

NTSB National Transportation Safety Board

Office of Aviation Safety

Delta Connection Flight 6448
Operated by Shuttle America
Cleveland, Ohio
February 18, 2007
Investigator-in-Charge
Presentation





Weather About 3:05 p.m.

- Winds 330 degrees at 16 knots, gusting to 22 knots (50-degree crosswind)
- Visibility 1/4 mile in heavy snow
- Ceiling broken at 600 feet and 1,700 feet, overcast at 3,400 feet
- Temperature -7 degrees Celsius



Weather About 3:17 p.m.

- Visibility 1/4 mile in heavy snow
- Ceiling broken at 300 feet and 1,000 feet, overcast at 1,500 feet



Runway Conditions

- Runway 28 plowing completed
 1 hour 19 minutes prior to landing
- Braking action reported as fair (based on 737 pilot report 9 minutes prior to landing)
- Snow again began falling
 29 minutes prior to the landing



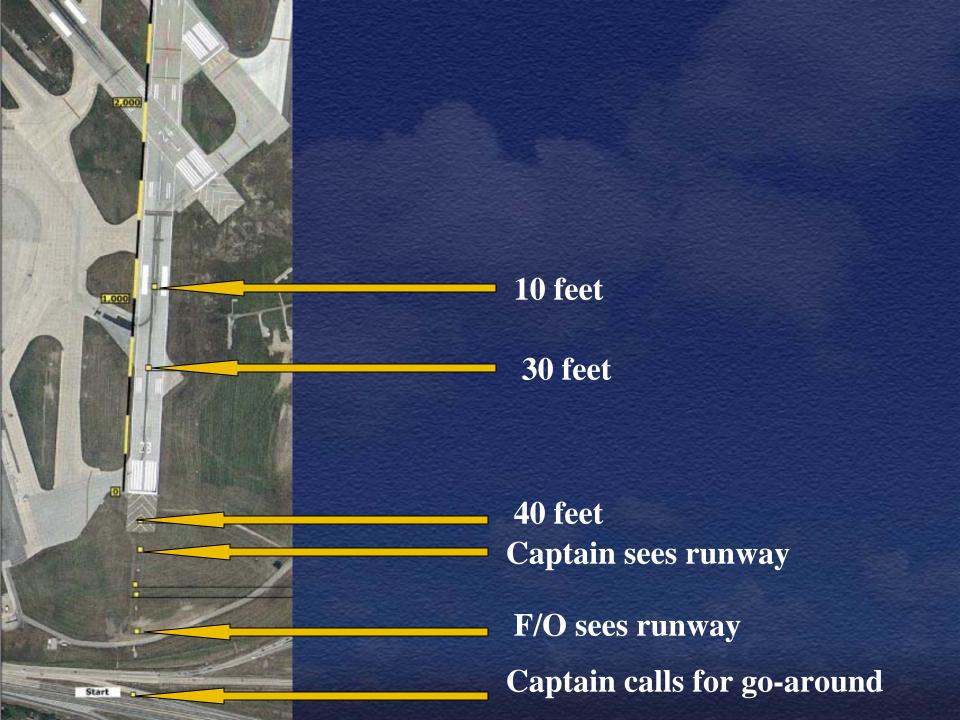
Aircraft Airframe, Systems, and Powerplant Conditions

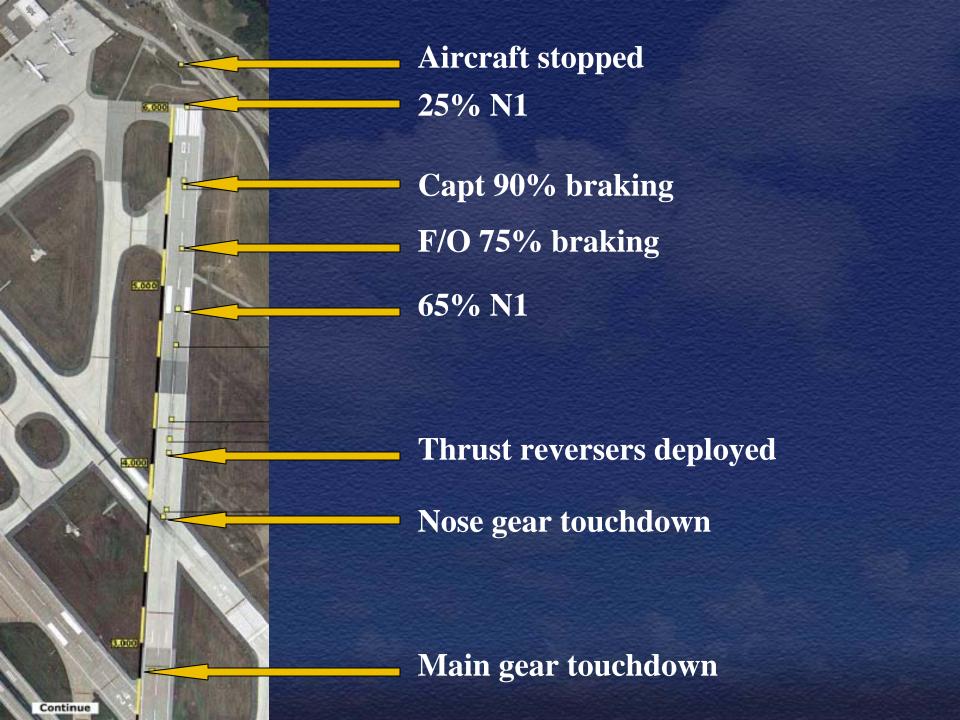
No aircraft anomalies











Safety Issues

 Lack of flight training for rejected landings in deteriorating weather conditions and maximum performance landings on contaminated runways



Safety Issues

- Need for standard operating procedures stating that either pilot can make a go-around callout
- Need for attendance policies that allows pilots to call in as fatigued when necessary



Parties to the Investigation

- Federal Aviation Administration
- Shuttle America, Inc.
- International Brotherhood of Teamsters (flight crew)
- Centro de Investigacao e Prevencao de Acidentes Aeronauticos (CINEPA - Brazil)
 - Embraer Aircraft Holding, Inc.





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