

the RTS legend continues...

**millennium**  
TRANSIT SERVICES, LLC

September 22, 2009

Associate Administrator for Safety Assurance  
National Highway Traffic Safety Administration  
400 7<sup>th</sup> Street, SW  
Washington, DC 20590

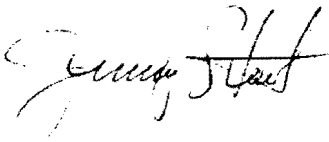
Re: Defect and Noncompliance Report per 49 C.F.R. 573

Dear Administrator,

Millennium Transit Services, LLC has determined that a defect which relates to motor vehicle safety exists and is furnishing notification to the National Highway Traffic Safety Administration in accordance with 49 CFR part 573 Defect and Noncompliance Reports.

Please review the attached report and contact my office if you need additional information.

Best Regards,



Jimmy Stout  
Director of Aftermarket Services  
575-347-7534 – office  
575-347-7504 – fax  
jstout@millenniumtransit.com

RECEIVED  
2009 SEP 24 A 8:12  
OFFICE OF DEFECTS  
& COMPLAINT

cc: Bill Beyerle - MTS

42 Earl Cummings Loop West, Roswell, NM 88203  
505.347.7504

Telephone: 505.347.7500 Fax:

Safety Defect and Noncompliance Report for Vehicles  
**PART 573 Defect and Noncompliance Report**

On September 18, 2009, Millennium Transit Services, LLC 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 Reports.

The defect relating to this report was communicated to Millennium Transit Services, LLC on September 18, 2009 by the supplier of the defective product, Luminator Holding, LP. Luminator Holding, LP also notified NHTSA of this defect and NHTSA has assigned case number 09E-054 to the recall submitted by Luminator Holding, LP.

Date this report was prepared: 9/22/2009

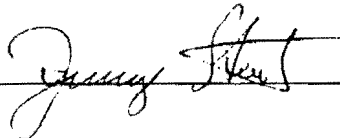
Manufacturer's identification code for this recall: 09-001

Manufacturer's full corporate name and mailing address: Millennium Transit Services, LLC  
42 Earl Cummings Loop West  
Roswell, NM 88203

For information regarding this recall, please contact: Jimmy Stout  
Director of Aftermarket Services  
575-347-7534 – office  
575-347-7504 – fax  
jstout@millenniumtransit.com

This report was prepared by: Jimmy Stout  
Director of Aftermarket Services

Signed: \_\_\_\_\_



Make: Millennium Transit Services, LLC

Model Years Involved: 2006 & 2007

Model: R80THN

Production Dates: Beginning: March 2006 Ending: December 2008

Vehicle Type: Transit Bus (40 feet long, 102 inches wide)

The vehicles affected by this recall are typically referred to as the RTS transit bus which is manufactured by Millennium Transit Services, LLC in Roswell, New Mexico. To date, Millennium Transit Services, LLC has manufactured thirty (34) vehicles.

Thirty-four (34) vehicles have been delivered to customers and are affected by this recall which represents one-hundred (100) percent of the total number of vehicles manufactured by Millennium Transit Services, LLC.

The component affected by this recall is the Horizon LED side destination sign, PWA connector. The connector board allows the sign system interconnecting cables to attach to the sign and provide power, ground and communications from the bus to the side destination sign.

The side signs are equipped with the PWA connector board that is used to "daisy chain" the side destination sign to other signs in the sign system. As the units produced have multiple side signs, one connector is left uncovered which creates an open connector condition that allows debris to collect inside the connector and provides a path for moisture to ingress along the pins of the connector down to the PWA board itself causing corrosion on the solder connection between the open connector and PWA board.

The corrosion allows for a conductive path between battery voltage and ground. The corrosion will allow a potential short and the sign will fail. In rare instances, this corrosion will cause the sign to smoke and possibly flame. In some situations the circuit breaker will trip, however this is not a consistent occurrence.

Luminator Holding, LP is initiating a campaign to replace the PWA connector boards on all units produced by Millennium Transit Services, LLC as all of the inventory was purchased prior to 2007. The new board eliminates the possibility of arcing by putting the ground and battery voltage on separate layers of the board. The traces have also been moved to allow the maximum spacing. In addition, conformal coating has been applied below the connector and a cap is installed on all open connectors to prevent the incursion of moisture and debris which would allow corrosion to develop.

Millennium Transit Services, LLC has not produced any vehicles since December 2008 therefore there are no defects to correct in production.

Millennium Transit Services, LLC will coordinate shipment of replacement parts and bulletins to customers on September 25, 2009 with directions for replacement and reimbursement.

A draft copy of the bulletin that will be used to notify Millennium Transit Services, LLC customers is provided with this report along with the reports and documentation provided to Millennium Transit Services, LLC by Luminator Holding, LP.