



U.S. 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 report 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).

<b>1. Aircraft</b>	Make Aero Commander	Model 112
	Serial No. 169	Nationality and Registration Mark N1169J
<b>2. Owner</b>	Name (As shown on registration certificate) Aircraft Owners And Pilots Association	Address (As shown on registration certificate) 421 Aviation Way Frederick MD 21701-4756

### 3. For FAA Use Only

The data identified herein complies with applicable airworthiness requirements and is approved only for above described aircraft subject to conformity inspection by a person authorized in FAR 43.7.

*J. M. Mayall* WP-RSD Date 03/05/2005

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

<b>A. Agency's Name and Address</b> Howard Aviation, Inc 1401 Fairplex Drive La Verne, CA 91750	<b>B. Kind of Agency</b> <input type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Manufacturer	<b>C. Certificate No</b> T03R874L Airframe Class B
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E. 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 3/3/05	Signature of Authorized Individual <i>Robert Howard</i>	Robert Howard
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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 Title, Standards Inspector	Manufacturer	Inspection Authorization	Other (Specify)
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection: <u>3/5/05</u>		Certificate of Designation No. T03R874L	Signature of Authorized Individual <i>Robert Howard</i>	

**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.)*

**REMOVED ITEMS:**

EXISTING COMMANDER PILOT AND COPILOT CONTROL WHEELS

**INSTALLED ITEMS:**

INSTALLED A NEW PILOTS AND COPILOT CYGNET AEROSPACE FAA/PMA APPROVED CONTROL WHEELS P/N CA60-524080, FAA/PMA NUMBER PQ2007NM. THE NEW CONTROL WHEELS WERE ADAPTED TO THE ORIGINAL CONTROL COLUMNS USING THE CYGNET CONTROL WHEEL ADAPTER P/N CA66-524080-1. THIS ADAPTER IS MADE FROM 6061-T6 ALUMINUM. THE ORIGINAL ROLL PIN WHICH ATTACHED THE CONTROL WHEEL TO THE CONTROL COLUMN WAS REPLACED BY A MS27039-1 STRUCTURAL BOLT AND SECURED USING A MATCHING NYLON LOCKING NUT.

COA IS ATTACHED.

THE EQUIPMENT LIST, WEIGHT AND BALANCE AND LOG BOOK REVISED THIS DATE.

-----WEIGHT AND BALANCE REVISED-----

\*\*\*\*\* NOTHING FOLLOWS \*\*\*\*\*

Additional Sheets Are Attached