



US Department
of Transportation
Federal Aviation
Administration

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

OMB No. 2120-0020
Exp: 8/31/2014

Electronic Tracking Number

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))

1. Aircraft	Nationality and Registration Mark N9670L	Serial No. AA1B-170
	Make True Flight Holdings	Model AA-1B
2. Owner	Name (As shown on registration certificate) GORHAU FRANK W JR	Address (As shown on registration certificate) Address 1304 WILLOW AVE City Bellevue State NE Zip 68005-2850 Country USA

3. For FAA Use Only

The data/alteration identified herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft, subject to conformity inspection by a person authorized in F.A.R. 43.7 (a)

NOV 23 2015
(date)

Daniel J. Mischel
F.A.A. Inspector, ACE-FSDO-1

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type _____ Manufacturer _____		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	Charles A Birdsell	<input checked="" type="checkbox"/>	U. S. Certificated Mechanic	Manufacturer	
Address	101 McCandless Lane, Suite 1	<input type="checkbox"/>	Foreign Certificated Mechanic	Certificated Repair Station	
City	Council Bluffs State IA	<input type="checkbox"/>	Certificated Maintenance Organization	ABP 3268591	
Zip	51503 Country USA				

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.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>ABP</i>
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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 Rejected

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)

Certificate or Designation No. ABP 3268591 ZA	Signature/Date of Authorized Individual <i>ABP</i> 13 MARCH 2014
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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.)

N9670L

13 March 2014

Nationality and Registration Mark

Date

Removed turn coordinator. Installed Brittain Industries Basic Stability System (BSS) per Brittain Industries installation instruction 2-041-01 rev (A)/STC SA2104WE. Data used based on similarity of aircraft to models AA-1 and AA-1A.

Aircraft weight and balance updated by calculation.

Electrical Load Analysis: Electrical load of BSS system is equal to current draw of removed turn coordinator.

Brittain Industries flight manual supplement, document No. 7-041-02 Revision B dated Sept 11, 2013 installed in aircraft flight manual binder.

Instruction For Continued Airworthiness

1. Introduction: See above. True Flight Holdings AA-1B.
2. Description: Installation of Brittain Industries BSS Basic Stability System
3. Control: Operate per provided Flight Manual Supplement and Operation and Service Instructions Manual No. 3953.
4. Service Information: Refer to Operation & Service Instruction Manual No. 3953.
5. Maintenance Instructions: Refer to manufacturer's service information as above. Additionally, this alteration will be maintained by Annual or 100 Hour Inspection. FAR Part 43, Appendix "D", Items (b) (2), (c) (7), (i) (1), (j), and all current and future Airworthiness Directives pertaining to this airframe and system.
6. Trouble Shooting: Refer to manufacturer's service information as listed in item 4 above.
7. Removal and Replacement: Refer to manufacturer's service information as listed in item 4 above, and aircraft manufacturer's service information.
8. Diagram: See installation instruction 2-041-01 and manufacturer's service information as listed in item 4 above.
9. Special Inspection Requirements: N/A
10. Application of Protective Treatment: N/A
11. Data: See manufacturer's service information as listed in item 4 above, aircraft manufacturer's service information, and AC43.13-1B Table 7-1 for fastener torque information.
12. No special tools required.
13. Aircraft is not certified in the commuter category.
14. See manufacturer's service information as listed in item 4 above for recommended overhaul periods.
15. No additional airworthiness limitations.
16. To revise this ICA, submit a letter to the local FAA Office with a copy of the revised FAA Form 337 and revised ICA. The FAA inspector accepts the change by signing block 3 and including the following statement, "The attached revised/new Instructions for Continued Airworthiness (date _____) for the above aircraft or component major alteration have been accepted by the FAA, superseding the Instructions for Continued Airworthiness (date _____)." After the revision has been accepted, a maintenance record entry will be made, identifying the revision, its location, and date on the FAA Form 337.

-----End of Entry-----

Additional Sheets Are Attached