



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

ASO-1550015

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>REPUBLIC</b>	Model <b>RC-3</b>
	Serial No. <b>443</b>	Nationality and Registration Mark <b>N6240K</b>
2. Owner	Name (As shown on registration certificate) <b>HARLAN ASSOCIATES OF SPRUCE CREEK, INC.</b>	Address (As shown on registration certificate) <b>3511 SILVERSIDE ROAD, SUITE 105 WILMINGTON, DE 19810</b>
	3. For FAA Use Only	

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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. Kind of Agency	C. Certificate No.
<b>HARVEY BARNETT 3313 OAK VISTA DRIVE DAYTONA BEACH, FL 32128</b>	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	<b>1302210</b>
	<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>05/02/06</b>	Signature of Authorized Individual 
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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>05/02/06</b>	Certificate or Designation No. <b>IA 1302210</b>	Signature of Authorized Individual 
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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. REPUBLIC RC-3, N6240K, #443
2. INSTALLATION OF AIRWOLF REMOTE MOUNTED OIL FILTER KIT P/N AFC-K010, IN ACCORDANCE WITH STC#SA00433NY, SEE WEIGHT & BALANCE AND EQUIPMENT LIST CHANGE THIS DATE.
3. PRE-HEATING OF BOTH ENGINE AND ENGINE OIL IS RECOMMENDED PRIOR TO STARTING THE ENGINE DURING PERIODS OF COLD WEATHER WHERE THE TEMPERATURE IS 30 DEGREES F OR BELOW
4. INSPECT FOR SECURITY AT EACH ANNUAL OR 100 HOUR INSPECTION. AFTER ANY OIL CHANGE, ALWAYS GROUND RUN THE ENGINE AND CHECK FOR LEAKS BEFORE FLIGHT.

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Additional Sheets Are Attached