



US Department of Transportation  
Federal Aviation Administration

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

**OCT 12 2006**

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 civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make <b>DOWNER</b>	Model <b>REPUBLIC RC-3</b>
	Serial No. <b>384</b>	Nationality and Registration Mark <b>N6193W</b>
2. Owner	Name (As shown on registration certificate) <b>FJW INC.</b>	Address (As shown on registration certificate) <b>3511 SILVERSIDE RD. STE 105 WILMINGTON, DE. 19810</b>

**3. For FAA Use Only**

THE TECHNICAL DATA IDENTIFIED HEREIN HAS BEEN FOUND TO COMPLY WITH APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS HEREBY APPROVED FOR USE ONLY ON THE ABOVE DESCRIBED AIRCRAFT, SUBJECT TO CONFORMITY INSPECTION BY A PERSON IN 14 CFR PART 43.7. *Thomas Williams*  
DATE 2-13-2007 APPROVING INSPECTOR *Thomas Williams*  
AEA FSDO 23

**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 <b>MARTIN J. RIEMAN 431 QUAKER RD. #1 EAST AURORA, NY 14052-2161</b>	B. Kind of Agency		C. Certificate No. <b>2200957</b>
	<input checked="" type="checkbox"/>	U.S. Certificated Mechanic	
	<input type="checkbox"/>	Foreign Certificated Mechanic	
	<input 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>10/11/06</b>	Signature of Authorized Individual <i>Martin J. Riemann</i>
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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 <b>02/22/07</b>	Certificate or Designation No. <b>1A 2200957</b>	Signature of Authorized Individual <i>Martin J. Riemann</i>
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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.)

1. Downer Republic RC-3, Franklin 6A8-215-B9F, to increase the reliability of the fuel system, assure uninterrupted fuel delivery under all conditions, and to prime the carburetor. Work accomplished in accordance with AC43.13-1B.

2. Remove the left mechanical fuel pump and install a Facet Model 480453 (Piper Part # 481701) Electric Fuel Pump.

3. The electric fuel pump is controlled by a switch located on the instrument panel as per Flight Manual Supplement (see attached).

4. N/a

5. At each periodic inspection this alteration must be checked for attachment, security and operation (see attached Maintenance Manual Supplement).

6. N/a

7. N/a

8. Diagrams: See attached diagram for Fuel System Modification.

9. to 16. N/a

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Additional Sheets Are Attached