

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

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 <i>Taylorcraft</i>	MODEL <i>BC-12-D</i>
	SERIAL NO. <i>8991</i>	NATIONALITY AND REGISTRATION MARK <i>N 96691</i>
2. OWNER	NAME (As shown on registration certificate) <i>Rudy Brandt</i>	ADDRESS (As shown on registration certificate) <i>Po Box 190565 Anchorage AK 99519</i>

"The Alteration identified herein FOR FAA USE ONLY
with the applicable airworthiness requirements
and is approved for the above described aircraft
subject to conformity inspection by a person
authorized in FAR 43, section 43.7"

3/28/89 *W. T. [Signature]*

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

6. CONFORMITY STATEMENT

A. AGENCY'S NAME AND ADDRESS <i>Rudy Brandt Po Box 190565 Anchorage AK 99519</i>	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. <i>518-94-4165</i>
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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 <i>3-27-89</i>	SIGNATURE OF AUTHORIZED INDIVIDUAL <i>Rudy Brandt</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 <input type="checkbox"/> CANADIAN DEPARTMENT OF TRANSPORT INSPECTOR OF AIRCRAFT	OTHER (Specify)
	FAA DESIGNEE	REPAIR STATION		

DATE OF APPROVAL OR REJECTION	CERTIFICATE OR DESIGNATION NO.	SIGNATURE OF AUTHORIZED INDIVIDUAL
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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.)

Converted Taylorcraft BC12D to BC12D-85 as per Gilbert Aviation STC SA1-210. All work done in accordance with Gilbert Aviation drawings: 108, 109, 110, 111, 112, 113, 114, 115, 116, 133 and 172 with the following exceptions:

① $1\frac{1}{16}$ " grade C Fiber spar bushings, Taylorcraft part # 2570-4 were replaced with $\frac{3}{4}$ " Aluminum Bushings due to availability.

② Auxiliary wing tank fuel valves were installed at wing root in fuselage instead of below instrument panel

③ $\frac{1}{4}$ " stainless steel tube bolted to main tank filler neck in place of copper tube soldered to filler neck.

④ Fuel tank vent system is made from SC52-O fittings and flares in place of copper solder joints.

⑤ Installed Senchnich Model 74 CK Propeller. Prop to ground clearance with tires flat in level flight attitude is 12" which exceeds minimums set forth in FAR 3.422 (a) (1)

end

ADDITIONAL SHEETS ARE ATTACHED