U.S. Department of Transportation

National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION

NHTSA

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Investigation: EQ 14-003
Prompted by: 13E-045
Date Opened: 01/30/2014
Investigator: Cynthia Glass
Approver: Jennifer Timian
Subject: Electric Door Actuator May Ignite

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: A&M Systems, Inc.
Products: Electric Door Actuator
Population: 5,530 (Estimated)

Problem Description: Certain electric door actuator printed circuit boards may experience voltage spikes that may damage electrical components and electrical circuits, causing the PC board to develop high resistance.

ACTION / SUMMARY INFORMATION

Action: This Equipment Query (EQ) Investigation is Opened.

Summary:

On August 21, 2013, A&M Systems, Inc. (A&M) notified the NHTSA that it decided a defect exists in certain electric door actuator PC boards, model number 3230 PC board, that were manufactured from August 1, 2009, through March 31, 2010. Anomalies such as voltage spikes may damage electrical components and electrical circuits, causing the circuit board to develop high resistance and thermal problems. High resistance may cause the circuit board to overheat, increasing the risk of a fire. This matter was assigned recall number 13E-045.

A&M has supplied NHTSA with a purchaser list identifying the manufacturers that may have incorporated these PC boards into their buses. However, at this time, a Part 573 Report has not been filed by all of these potentially affected manufacturers.

The purpose of this EQ investigation is to write to the companies that purchased the defective A&M PC boards, notify them of this defect, and ensure thorough safety recalls are conducted where appropriate.