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14V-357
(3 pages)

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

On June 13, 2014 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: **June 17, 2014**

Furnish the manufacturer's identification code for this recall (if applicable): **CSN 599**

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: **Aerial Device**

Make(s): **Altec** Model Years Involved: **2013 - 2014** Model: Aerial Device

Production Dates: Beginning: **August 2013** Ending: **April 2014**

II. Identify the Recall Population

3. Furnish the total number of vehicles recalled potentially containing the defect or noncompliance. **(258)**

<u>Model</u>	<u>Year</u>	<u>Number of Vehicles Potentially Involved</u>
AT3X-G	2013-2014	154
AT40-G	2013-2014	87
AT237	2013	1
AT248F	2013-2104	16

Furnish the approximate percentage of the total number of vehicles estimated to actually contain the defect or noncompliance: **20%**

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 on Ford F450/550 chassis with front Stable Ride Torsion Bars

III. Describe the Defect or Noncompliance

Describe the defect or noncompliance.

The torsion bars may have been manufactured with faulty welds. If the weld fails, the unit may become unstable in certain work positions.

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

**Turner Manufacturing Company
1288 N. Lone Star Parkway
McGregor, TX**

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.

The initial problem arose in April 2014 when a torsion bar broke during a stability test at an Altec facility. Investigation showed that the torsion bar had an insufficient weld. Visual inspections of the torsion bars were performed on onsite completed units and on manufacturing inventory. All torsion bars with insufficient weld were rejected and sent back to the supplier for corrective action. We visited the manufacturer in May to help determine the cause and to validate their manufacturing process. It was concluded that only one Turner Manufacturing associate contributed to the weld deficiency. The time frame for affected units coincides with the employment period of the former associate. There have been no reports of injuries or accidents.

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 599) to owners of all affected unit informing them to inspect the front torsion bars and replace any that have deficient welds.

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

Torsion bars produced after April 2014 have the correct weld.

VI. Identify the Recall Schedule

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

Customer notification estimated to be the week of August 18, 2014.