



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020
2/28/2011

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, Jr.		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 28405 Honeysuckle Dr.	<input checked="" type="checkbox"/> U. S. Certified Mechanic	Manufacturer
City Damascus State MD	Zip 20872 Country USA	<input type="checkbox"/> Foreign Certified Mechanic	C. Certificate No.
		<input type="checkbox"/> Certified Repair Station	A&P 1546718
		<input type="checkbox"/> Certified 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 <i>John M. Peters</i> 6/30/09
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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 <i>John M. Peters</i> 6/30/09
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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.)

N8831M

6-30-09

Nationality and Registration Mark

Date

Removed original 40amp generators and voltage regulators.

Installed Plane Power, LTD STC SA1068SC Conversion Kit TAL24-70 for Alternator and R1224 Regulator in accordance with Plane Power Drawing No. 14-4001

Installed new 70amp circuit breakers and increased wire size to 4 gauge from alternators to circuit breakers per AC43.13-1B.

Removed original amp meters and installed Electronics International STC SA2693NM VA-1A-50 Volt/Amp gauges in accordance with Electronics International Installation Instructions II 040934.

The VA-1A-50 Volt/Amp Gauges are of adequate size to handle the increased output capability and are equipped with alternator inoperative indicator lamps for compliance with Plane Power Installation Instructions.

Updated Airplane Flight Manual with Plane Power Airplane Flight Manual Supplement 002.

Instructions for Continued Airworthiness for Plane Power, LTD Conversion Kit TAL24-70, Document 37002-07-05 placed in aircraft records.

Weight & Balance and Equipment List revised to indicate change.

*****END*****

Additional Sheets Are Attached