

**Southwest Airline Flight 1248
Chicago Midway Airport
December 8, 2006**

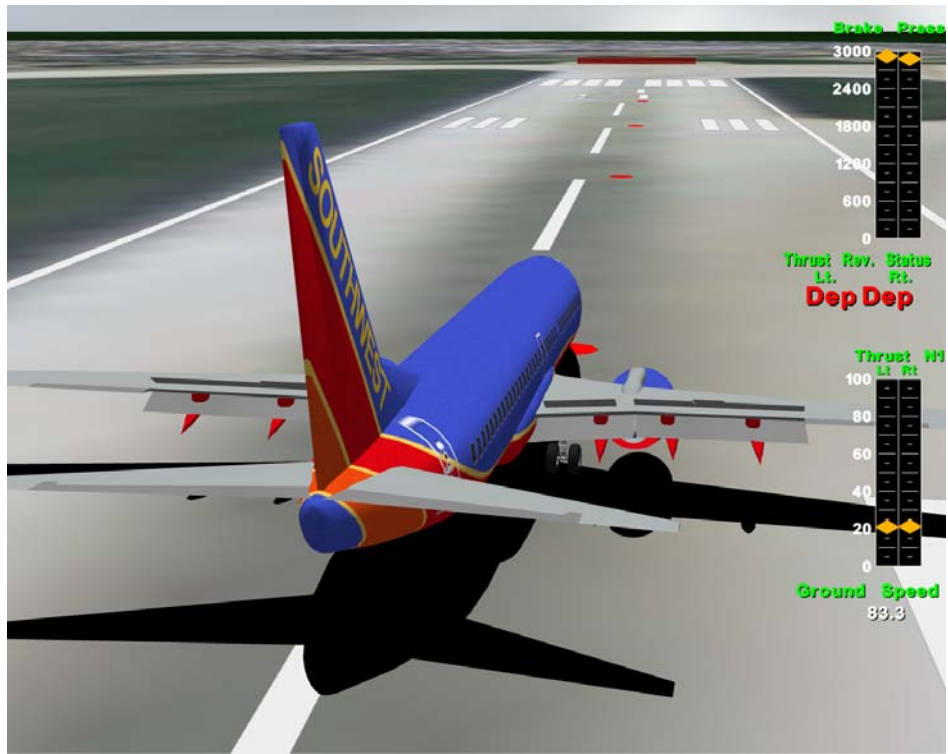
**Animation from Public Hearing
June 20 and 21, 2006**

A three dimensional animation of the December 8, 2005, landing of Southwest Airlines flight 1248 at Chicago's, Midway Airport, was created to show a real-time depiction of the landing from final approach through roll out. The animation displays information from the flight data recorder, cockpit voice recorder and aerial photograph of the Midway Airport and surrounding area. No attempt has been made to depict weather or visibility conditions at the time of the accident.

The animation uses a dimensionally correct model of a Boeing 737-700 to display aircraft configuration (landing gear down, flaps at 40°, spoiler position) and the motion of the aircraft (pitch, roll, heading) along the derived flight path and ground roll out. Selected excerpts from the cockpit voice recorder transcript and selected flight recorder parameters are superimposed as text at the time they occurred. In addition, flight data recorder parameters Brake Pressure (left and right), Engine Thrust (left and right), and Ground Speed are continuously displayed.

The following images are stills from the animation showing the point of spoiler deployment shortly after touchdown and the point at which the thrust reversers were fully deployed.





The Investigator In Charge as part of his opening presentation presented this animation.

A copy of the animation is available on a CD-ROM through the Records Management Division
490 L'Enfant Plaza, SW, Washington, DC 20594.

Phone: (800) 877-6799 or (202) 314-6551, [online request form](#)