



**CRASH SUMMARY REPORT**

**Williston, FL**

**HWY16FH018**

(2 pages)

## **A. CRASH INFORMATION**

Location: US 27A, milepost 29, near Williston, Levy County, Florida

Vehicle #1: 2015 Tesla Model S 70D

Operator #1: Private operator

Vehicle #2: 2014 Freightliner Cascadia truck tractor in combination with a 2003 Utility 3000R refrigerated semitrailer

Operator #2: Okemah Express, LLC, Palm Harbor, FL

Date: May 7, 2016

Time: 4:36 PM EDT

Fatalities: 1

NTSB #: HWY16FH018

## **B. CRASH SUMMARY**

At 4:36 p.m. eastern daylight time on Saturday, May 7, 2016, a 2015 Tesla Model S 70D passenger car, traveling eastbound on US Highway 27A (US-27A) near mile marker 29, in Levy County west of Williston, Florida, struck and passed beneath a 53-foot refrigerated semitrailer powered by a 2014 Freightliner Cascadia truck tractor. At the time of the collision, the truck was making a left turn from westbound US 27A across the two eastbound travel lanes onto NE 140th Court, a local paved road. After the passenger car struck and crossed underneath the semitrailer, it then traveled toward the right roadside at an approximate angle of 1.7 degrees, departing the roadway about 326 feet from the area of impact. The vehicle continued through a drainage culvert and two wire fences. The vehicle then struck and broke a utility pole, rotated counterclockwise and came to rest perpendicular to the highway in the front yard of a private residence. Overall, the approximate linear distance traveled by the Tesla after impact with the semitrailer was 910 feet. Impact with the right side of the semitrailer sheared off the roof of the passenger car. The driver and sole occupant of the passenger car died in the crash; the commercial truck driver was not injured.

System performance data downloaded from the passenger car indicated that its speed just prior to impact with the trailer was 74 mph. System performance data also revealed that the driver was operating the car using automated vehicle control systems: Traffic-Aware Cruise Control (TACC) and the Autosteer lane-keeping system.