



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
11/30/2007

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 N8831M	Serial No. TD-574	
	Make BEECH	Model D95A	Series
2. Owner	Name (As shown on registration certificate) McMeekin, Robert R.	Address (As shown on registration certificate) Address 7435 Arrowood Road	
		City Bethesda State MD	Zip 20817 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<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 John M. Peters	Address Davis Airport City Laytonsville, State MD Zip 20882 Country USA	<input checked="" type="checkbox"/> U. S. Certificated Mechanic	Manufacturer
		<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.
		<input type="checkbox"/> Certificated Repair Station	A&P 1546718
		<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 07-08-2021
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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. 1546718 IA	Signature/Date of Authorized Individual 07-08-2021
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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

N8831M

Nationality and Registration Mark

Installation of vortex generators on the wing leading edge and vertical stabilizer in accordance with Micro AeroDynamics Drawing List MA2111, Revision IR, dated June 24, 1998, and Installation Instructions MA2112, Revision IR, dated August 20, 1998, per STC#SA00575SE.

Instructions for Continued Airworthiness of Micro Vortex Generator Installations are stated in the Limitations and Conditions Section of the STC: "If more than 5 Vortex Generators are damaged or missing, the aircraft is not to be considered airworthy." To make it airworthy, the missing VGs in excess of five need to be replaced. The VGs should be examined prior to each flight, during the pre-flight inspection, to determine if any are missing or damaged. Missing or damaged VGs in excess of five need to be replaced by the installation of a new (replacement) part. Installation is accomplished with Loctite Depend Adhesive #330. No other maintenance or inspections are necessary.

Negligible weight change

END

Additional Sheets Are Attached