

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 SO-FSDO-62	
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	REPUBLIC		MODEL	RC-3
	SERIAL NO.	765		NATIONALITY AND REGISTRATION MARK	N6499K
2. OWNER	NAME (As shown on registration certificate)			ADDRESS (As shown on registration certificate)	
	EDMOND F. FREEMAN			#11 CRAIG TERRACE APT. RT-9, JONESBORO, TN. 37659	
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			B. KIND OF AGENCY		C. CERTIFICATE NO.
EDMOND F. FREEMAN #3 PRINCETON RD. APT. JOHNSON CITY, TN. 37601			<input checked="" type="checkbox"/> U.S. CERTIFICATED MECHANIC <input type="checkbox"/> FOREIGN CERTIFICATED MECHANIC <input type="checkbox"/> CERTIFICATED REPAIR STATION <input type="checkbox"/> MANUFACTURER		AP1580607
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			SIGNATURE OF AUTHORIZED INDIVIDUAL		
4-25-78			Edmond F. Freeman		
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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA FLT. STANDARDS INSPECTOR	MANUFACTURER	<input checked="" type="checkbox"/>	INSPECTION AUTHORIZATION	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	
DATE OF APPROVAL OR REJECTION		CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL		
4-25-78		AI1580607	Edmond F. Freeman		

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.

B. DESCRIPTION OF WORK ACCOMPLISHED (If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

ELECTRICAL MODIFICATIONS

1. FABRICATED ANGLE BRACKET OUT OF 4130 STEEL STOCK TO MOUNT P/N AN 8552-3A EXTERNAL POWER RECEPTACLE ON THE SIDE OF THE BATTERY BOX. WIRING DIAGRAM PROVIDED IN WIRING MANUAL.
2. REMOVED ORIGINAL MANUAL OPERATED BATTERY CUTOUT SWITCH, INSTALLED NEW "CUTLER-HAMMER INC." P/N 6041H105A, "D.C. AIRPLANE CONTACTOR" 200 AMP SINGLE POLE SINGLE THROW BATTERY RELAY, ELECTRICALLY OPERATED BY AIRCRAFT MASTER SWITCH AS DESCRIBED IN AC 43.13-2 PAGE 60 FIG. 10.6. WIRING DIAGRAM PROVIDED IN WIRING MANUAL.
3. INSTALLED A.I.D. P/N 23-1110-1 INVERTER ON RADIO ELECTRONIC RACK, TO POWER "SPERRY" ELECTRIC GYRO HORIZON. INVERTER WIRED, INPUT AND OUTPUT PROTECTED AS DESCRIBED BY A.I.D. INC, POWER FAILURE WARNING LIGHT PROVIDED ON INSTRUMENT PANEL, SWITCH & CIRCUIT BREAKERS LOCATED AND LABELED AS INDICATED ON INSTRUMENT PANEL INSTALLATION F.A.A. 337 FORM DATED 11-6-77. WIRING DIAGRAM PROVIDED IN WIRING MANUAL.
4. REWIRED AIRCRAFT TO CONFORM TO THE REPUBLIC WIRE PRINTS FOR AIRCRAFT S/N 5 THRU 425 AS FOUND IN "SEABEE SERVICE NEWS" # 24. WIRING MANUAL PROVIDED FOR AIRCRAFT.
5. REWIRED MAGNETO GROUNDING LEADS FROM MAGS. TO SWITCH ON INSTRUMENT PANEL, USED #16 GA. SHIELDED CABLE. INSTALLED "EDO-AIRE MITCHELL" FILTER KIT P/N AK006- ONE EACH MAGNETO IN ACCORDANCE WITH INSTALLATION AND SERVICE BULLETIN #7.
6. WEIGHT + BALLANCE RECOMPUTED AND EQUIPMENT LIST REVISED.
7. ALL WORK WAS ACCOMPLISHED IN ACCORDANCE WITH APPLICABLE F.A.R.'S, AC 43.13, AND REPUBLIC MAINTENANCE MANUAL.

—END—

ADDITIONAL SHEETS ARE ATTACHED