

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

2-2-05

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix E, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form.

1. AIRCRAFT	MAKE Republic	MODEL RC-3
	SERIAL NO. 765	NATIONALITY AND REGISTRATION MARK N6499K
2. OWNER	NAME (As shown on registration certificate) Edmond F. Freeman	ADDRESS (As shown on registration certificate) 16302 El Camino Real, Apt. #3723, Houston, Texas 77062

3. FOR FAA USE ONLY

4. UNIT IDENTIFICATION

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

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS Edmond F. Freeman 16302 El Camino Real Apt. #3723 Houston, Texas 77062	B. KIND OF AGENCY		C. CERTIFICATE NO. AP1580607
	<input checked="" type="checkbox"/>	U.S. CERTIFICATED MECHANIC	
	<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 5-1-79	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Edmond F. Freeman</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 FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION	<input type="checkbox"/>	CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION 5-1-79	CERTIFICATE OR DESIGNATION NO. A11580607	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Edmond F. Freeman</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.)

Alcor Alternator Installation
STC-SA334SW

1. Installed Alcor alternator installation kit in accordance with STC SA334SW.
2. Checked size of wire from alternator output terminal to alternator circuit breaker and from alternator circuit breaker to buss. Size changed from #10 to #6 in accordance with A.C. 43.13-1A.
3. Installed "KLIXON-CLM60" 60 amp. circuit breaker on the side instrument panel cowl. Sta.-23.
4. Installed "MS24510-S" 5 amp. field circuit breaker on side of instrument panel cowl. Sta.-23.
5. Installed "OVR-12A" overvoltage relay on instrument panel cowl. Sta.-23.
6. Installed "A-153C" voltage regulator and "A-178" spike guard in bottom right wing root fairing. Sta -160.
7. Wire size used for the above listed kit components is in accordance with A.C. 43.13-1A.
8. Weight & Balance recomputed; Equipment List and Wiring Manual revised.
9. All work was accomplished in accordance with applicable F.A.R.'s and A.C. 43.13-1 and -2.

ADDITIONAL SHEETS ARE ATTACHED