

DEPARTMENT OF TRANSPORTATION  
 FEDERAL AVIATION ADMINISTRATION

Form Approved  
 Budget Bureau No. 04-R060.1

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

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.

1. AIRCRAFT	MAKE <b>Republic Sea Bee</b>	MODEL <b>RC-3</b>
	SERIAL NO. <b>97</b>	NATIONALITY AND REGISTRATION MARK <b>USA N87537</b>
2. OWNER	NAME (As shown on registration certificate) <b>Raymond L. Ploeger</b> <b>Martha S. Ploeger</b>	ADDRESS (As shown on registration certificate) <b>1714 Richcreek Rd.</b> <b>Austin, Texas 78757</b>

*The alteration 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 FAR 43.7*

5-12-79 *R.D. Lubman*

4. UNIT IDENTIFICATION				5. TYPE	
UNIT	MAKE	MODEL	SERIAL NO.	REPAIR	ALTERATION
AIRFRAME	***** (As described in item 1 above) *****				
POWERPLANT					X
PROPELLER					
APPLIANCE	TYPE				
	MANUFACTURER				

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <b>Raymond L. Ploeger</b> <b>1833 Schulte Rd.</b> <b>Creve Coeur Mo. 63141</b>	B. KIND OF AGENCY <input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER	C. CERTIFICATE NO. <b>A&amp;P 02260855</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>May 10 1979</b>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>R.L. Ploeger</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	<input checked="" type="checkbox"/> FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	INSPECTION AUTHORIZATION	OTHER (Specify)
	<input type="checkbox"/> FAA DESIGNEE	REPAIR STATION	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION <b>5-12-79</b>	CERTIFICATE OR DESIGNATION NO. <b>3-0-62</b>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>R.D. Lubman</i>		

**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. Removed Heat Exchange Inc. Model 100 oil cooler. Installed U-6A oil cooler. Relocated oil filter and removed bracket. Altered baffeling to suit.

2. Removed Autolite generator. Installed Alcor alternator in accordance with STC SA334Sw. Increased wire size from alternator output to circuit breaker to 3 #12 AWG.

All work in accordance with AC43.13-1A weight and balance updated to agree.

**END**

FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE OFFICE OF THE ATTORNEY GENERAL WASHINGTON, D.C. 20535	
NAME TITLE ADDRESS CITY STATE ZIP	NAME TITLE ADDRESS CITY STATE ZIP
SUBJECT DATE	SUBJECT DATE
REPORT NO. WORKS	REPORT NO. WORKS
FEDERAL BUREAU OF INVESTIGATION DEPARTMENT OF JUSTICE OFFICE OF THE ATTORNEY GENERAL WASHINGTON, D.C. 20535	
ADDITIONAL SHEETS ARE ATTACHED	