



US Department of Transportation  
Federal Aviation Administration

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

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

<b>1. Aircraft</b>	Make <b>Republic</b>	Model <b>RC-3</b>
	Serial No. <b>151</b>	Nationality and Registration Mark <b>U.S. N87583</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>William F. Floten</b>	
	Address (As shown on registration certificate) <b>8668 Island Dr South Seattle Washington 98118</b>	

THE DATA IDENTIFIED HEREIN CONFORMS TO FAA USE ONLY

APPLICABLE AIRWORTHINESS REQUIREMENTS ARE APPROVED ONLY FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED IN FAR 43.7.

6-19-92 *Charles J. [Signature]*  
DATE FAA INSPECTOR, NIM F200 51

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				

RECEIVED  
APR 27 1998  
SEATTLE FSDO-AW

### 6. Conformity Statement

<b>A. Agency's Name and Address</b> Don Wallace, Jr. DBA W.E. Aerotech Services, Inc. 1302 26th Ave NW Gig Harbor, WA 98335	<b>B. Kind of Agency</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	<b>C. Certificate No.</b> 552-76-1362
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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>3-28-92</b>	Signature of Authorized Individual <i>DWL</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

<b>BY</b>	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station	<input type="checkbox"/>	Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>6-30-92</b>	Certificate or Designation No. <b>IA 356078</b>	Signature of Authorized Individual <i>Donald E Wallace</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.)

Replaced right hand cabin door with serviceable unit. Fabricated door hinge from 7075 T6 aluminum "T" section .156 thick (originals' .093 mild steel) with new hinge pins fabricated from 2024 T3 aluminum rod .312 inches in diameter (originals .125 inches mild steel). Hinges located same as original with (6) AN470AD-5 and (2) AN509-832. Inspected and verified prior installation left hand main cabin door hinge. Installation same as N99FJ see attached Form 337 dated 4-20-87. Installed exterior flush type bow door latch actuator . No changes to original bow door latch, lock or interior handle.

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END

Additional Sheets Are Attached