


XENON HID LAMP 2/27/03

	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 1958)

	Make <b>Beech</b>	Model <b>M-35</b>
	Serial No. <b>D-6215</b>	Nationality and Registration Mark <b>N136X</b>
2. Owner	Name (As shown on registration certificate) <b>Wiltz, Mark R.</b>	Address (As shown on registration certificate) <b>1181 Hermann Ct. Milford, MI. 48380</b>

3. For FAA Use Only

THE DATA / ALTERATION IDENTIFIED HEREIN COMPLIES WITH THE APPLICABLE AIRWORTHINESS REQUIREMENTS AND IS APPROVED FOR THE ABOVE DESCRIBED AIRCRAFT SUBJECT TO CONFORMITY INSPECTION BY A PERSON AUTHORIZED BY FAR 43, SECTION 43.7  
 DATE MAR 13 2003 FAA INSPECTOR Marty Solvberg  
 AGL DETROIT FSDO

M.V. "Marty" Solvberg

4. Unit Identification

5. Type

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

6. Conformity Statement

A. Agency's Name and Address <b>Avantgarde Aviation Inc. 6250 H Row Waterford, MI. 48327</b>	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certified Mechanic <input type="checkbox"/> Foreign Certified Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. [REDACTED]
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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 <b>Feb. 27, 2003</b>	Signature of Authorized Individual <b>F.N. Echtenaw</b>
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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

<input type="checkbox"/> FAA Fit Standards Inspector	<input type="checkbox"/> Manufacturer	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
<input type="checkbox"/> FAA Designee	<input type="checkbox"/> Repair Station	<input type="checkbox"/> Person Approved by Transport Canada Airworthiness Group	

Date of Approval or Rejection <b>Feb. 27, 2003</b>	Certificate or Designation No. [REDACTED]	Signature of Authorized Individual <b>F.N. Echtenaw</b>
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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.)*

Removed light bulb and wiring for taxi light.

Installed Aero Visions International Inc. Landing light

Installation performed in accordance with manufacturer's installation instructions, and AC 43.13-1B.

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 mounted on the firewall. The new system utilizes the 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 startup (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/](http://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) Troubleshooting 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) 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.

END

Additional sheets are attached