



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).

1. Aircraft	Make Cessna	Model 172M
	Serial No. 17265225	Nationality and Registration Mark N234JG
2. Owner	Name (As shown on registration certificate) Bartlett, William F.	Address (As shown on registration certificate) 724 6th Ave #3 San Francisco, CA 94118

3. For FAA Use Only

The data identified herein complies 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

09-09-2002 *[Signature]*
DATE SIGNATURE OAK-FSDO

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	B. Kind of Agency	C. Certificate No.
North Field Aviation Hanger L908, Oakland Airport Oakland, CA 94614	<input checked="" type="checkbox"/> U.S. Certificated Mechanic	[REDACTED]
	<input type="checkbox"/> Foreign Certificated Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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: 4 September 2002 Signature of Authorized Individual: *[Signature]* Justin P. Louw

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	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 4 September 2002		Certificate or Designation No. [REDACTED]	Signature of Authorized Individual <i>[Signature]</i> Randy J. Korte		

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 light bulb and wiring for landing light.

Installed Aero Visions International, Inc. XeVision 14V landing light kit.

Installation performed in accordance with manufacture's installation instructions.

Instructions for Continued Airworthiness.

- 1) Introduction: Aero Visions International, Inc. landing light.
- 2) Description: This assembly replaces the original landing light with an HID Xenon lamp in the pre-existing lamp location and a ballast located on the firewall. The new system utilizes the pre-existing circuit breaker.
- 3) Control operation information: When bench testing the lamp do not start, or shut down the lamp with the light beam oriented at an angle of more than 45 degrees above or below horizontal during start-up (1st. minute of operation) or cool down (1st. minute after turned off). If the lamp is turned off and left in the vertical or near vertical position during the cooling cycle, Metal Halide salts (yellow looking material in the center of the arc tube) will form rendering the lamp inoperable and will ruin the bulb.
- 4) Servicing information: N/A
- 5) Maintenance: For repairs or replacement contact Aero Visions International, Inc. 4245 Airport Rd. Ogden, UT 84405, www.aerovisions.com/hid/, 801-622-7000. Before shipping parts for repairs or replacement acquire a Return Merchandise Authorization Number from Aero Visions International, Inc.
- 6) Trouble shooting information: See attached wiring diagram and contact Aero Visions International, Inc. (801) 622-7000.
- 7) Removal and replacement information: Refer to XeVision Installation and Operation instructions.
- 8) Diagrams: See attached wiring diagram.
- 9) Special inspection requirements: Perform inspection annually in accordance with FAR 43 appendix D.
- 10) Application of protective treatments: none.
- 11) Data: N/A
- 12) List of special tools: none.
- 13) N/A
- 14) Recommended overhaul periods: No additional overhaul time limitations.
- 15) Airworthiness limitation section: No additional . . .
- 16) Revision: A letter will be submitted to the local FSDO with a copy of the revised FAA Form 337 and revised ICA.

***** NOTHING FOLLOWS *****

Additional Sheets Are Attached

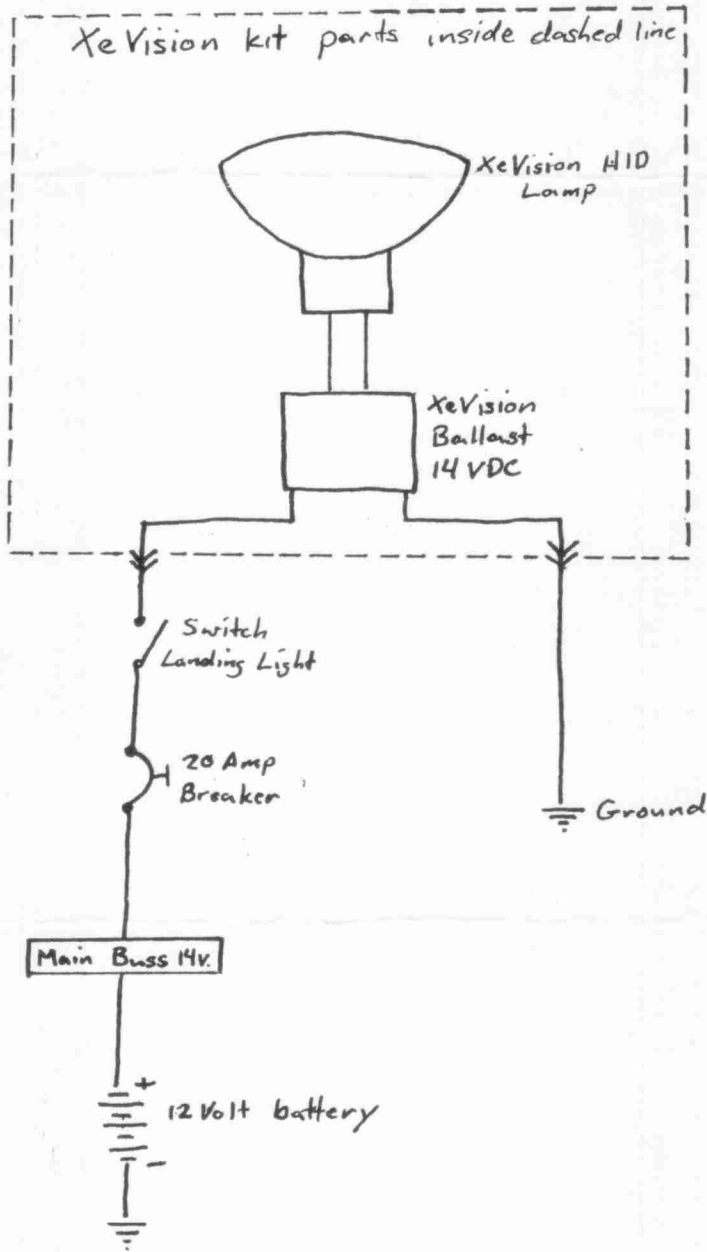
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N234JG



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