



US Department of Transportation  
Federal Aviation Administration

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

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

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N53340	Serial No. 17281160
	Make CESSNA	Model 172R
2. Owner	Name (As shown on registration certificate) Wilmington General Aviation Industries	
	Address (As shown on registration certificate) Address PO Box 1930	
	City Wilmington	State NC
	Zip 28405	Country USA

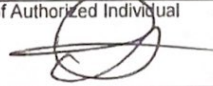
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	AIRFRAME	CESSNA	(As described in Item 1 above)	17281160
<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	
Name Chris McPherson Air Wilmington		<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
Address 1834 Aviation Dr		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
City Wilmington	State NC	<input type="checkbox"/> Certificated Repair Station	3154631
Zip 28405	Country USA	<input type="checkbox"/> Certificated Maintenance Organization	

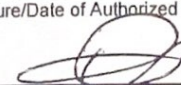
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and 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  02/01/18
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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 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. 3154631	Signature/Date of Authorized Individual  02/01/18
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NOTICE

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

8. Description of Work Accomplished

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

_____	_____
USA N53340	02 Jul 2018
Nationality and Registration Mark	Date

1: Replaced lower firewall with new PN# 0553031-3. All work done IAW Model 172 SRM Rev. 5 Ch. 51-00-00, 53-10-00 and 53-40-00-8.

2: Upper firewall wrinkle under cowl mount. Contacted Cessna Engineering for repair instructions. Submitted structural damage report. Received repair instructions and told to reference SRM. Installed stainless doubler under cowl mount. Fabricated doubler and installed under mount. Material made from original firewall material per Cessna engineering. All work done IAW Model 172 SRM Rev. 5 Ch. 51-00-00, 53-10-00 and 53-40-00-8. Refer to FAA Form 337 dated 02 Jul 18.

3: Firewall stiffeners PN# 0513327-1 and PN# 0513327-2 cracked. Removed old stiffeners and installed new PN# 0513327-1 and PN# 0513327-2. All work done IAW Model 172 SRM Rev. 5 Ch. 51-00-00, 53-10-00 and 53-40-00-8. Refer to FAA Form 337 dated 02 Jul 18.

////////////////////////////////////nothing follows////////////////////////////////////

Additional Sheets Are Attached