

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 form 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 Champion Aircraft	Model 7EC
	Serial No. 7EC-454	Nationality and Registration Mark N7420B
2. Owner	Name (As shown on registration certificate) James L. Freeman	Address (As shown on registration certificate) 810 Holly Knoll Dr. Anderson SC 29626-6909

3. For FAA Use Only

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME (As described in item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement		
A. Agency's Name and Address Scott A. Gifford 6587 Crystal Ln Prescott, AZ 86301	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. A&P527493691

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 09-02-2002	Signature of Authorized Individual Scott A. Gifford
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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	X	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canadian Airworthiness Group	

Date of Approval or Rejection 09-02-02	Certificate or Designation No. IA527493691	Signature of Authorized Individual Scott A. Gifford
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NOTICE

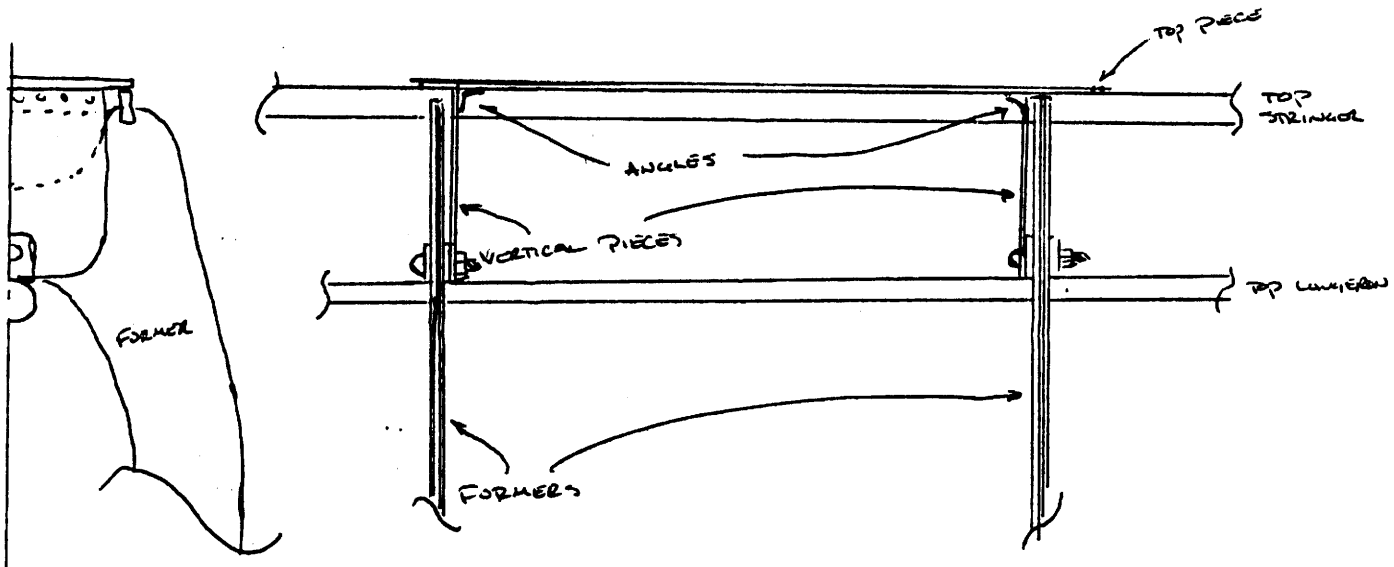
Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

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

Installed antenna mount on top of rear fuselage similar to later 7 series (7GCAA, 7GCBC, 7KCAB, etc.). Mount fabricated by the following:

- 1) three pieces of .050 6061-T4 aluminum for two verticals and one top.
 - 2) two pieces of 3/4x3/4x1/8 6061-T4 extruded aluminum angle.
 - 3) angles and pieces riveted together using MS20426AD-4 rivets.
 - 4) top piece lays on top of both top stringers of fuselage.
 - 5) each vertical piece is riveted to the top piece and at the bottom screws to factory 1-2368-2 brackets welded to top longeron, alongside the wooden formers.
 - 6) all rivet patterns use 1/4 inch (2d) edge spacing minimum and 1 inch (4d) minimum spacing.
- Work performed I/AW AC43.13-1B paragraphs 4-50, 4-52, 4-53, 4-57, and 4-58.



END

Additional Sheets Are Attached