



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  
*W-22 JTS*

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).

1. Aircraft	Make <b>Republic</b>	Model <b>RC-3</b>
	Serial No. <b>1000</b>	Nationality and Registration Mark <b>N5166B</b>
2. Owner	Name (As shown on registration certificate) <b>Davey Darrell L</b> <b>Davey Deborah A</b>	Address (As shown on registration certificate) <b>6613 Santa Rosa Rd</b> <b>Camarillo Ca 93012-5672</b>

**3. For FAA Use Only**

*door wings*

The data identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43, Section 43.7

*8 Sep 99* *Michael Becker*  
DATE SIGNATURE OAK-FSDO

**4. Unit Identification**

Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	<i>(As described in item 1 above)</i>				<input checked="" type="checkbox"/>
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

**6. Conformity Statement**

A. Agency's Name and Address <b>Kenneth L. Thompson</b> <b>PO Box 411</b> <b>Vineburg, Ca. 95487</b>	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <b>545767051</b>
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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 <i>8-25-99</i>	Signature of Authorized Individual <i>Kent Thompson</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 <i>9-8-99</i>	Certificate or Designation No. <b>552273581</b>	Signature of Authorized Individual <i>Douglas P. Smith</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.)

Republic RC-3      N5166B      Ser.# 1000

2. Description: Installed Simuflight 180 degree quick detach door hinges on pilot and co-pilot doors. The inherent design of door and door recess prevents door from coming off in flight or normal operation, however it will permit egress in an emergency situation. All work done in accordance with FAR 23, subpart D, 23.807, AC 43.13 1A, ch.2, sec 3, ch.9, sec.1, para. 380 a. (1), (e), (g) and AC 43.13 2A, ch.1.

3. Control, operation information: N/A

4. Servicing information: None

5. Maintenance instructions: Must be inspected annually in accordance with FAR 43 appendix D.

6. Trouble shooting information: N/A

7. Removal and replacement information: None

8. Diagrams: None

9. Special inspection requirements: None

10. Application of protective treatments: None

11. Data: Previous FAA form 337 attached

12. List of special tools: None


13. For commuter category aircraft: N/A

14. Recommended overhaul periods: No additional overhaul time limitations

15. Airworthiness limitation section: No additional airworthiness limitations

16. Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA form 337

Additional Sheets Are Attached

 <b>MAJOR REPAIR AND ALTERATION</b> (Airframe, Powerplant, Propeller, or Appliance)		Form Approved OMB No. 2120-0020 <b>For FAA Use Only</b>				
U.S. Department of Transportation Federal Aviation Administration						
<b>INSTRUCTIONS:</b> 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).						
1. Aircraft	Make	REPUBLIC	Model	RC-3		
	Serial No.	950	Nationality and Registration Mark	N114N		
2. Owner	Name (As shown on registration certificate)		Address (As shown on registration certificate)			
	DARREL L DAVEY		6613 SANTA ROSA ROAD CAMARILLO CA 93010			
The data/alteration identified herein complies with the applicable airworthiness requirements and is approved for the above described aircraft, subject to conformity inspection by a person authorized in FAR 43, Section 43.7						
3. For FAA Use Only						
4. Unit Identification						
Unit	DATE	SIGNATURE	OAK-FSDO Model	Serial No.	Repair	Alteration
AIRFRAME	09-26-91	<i>[Signature]</i>	(As described in Item 1 above)			X
POWERPLANT						
PROPELLER						
APPLIANCE	Type					
	Manufacturer					
6. Conformity Statement						
A. Agency's Name and Address			B. Kind of Agency		C. Certificate No.	
DOUGLAS P. SMITH 3763 PEACH DR. LOOMIS, CA. 95650			<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer		552273581	
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		Signature of Authorized Individual				
9-26-91		<i>[Signature]</i>				
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> 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		Certificate or Designation No.	Signature of Authorized Individual			
9-26-91		552273581	DOUGLAS P. SMITH			

### NOTICE

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#### 8. Description of Work Accomplished

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

INSTALLED SIMUFLIGHT 180 DEGREE QUICK DETACH DOOR HINGES ON PILOT AND CO-PILOT DOORS. THE INHERENT DESIGN OF DOOR AND DOOR RECESS PREVENTS DOOR FROM COMING OFF IN FLIGHT OR NORMAL OPERATION, HOWEVER IT WILL PERMIT QUICK EGRESS IN AN EMERGENCY SITUATION. ALL WORK DONE IN ACCORDANCE WITH F.A.R. 23 SUBPART D, AND 23.807, AC 43.13 1A, CH.2, SEC.3, CH.9, SEC.1, PARA.380 a.(1)(e)(g) AND AC 43.13 2A, CH.1. EQUIPMENT LIST AND WEIGHT AND BALANCE REVISED.

Additional Sheets Are Attached