



U.S. 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

WP-13 HNL FSDO SMC

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 1958)

<b>1. Aircraft</b>	Make <b>REPUBLIC</b>	Model <b>RC-3</b>
	Serial No. <b>462</b>	Nationality and Registration Mark <b>N6255K</b>
<b>2. Owner</b>	Name (As shown on registration certificate) <b>GOULD ROBERT A, TRUSTEE</b>	
	Address (As shown on registration certificate) <b>44-365 KANEOHE BAY DR. KANEOHE, HI 96744-2664</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, Section 43.7.

*Stanley C. Chuck* Date **5/03/06**  
STANLEY C. CHUCK      WP-HNL-FSDO

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**

<b>A. Agency's Name and Address</b> <b>TIM SUTTER</b> <b>HCO1 BOX 1723</b> <b>GLENNALLEN, AK 99588</b>	<b>B. Kind of Agency</b> <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	<b>C. Certificate No.</b> <b>2236424</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 <b>April 15, 2006</b>	Signature of Authorized Individual <i>Tim Sutter</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	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>5/3/06</b>	Certificate or Designation No. <b>2236424</b>	Signature of Authorized Individual <i>Tim Sutter</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 SeaBee, S/N 462, TTSN 769.2. Feb. 20, 2006

1. Installed 2 AMSAFE, P/N 4140-3-491-2396, double over-the-shoulder style harness inertia reels on upper rear of cabin/firewall for front seat occupants. Rear of bulkhead reinforced at attachment point with 2024-T3, 1/8" thick angle brackets at inertia reel mounting points. Each Inertia reel mounted with 1 AN4 and 1 AN3 bolt through bulkhead and reinforcement bracket.
2. Installed 2 Davis, P/N FDC-6400-568-080, diagonal style inertia reel shoulder harnesses for rear seat occupants. Each inertia reel mounted with 1 AN6 bolt through the vertical hat section at the rear side of the cabin. A tube spacer was installed through the hat section to stop crushing of the hat section when the bolt is tightened. Rear of bulkhead reinforced with AN970 flat washers.
3. All installations performed in accordance with AC 43.13-2A, Chapter 9.
4. Equipment list revised.
5. Aircraft to be weighed before return to service.

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Additional Sheets Are Attached

N6255K

Photo page 1 of 2



Rear shoulder harness reel (typ)



Front shoulder harness reel (typ)



Rear shoulder harness reel mounted (typ)



Front shoulder harness reel mounted (typ)

**N6255K**  
**Photo page 2 of 2**



**All shoulder harnesses in place**



**Front shoulder harness reel doubler - left side.**



**Front shoulder harness reel doubler - right side.**



**Rear shoulder harness reel reinforcement (typ)**