



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).

1. Aircraft	Make <p style="text-align: center;">Republic</p>	Model <p style="text-align: center;">RC-3 Seabee</p>
	Serial No. <p style="text-align: center;">387</p>	Nationality and Registration Mark <p style="text-align: center;">398CM</p>
2. Owner	Name (As shown on registration certificate) <p style="text-align: center;">Charliemax Corp.</p>	Address (As shown on registration certificate) <p style="text-align: center;">1830 Lindberg Lane, Daytona Beach, FL 32124</p>

3. For FAA Use Only

The data identified herein complies with applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized in F.A.R. 43.7(b) & (c)

7-13-95 *Don Wallace*
DATE SIGNATURE SEATTLE R500

4. Unit Identification

Unit	Make	Model	Serial No.	5. Type	
				Repair	Alteration
AIRFRAME	~~~~~ (As described in Item 1 above) ~~~~~				
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Don Wallace dba W.E. Aerotech Services Inc. 171 W Sanderson Way, Shelton WA	B. Kind of Agency <input checked="" type="checkbox"/> US Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. <p style="text-align: center; font-size: 1.2em;">552-76-1362</p>
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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 <p style="text-align: center;">2-20-98</p>	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 <p style="text-align: center;">7-13-98</p>	Certificate or Designation No. <p style="text-align: center;">552-76-1362</p>	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.

3. **Description of Work Accomplished**
(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

Installed Airwolf Filter Corp. Remote Oil Filter Kit PN AFC-K007-D including Champion Spin On Filter PN CH48109. This kit and installation instructions were prepared specifically for the Lycoming IGSO-480 installed on Republic RC-3 Ser. #387 (ref. Airwolf invoice and correspondence dated 9-25-97). This Champion filter and Airwolf base adapter assembly are approved for installation on all Lycoming engines to 450 H.P. via Airwolf S.T.C. SA00024NW. The PN CON-10 Engine Adapter is approved for installation on all Continental engines to 450 H.P. via Airwolf S.T.C. SA00079NY. This PN CON-10 adapter was modified by Airwolf Corp. to be used on the Lycoming GSO-480. This installation was done in accordance with the instructions provided by the manufacturer specifically for this installation.

Installation of oil lines between the engine adapter and filter base adapter meet the requirements of FAR 23.1017(a), Oil Lines and Fittings and FAR 23.1301, Equipment - Function and Installation.

I have determined that this data is appropriate to the product being altered, is directly applicable to the alteration and is not contrary to the manufacturers / STC holders data. This alteration does not require any change to the approved maintenance and inspection procedures for this aircraft with the exception of oil filter screen inspections. Oil filter screen inspections will be performed by cutting open the Champion CH48109 filter and inspecting for metal contamination or any evidence that may indicate impending engine problems. Weighed aircraft and prepared weight and balance report (see weight and balance and equipment list dated 2-20-98).

END

Additional Sheets Are Attached