



National Transportation Safety Board

www.nts.gov/tiresafety

Docket submissions: tiresafety@nts.gov



**National
Transportation
Safety Board**

NTSB Tire Disablement Investigations

Peter Kotowski

December 9, 2014

Centerville, Louisiana

February 15, 2014

- Left rear tire tread separation
- Crossed median and collided with school bus
- 4 killed, 32 injured



Centerville, Louisiana

February 15, 2014

- 10 years old
- Poorly maintained



Lake City, Florida

February 21, 2014

- Left rear tire tread separation
- Ran off roadway and rolled
- 2 killed, 8 injured



Lake City, Florida

February 21, 2014

- Tire had been part of a safety recall in July 2012
- Recall notices sent but not received
- Rear right tire replaced 3 months before



Eloy, Arizona

March 29, 2014

- 2002 Ford F250 collided with tractor semitrailer after front tire tread separation
- 5 killed, 2 injured



Patterson, California

May 23, 2014

- 1999 Ford Explorer rolled over after tread separation on a 13-year-old right rear tire
- Driver killed



Investigative Issues

- Modes of tire failure and subsequent vehicle dynamics
- Scope of tire-related crashes
- Tire aging (Centerville and Patterson crashes)

Investigative Issues

- Tire registration and recall (Lake City)
- The effects of new technology on tire safety
- Tire maintenance, consumer education and training (Centerville)



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