

**Safety Defect and Noncompliance Report Guide for Vehicles
Part 573 Defect and Noncompliance Report¹**

In June, 2012 Altec Industries Inc decided that a defect which relates to motor vehicle safety exists in the motor vehicles listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Responsibility and Reports.

Date this report was prepared: **August 14, 2012**

Furnish the manufacturer's identification code for this recall (if applicable): **MAB 563**

1. Identify the full corporate name of the fabricating manufacturer of the vehicle being recalled. If the recalled vehicle is imported, provide the name and mailing address of the designated agent as prescribed by 49 U.S.C. §30164.

Altec Industries, Inc

Identify the corporate official, by name and title, whom the agency should contact with respect to this recall.

Joshua T. Chard
Director, Corporate and Product Safety

Telephone Number: **205-408-8627** Fax No.: **205-981-3733**

Name and Title of Person who prepared this report.

Philip D. Purdy
Manager, Technical Publications

Signed: _____

I. Identify the Vehicle Models Involved in the Recall

2. Identify the Vehicles Involved in the Recall, *for each make and model or applicable vehicle line (provide illustrations or photographs as necessary to describe the vehicle), provide:*

Make(s): Altec Model Years Involved: 2008 - 2009 Model(s): **Aerial Device**
Production Dates: Beginning: N/A Ending: N/A

VIN Range: Beginning: N/A Ending: N/A

Vehicle Type: N/A Body style: N/A

Descriptive information which characterizes/distinguishes the recalled vehicles from those model vehicles not included in the recall:

This recall only affects AH85 and AH100 aerial devices manufactured between March 2008 and May 2009.

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance.

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
AH85	2008-2009	2
AH100	2008-2009	25

Total Number Potentially Affected by the Recall: 27

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **The boom pivot pin will be replaced in 100% of the affected units.**

Identify and describe how the recall population was determined – in particular how the recalled models were selected and the basis for the beginning and final dates of manufacture of the recalled vehicles:

The recall population was determined by reviewing manufacturing records to identify units built with boom pivot pins manufactured between September 2008 and December 2008.

III. Describe the Defect or Noncompliance

5. Describe the defect or noncompliance. The description should address the nature and physical location of the defect or noncompliance. Illustrations should be provided as appropriate.

Describe the cause(s) of the defect or noncompliance condition.

Improper welding processes used to manufacture the boom pivot pins.

Describe the consequence(s) of the defect or noncompliance condition.

Failure of the pin could cause a separation of the boom from the turntable.

Identify any warning which can (a) precede or (b) occur.

N/A

If the defect or noncompliance is in a component or assembly purchased from a supplier, identify the supplier by corporate name and address.

**Ryan Manufacturing, Inc.
6606 Machmueller St.
Schofield, WI 54476**

Identify the name and title of the chief executive officer or knowledgeable representative of the supplier.

**Brian Werner
Technical Service Manager**

IV. Provide the Chronology in Determining the Defect/Noncompliance

If the recall is for a defect, complete item 6, otherwise item 7.

6. With respect to a defect, furnish a chronological summary (including dates) of all the principle events that were the basis for the determination of the defect. The summary should include, but not be limited to, the number of reports, accidents, injuries, fatalities, and warranty claims.

In April 2012, we received a report of a broken boom pivot pin head. A few weeks later a second broken pin was found. Testing and evaluation was done to determine the cause. A decision was made to replace all pins manufactured between September and December 2008. There have been no reports of accidents or injuries.

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7. With respect to a noncompliance, identify and provide the test results or other data (in chronological order and including dates) on which the noncompliance was determined.

N/A

V. Identify the Remedy

8. A description of the manufacturer's program for remedying the defect or noncompliance. This program shall include a plan for reimbursing an owner or purchaser who incurred costs to obtain a remedy for the problem addressed by the recall within a reasonable time in advance of the manufacturer's notification of owners, purchasers and dealers, in accordance with §573.13 of this part. A manufacturer's plan may incorporate by reference a general reimbursement plan it previously submitted to NHTSA, together with information specific to the individual recall. Information required by §573.13 that is not in a general reimbursement plan shall be submitted in the manufacturer's report to NHTSA under this section. If a manufacturer submits one or more general reimbursement plans, the manufacturer shall update each plan every two years, in accordance with §573.13. The manufacturer's remedy program and reimbursement plans will be available for inspection by the public at NHTSA headquarters.

Altec will issue a recall letter (MAB 563) to owners of all affected units.

9. Furnish a description of the manufacturer's remedy for the defect or noncompliance. Clearly describe the differences between the recall condition and the remedy.

The boom pivot pin was redesigned to facilitate improved manufacturing and welding procedures.

Clearly describe the distinguishing characteristics of the remedy component/assembly versus the recalled component/assembly.

N/A

Identify and describe how and when the recall condition was corrected in production. If the production remedy was identical to the recall remedy in the field, so state. If the product was discontinued, so state.

The production remedy is identical to the recall remedy.

VI. Identify the Recall Schedule

- 10.** Furnish a schedule or agenda (with specific dates) for notification to other manufacturers, dealers/retailers, and purchasers. Please, identify any foreseeable problems with implementing the recall.

Submitted with this report is a draft of Altec's MAB 563. Once MAB 563 has been approved and returned, Altec will immediately mail it to the customers affected. There are no dealers/retailers affected.