

**Safety Defect and Noncompliance Report Guide for Equipment
Part 573 Defect and Noncompliance Report**

On May 3, 2013 Altec Industries Inc decided that a defect which relates to motor vehicle safety exists in the motor vehicle equipment listed below, and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR Part 573 Defect and Noncompliance Reports.

Date this report was prepared: May 9, 2013

Furnish the manufacturer's identification code for this recall (if applicable): CSN 576

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 Recalled Items of Equipment

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

Generic name of the item: **Crane**

Make(s): **Altec** Model Years Involved: **2010 - 2011** Model(s): **AC35/38 Crane**

Production Dates: Beginning: **N/A** Ending: **N/A**

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

This recall only affects **AC35/38** cranes with 31 – 55 foot telescopic jibs built between 2010 and 2011.

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>
AC38/38 Crane	2010 - 2011	56

Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **100 %**

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 cranes built with 31 foot telescopic jibs built between 2010 and 2011.

III. Describe the Defect or Noncompliance

Describe the defect or noncompliance.

The jib ears could be subjected to loading that is conducive to yielding when lifting an extended jib off the ground with a platform and recommended test weight installed. Pre-op procedures do require inspection of the pinned joint prior to operation, but failure to do so may result in tear out of the jib ear joint.

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

IV. Provide the Chronology in Determining the Defect/Noncompliance

4. 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 February 2013 a customer reported that the pin holes on the jib ears of a 31 – 55 ft telescopic jib were deformed. Upon further material inspection it was determined that the jib attachment bracket was constructed of 50 grade material. The customer work practices were studied and it was determined that the deformation occurred while lifting a platform off the ground with the jib fully extended and the 125% of capacity proof test weight package installed. It was concluded that the jib attachment bracket constructed out of 50 grade material is not sufficient for loads that can occur when the fully extended jib with a platform and 125% of capacity proof test weight installed is lifted off the ground. Altec Manuals do not specifically prohibit conducting a 125% proof test in this configuration. In May 2013 Altec determined the 56 units manufactured during the identified period were built with the 50 grade material. Prior and later units are not affected.

V. Identify the Remedy

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

Altec will issue a recall letter (CSN 576) to owners of all affected units informing them to inspect and reinforce the jib mounting attachment.

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

The jib mounting is now fabricated only from higher strength material.

VI. Identify the Recall Schedule

6. Furnish a schedule or agenda (with specific dates) for notification.

Not available at this time.

