

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division

Washington, D.C. 20594

December 2, 2006

Flight Data Recorder – 10 Ancillary Report

Specialist's Factual Report

A. EVENT

Location: Midway Airport, Chicago, Illinois
Date: December 8, 2005
Aircraft: B-737-7H4, N471WN
Operator: Southwest Airlines
NTSB Number: DCA06MA009

B. GROUP An FDR group was not convened for this readout.

C. SUMMARY

On December 8, 2005, 1914 central standard time, Southwest Airlines flight 1248, a Boeing B-737-7H4, registered as N471WN, overran runway 31C at Chicago Midway Airport in Chicago, Illinois, during the landing rollout. The airplane departed the end of the runway, rolled through a blast fence, a perimeter fence, and onto a roadway. The airplane came to a stop after impacting one automobile. There were 98 passengers and 5 crewmembers on board. There was one ground fatality. Instrument meteorological conditions prevailed at the time. The airplane was substantially damaged. The flight was conducted under 14 CFR Part 121 and had departed from the Baltimore/Washington International Thurgood Marshall Airport, Maryland.

D. DETAILS OF REPORT

Ancillary FDR data readouts were required by the NTSB Vehicle Recorder Division as a result of Systems Group activities performed on additional Southwest B737-700 aircraft. During the on-scene portion of the investigation, the Systems Group collected data on a Southwest 737-700, N483WN. The Systems Group met again on January 18 and 19, 2006 and gathered additional data using two other Southwest B737-700 aircraft, N794SW and N441WN. Southwest Airlines downloaded the recorder data from these aircraft after completion of the tests. Copies of the raw binary FDR data files were provided to the NTSB and the data were converted to engineering units using manufacturer's documentation.

This report contains the FDR data from the three ground tests that were provided to the Systems Group. For more detailed information regarding the ground tests and resulting data, please see the Systems Group Chairman's Factual Report for DCA06MA009.

The tabular FDR data from the testing performed on N483WN, N441WN and N794SW can be found as Attachments 1, 2, and 3, respectively. The files are in comma separated value (.CSV) format.

Erin Gormley
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Vehicle Recorder Division

Attachments

Attachment 1: N483WN FDR Tabular Data

Attachment 2: N441WN FDR Tabular Data

Attachment 3: N794SW FDR Tabular Data