6
US Department
of Transportation

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

Form Approved OMB No. 2120-0020 2/28/2011	Electronic Tracking Number
attach Barren meles	For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 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. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a)) Nationality and Registration Mark Serial No. N6240K 443 1. Aircraft Make Model Series RC-3 Republic Name (As shown on registration certificate) Address (As shown on registration certificate) Address 3511 Silverside Rd Ste 105 HARLAN ASSOCIATES OF SPRUCE CREEK 2. Owner City State DE Wilmington 19810-4902 Country USA 3. For FAA Use Only This approval is only for "The alteration (or repair) identified herein comp with the applicable airwarthmess requirements are approved for the above described aircr conformity inspection by a person authorized in FAR Part 43, Section 43.7. 9-17-09 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. (As described in Item 1 above) 1 AIRFRAME POWERPLANT 1 Franklin 6A8-215-B9F 23996 PROPELLER APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency Ray Chapin U. S. Certificated Mechanic Manufacturer Address 4669 West Lake Rd. Foreign Certificated Mechanic C. Certificate No. Geneva State NY City Certificated Repair Station 3179397 Country USA 14456 Certificated Maintenance Organization D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Persons Approved by Canadian FAA Flt. Standards Manufacturer Maintenance Organization Department of Transport Inspector BY Other (Specify) Inspection Authorization **FAA Designee** Repair Station Certificate or Signature/Date of Authorized Individual Designation No. FAA Form 337 (10-06)

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.

Description of Work Accomplished (If more space is required, attach additional sheets.	Identify with aircraft	nationality and registration n	ark and date work complete	d.)
	Serial No.	N6240K	9/15/2009	TODA TODA
		Nationality and Regist		Aircraft .
Removed:	Model	reationality and region	audit waik Da	i.e
The original Franklin battery ignition syster	m from the engine	e's right side. The orig	nal left magneto system	m remains
intact. (elastines notadelper no nworls af	Address (A	ion certificate)	Ramé (As shown on regisira	
11 Silvetside Rd Ste 105 mindlen see 05		S OF SPRUCE CREE	HARLAN ASSOCIATE	nerrwC
Installed:	381 65			
Electroair EIS-2-kit electronic ignition syste	em. Installation n	nanual EA-008, no revi	sion number.	and the second second
Electroair, Inc.	107 (\$20)	d larrouge etfil entenna rion	ol belitabli (degen re) setmed	
Ph. 248-666-3002	- ichtra et		inne anni farica etimique e	
www.electroair.net	-702		ශ්රීම දින්ත්රිකතුවේ ගැනවල නව තව එම බාසු කොමන්තු ස ලව ආක්ෂණදකට ලබා	
the original distributor location for timing of to .030035" as recommended by the instributor to the original 32 degrees before top of the EIS controller was mounted to the aft were mounted to the right side of the proporticuit breaker. The coil packs were wired fabricated and supplied by Electroair. All vAC 43.13-1B chapter 11 and AC43.13-2B	f the coil packs. allation manual. dead center above side of the aft ca eller shaft housin to the bus through work was done in Chapter 1 was a	The original aircraft spart The EIS-2 controller acree 400 RPM and up to bin bulkhead using start g. The controller was 19 a 10 amp circuit bree accordance with the also used as a reference	ark plugs were used and dvances timing from 0 operating speed. Indiand hardware. The covired to the bus throug aker. The wiring harms bove referenced installed.	degrees at coil packs th a 2 amp esses were
equipment list were updated to show the omaintenance manual.	change. A copy of	of the EA-008 installation	n manual was attache	d to the
Instructions for Continued Airworthiness:	ity Statement			Anenov's Nam
Introduction: See above info.		and the second s		was Ray Cha
		Company and the second		
Control, operation information: A supp	lement was adde	d to the aircraft flight n	anual and operators o	hacklist
Servicing information: To be accomplis Maintenance Instructions: System shall The system shall be inspected for security.	shed as per the E Il be inspected du	Electroair EA-008 install tring routine 100 hour o	lation manual current r r annual inspections, a	evision. as applicable
6. Troubleshooting information: Special t7. Removal and replacement information:813. Not applicable.	roubleshooting in	structions are found in	the EA-008 Installation	
14. Overhaul limits: No additional overhau	ul time limitations	7. Approval for	and prediction of the first of the control of the c	
15. Not Applicable.		specified below, the unit	se authority given persons	
16. This ICA may be revised by submitting	g a letter with a c	copy of the revised FAA	337 form and ICA. TI	he FAA
accepts the change by signing block 3 will be made identifying the revision, i	its location, and d	late of the 337 form.	TOS	A
			Repair Repair	U PONT
	St	e/Date of Authorized Individu		
	Additional	Sheets Are Attached		