

## **Safety Defect and Noncompliance Report Guide for Vehicles Part 573 Defect and Noncompliance Report<sup>1</sup>**

In March 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: **March, 22 2012**

Furnish the manufacturer's identification code for this recall (if applicable): **CSN 559**

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, Media**

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: 1993 - 2004 Model(s): AA755/755L  
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 Altec AA755/755L aerial devices built before March 2004.**

**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>
<u>AA755/755L</u>	<u>1993 – 2004</u>	<u>1,222</u>

Total Number Potentially Affected by the Recall: 1,222

4. Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **100% of the units will need to be inspected but it is unknown how many units need the boom stiffener kit modification.**

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 our service records to determine which units had not had the boom stiffener kit added.**

### **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 causes(s) of the defect or noncompliance condition.

**Investigation has shown that continuous overloading or side loading of the booms could cause the lower boom crack near the lower boom pivot. Continued use could cause the boom to fail.**

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

**Failure of the lower boom**

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

**The required daily and monthly inspection of the booms per the unit's maintenance manual should find any cracks prior to the booms failing.**

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

N/A

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

N/A

### **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 1998, Altec became aware of this potential condition and issued a notice to inform customers that a reinforcement plate could be added to prevent the incident from occurring. In December of 2011, Altec learned of an incident where the reinforcement**

**had not added to a unit. Altec began to research to determine how many other units were in the field that may not have had the reinforcement added. We found 1222 units where there was no record to indicate that the reinforcement had been added. Due to the age of the effected units, it is likely that many of these units have already been removed from service. It is also possible that the reinforcements were added, but the owners did not notify Altec that it was complete. Altec is working with RL Polk to identify the last registered owner of the effected units so this notice can be sent to them.**

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 (CSN 559) to owners of all potentially 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 recall notification letter directs unit owners to visually inspect the unit and apply the appropriate boom stiffener kit.**

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 lower boom design was changed to reinforce the area around the boom pivot pin.**

**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 CSN 559. Once CSN 559 has been approved and returned, Altec will immediately mail it to the customers affected. There are no dealers/retailers affected.**