

<b>Crossbow Service Letter</b>			
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Crossbow Service Letter  
AHR510-10-06  
AHR510 TSO Label Application

Rev B



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## 1 Equipment: AHR510

## 2 Service Letter Number

AHR510-10-06

## 3 Applicability

This Service Letter applies to the following articles:

AHR510GA-200 part number 8350-0150-15 with the following serial numbers:

05009413	06002128	06002172	06002267	06002321
05009517	06002129	06002173	06002269	06002323
05009519	06002130	06002174	06002270	06002326
05009520	06002132	06002175	06002272	06002329
05009523	06002167	06002176	06002276	
06002050	06002168	06002259	06002277	
06002068	06002169	06002260	06002278	
06002123	06002170	06002264	06002279	
06002124	06002171	06002265	06002285	

## 4 Reason

The above AHR510GA-200 serial numbers were shipped to Eclipse Aviation Corporation prior to Crossbow's receipt of the TSO for the AHR510GA-200. These units were shipped with a non-TSO label.

Crossbow received the TSO for the AHR510GA-200 on Sept 18, 2006.

The configuration of each unit shipped to Eclipse prior to receipt of TSO is 8350-0150-15.

The software configuration on each of the above units is:

DUP code: 5020-0191-15_A
IOUP code: 5020-0080-13_A
PIP code: 5020-0193-15_A
BOOT code: 5020-0195-03_A

The TSO configuration, hardware and software, is the same as above. The only difference is the label.

## 5 Description

This Letter describes the conditions and procedures for application of the TSO label onto units shipped to Eclipse prior to receipt of TSO.

## 6 Compliance

Mandatory

## 7 Warranty Information

The standard warranty is limited to application of the TSO label and does not cover removal or installation costs.

## 8 References

None

## 9 Background

Crossbow has verified that the above serial numbers were shipped with the same hardware and software configuration as specified in the TSO. Each unit was tested per the ATP specified as part of the TSO.

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## 10 Operator Action

**Crossbow will make TSO labels for each of the units identified above.**

**The following actions will be taken with respect to units on the P1 aircraft:**

- Crossbow representative will arrive at Eclipse with TSO labels.
- S/N of each unit will be identified and verified to be one of the s/n in Section 3; 06002132 and 06002326.
- Test data from the production travelers of each unit will be presented.
- Crossbow representative will verify, by inspection of the Crossbow travelers, that the hardware configuration of each unit is identical to the TSO config.
- Crossbow representative will verify, by inspection of the Crossbow travelers, that the software configuration of each unit is identical to the TSO config.
- Crossbow to provide copy of unit travelers, Certificate of Conformance and 8130-9 to Eclipse of each unit.
- Crossbow representative or Eclipse technician to apply TSO label on each unit.
- The above action was completed on October 31, 2006.

**Eclipse and Van Nuys MIDO to identify which units, by s/n, are to be returned to Crossbow for application of TSO label and which units, by s/n, will get the label applied at Eclipse.**

The procedure for each case is presented below.

**The following actions will be taken with respect to TSO labels applied to units at Eclipse:**

- Crossbow representative will arrive at Eclipse with TSO labels.
- S/N of each unit will be identified and verified to be one of the s/n in Section 3.
- Test data from the production travelers of each unit will be presented.
- Crossbow representative will verify, by inspection of the Crossbow travelers, that the hardware configuration of each unit is identical to the TSO config.
- Crossbow representative will verify, by inspection of the Crossbow travelers, that the software configuration of each unit is identical to the TSO config.
- Crossbow to provide copy of unit travelers, Certificate of Conformance and 8130-9 to Eclipse of each unit.
- Crossbow representative or Eclipse technician to apply the TSO label on each unit.

**The following actions will be taken with respect to units shipped back to Crossbow for application of the TSO label:**

- S/N of each unit will be identified and verified to be one of the s/n in Section 3.
- Original test data from the production travelers of each unit will be presented.
- Crossbow will verify, by inspection of the Crossbow travelers, that the hardware configuration of each unit is identical to the TSO config.
- Crossbow will verify, by inspection of the Crossbow travelers, that the software configuration of each unit is identical to the TSO config.
- Crossbow to perform the following tests, as specified in traveler 6770-0015-15, on each unit:
  - Step 260 – Perform Functional Test and print results.
    - While in ABIT screen, check software version for DUP, IOUP and PIP against TSO config.
- Crossbow to perform the following tests, as specified in traveler 6770-0150-15, on each unit:
  - Step 30 – Static Noise Test
  - Step 40 – Static Angle Accuracy Test
  - Step 50 – Gyro Scale Factor
  - Steps 110 and 115 – Apply TSO label

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## 11 Service Information

As a Crossbow Technology customer you have access to product support services, which include:

- Single-point return service
- Web-based support service
- Same day troubleshooting assistance
- Worldwide Crossbow representation
- Installation assistance available

### Contact Directory

United States: Phone: 1-408-965-3300 (9 AM to 5 PM PST)

Fax: 1-408-324-4840 (24 hours)

Email: [techsupport@xbow.com](mailto:techsupport@xbow.com)

Non-U.S.: refer to website [www.xbow.com](http://www.xbow.com)