. Item: <b>60</b>	7. Description: <b>COUPLER</b>	8. Part Number: <b>S2482-250-3.00</b>	9. Quantity: <b>1</b>	10. Serial Number: <b>N/A</b>	11. Status/Work: <b>New</b>		
12. Remarks: <b>AUTHORIZED RELEASE DOCUMENT</b> <b>PO#: 1325</b>							
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12. Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature: 		13c. Approval/Authorization No.: <b>PC4</b>		14b. Authorized Signature		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): <b>DANIEL P. BEAT</b>		13e. Date (dd/mm/yyyy): <b>06/Oct/2017</b>		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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>							

2 APRIL 2018

TACH: 677.7

**2016-16-12 Continental Motors, Inc. (formerly Teledyne Continental Motors, Inc., formerly Continental):** Amendment 39-18610; Docket No. FAA-2012-0002; Directorate Identifier 2011-NE-42-AD.

**(a) Effective Date**

This AD is effective September 15, 2016.

**(b) Affected ADs**

None.

**(c) Applicability**

This AD applies to all Continental Motors, Inc. (CMI) model -520 and -550 reciprocating engines, and to all other CMI engine models approved for the use of model -520 and -550 cylinder assemblies such as the CMI model -470 when modified by supplemental type certificate (STC), with Continental Motors Inc., San Antonio (formerly Airmotive Engineering Corp.), replacement parts manufacturer approval (PMA) cylinder assemblies, marketed by Engine Components International Division (hereinafter referred to as ECI), part number (P/N) AEC 631397, with ECI Class 71 or Class 76, serial number (S/N) 1 through S/N 61176, installed.

**(d) Unsafe Condition**

This AD was prompted by multiple failure reports of cylinder head-to-barrel separations and cracked and leaking aluminum cylinder heads. We are issuing this AD to prevent failure of the cylinder assemblies, which could lead to failure of the engine, in-flight shutdown, and loss of control of the airplane.

**(e) Compliance**

Comply with this AD within the compliance times specified, unless already done.

(1) Review the engine maintenance records to determine if any affected cylinder assemblies are installed.

(2) If you cannot determine based on review of engine maintenance records if any affected cylinder assemblies are installed, comply with paragraph (e)(4) of this AD.

(3) If you do not have any of the affected ECI cylinder assemblies installed on your engine, no further action is required.

**(4) Cylinder Identification and Serial Number Location**

(i) Check the cylinder assembly P/N and Class number. The ECI cylinder assembly, P/N AEC 631397, Class 71 or Class 76, is stamped on the bottom flange of the cylinder barrel. Guidance on the P/N and Class number description and location can be found in ECI Service Instruction No. 99-8-1, Revision 9, dated February 23, 2009.

(ii) If you cannot see the cylinder assembly P/N when the cylinder assembly is installed on the engine, you may use the following alternative method of identification:

(A) Remove the cylinder assembly rocker box cover.

(B) Find the letters ECI, cast into the cylinder head between the valve stems.

(C) Check the cylinder head casting P/N. Affected cylinder assemblies have the cylinder head casting, P/N AEC 65385, cast into the cylinder head between the valve stems.

(D) Find the cylinder assembly S/N as specified in paragraphs (e)(4)(iii) or (e)(4)(iv) of this AD, as applicable.

(iii) For ECI cylinder assemblies, P/N AEC 631397, manufactured through 2008, find the cylinder assembly S/N stamped on the intake port boss two inches down from the top edge of the head.

(iv) For ECI cylinder assemblies, P/N AEC 631397, manufactured on or after January 1, 2009, find the cylinder assembly S/N stamped just below the top edge of the head on the exhaust port side.

#### **(5) Removal From Service**

(i) For any affected cylinder assembly with 680 or fewer operating hours time-in-service (TIS) since new on the effective date of this AD, remove the cylinder assembly from service before reaching 1,000 operating hours TIS since new.

(ii) For any affected cylinder assembly with more than 680 operating hours TIS since new and 1,000 or fewer operating hours TIS since new on the effective date of this AD, remove the cylinder assembly from service within the next 320 operating hours TIS or within 1,160 operating hours TIS since new, whichever occurs first.

(iii) For any affected cylinder assembly with more than 1,000 operating hours TIS since new on the effective date of this AD, remove the cylinder assembly from service within the next 160 operating hours or at next engine overhaul, whichever occurs first.

(iv) For any affected cylinder assembly that has been overhauled, remove the cylinder assembly from service within the next 80 operating hours TIS after the effective date of this AD.

#### **(f) Installation Prohibitions**

After the effective date of this AD:

(1) Do not repair, or reinstall onto any engine, any cylinder assembly removed per this AD.

(2) Do not install any affected ECI cylinder assembly that has been overhauled, into any engine.

(3) Do not install any engine that has one or more affected overhauled ECI cylinder assemblies, onto any aircraft.

(4) Do not return to service any aircraft that has an engine installed with an ECI cylinder assembly subject to this AD, if the cylinder assembly has 1,000 or more operating hours TIS.

#### **(g) Alternative Methods of Compliance (AMOCs)**

The Manager, Delegation Systems Certification Office or Fort Worth Aircraft Certification Office, may approve AMOCs for this AD. Use the procedures found in 14 CFR 39.19 to make your request.

**(h) Related Information**

(1) For more information about this AD, contact Jurgen E. Priester, Aerospace Engineer, Delegation Systems Certification Office, FAA, Rotorcraft Directorate, 10101 Hillwood Parkway, Fort Worth, TX 76177; phone: 817-222-5190; fax: 817-222-5785; email: [jurgen.e.priester@faa.gov](mailto:jurgen.e.priester@faa.gov).

(2) For ECI Service Instruction No. 99-8-1, Revision 9, dated February 23, 2009, which is not incorporated by reference in this AD, contact Continental Motors--San Antonio, 9503 Middlex Drive, San Antonio, TX 78217; phone: 210-820-8101; Internet: <http://www.continentalsanantonio.com>.

(3) You may view this service information at the FAA, Engine & Propeller Directorate, 1200 District Avenue, Burlington, MA. For information on the availability of this material at the FAA, call 781-238-7125.

**(i) Material Incorporated by Reference**

None.