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## Sudden-stop injury, Boeing 757-232, March 6, 2005

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**Micro-summary: A flight attendant was seriously injured on a Boeing 757-232 when the airplane suddenly stopped while taxiing.**

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**Event Date: 2005-03-06 at 1830 EST**

**Investigative Body: National Transportation Safety Board (NTSB), USA**


**Investigative Body's Web Site: <http://www.nts.gov/>**


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		NTSB ID: IAD05LA044		Aircraft Registration Number: N6710E	
		Occurrence Date: 03/06/2005		Most Critical Injury: Serious	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Boston		State MA	Zip Code 02101	Local Time 1830	Time Zone EST
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Boeing		Model/Series 757-232		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On March 6, 2005, about 1830 eastern standard time, a flight attendant was seriously injured onboard a Boeing 757-232, N6710E, operating as Delta Airlines flight 2054, when it suddenly stopped on a taxiway at General Edward Lawrence Logan International Airport (BOS), Boston, Massachusetts. There was no damage to the airplane. The captain, first officer, 1 flight attendant and 185 passengers were not injured, and 2 flight attendants and 1 passenger received minor injuries. Night visual meteorological conditions prevailed, and an instrument flight rules flight plan had been filed for the flight, between Logan and McCarran International Airport (LAS), Las Vegas, Nevada. The scheduled passenger flight was being conducted under 14 CFR Part 121.</p> <p>According to the captain's statement, after pushback from gate 21 and engine start, the crew was instructed to taxi to runway 22R via taxiway N. At that point, the airplane was pointed north, on taxiway A.</p> <p>The captain began the taxi, and turned right, onto taxiway N. Approaching the intersection with runway 15R/33L, at a ground speed of 12 knots, the first officer "abruptly yelled, 'stop the aircraft,'" and the captain brought the airplane to an immediate stop.</p> <p>After confirming no danger to the airplane, the crew advised ground control that they would hold their present position until they could check on the conditions in the cabin. When they did so, they found that one of the flight attendants had injured her elbow. The captain returned the airplane to the gate, and the flight attendant was replaced. Two additional flight attendants reported "some bruising but felt able to continue the flight."</p> <p>En route to Las Vegas, one of the two flight attendants advised the captain of back pain, and the other felt sick to her stomach. A passenger, seated in seat 23B, also reported back pain, and that he had recent back surgery.</p> <p>Upon arrival in Las Vegas, paramedics met the airplane. The passenger was released at that time, and the two flight attendants were taken to a hospital for further evaluation.</p> <p>According to the first officer, the reason he told the captain to stop was because another airplane was on the crossing runway. The first officer thought it could be holding number one for takeoff, and he wanted to ensure that his airplane was on the correct taxiway before crossing the runway.</p> <p>Delta Airlines Flight Safety Department personnel subsequently confirmed that one of the two flight attendants had been released from the hospital, but the other had remained in the hospital in excess of 48 hours with a herniated disk.</p> <p>According to U.S. Naval Observatory data, sunset occurred in Boston at 1740, and civil twilight ended at 1809.</p>					
FACTUAL REPORT - AVIATION					
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: IAD05LA044				
		Occurrence Date: 03/06/2005				
		Occurrence Type: Accident				
<b>Landing Facility/Approach Information</b>						
Airport Name General Edward Logan		Airport ID: BOS	Airport Elevation 19 Ft. MSL	Runway Used NA	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Type Instrument Approach: NONE						
VFR Approach/Landing: None						
<b>Aircraft Information</b>						
Aircraft Manufacturer Boeing		Model/Series 757-232		Serial Number 30482		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Retractable - Tricycle						
Homebuilt Aircraft? No		Number of Seats: 207	Certified Max Gross Wt. 232000 LBS		Number of Engines: 2	
Engine Type: Turbo Fan		Engine Manufacturer: Pratt & Whitney		Model/Series: PW2037	Rated Power: 38200 LBS	
- Aircraft Inspection Information						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 03/2005	Time Since Last Inspection Hours		Airframe Total Time 15053 Hours	
- Emergency Locator Transmitter (ELT) Information						
ELT Installed? No		ELT Operated? No		ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>						
Registered Aircraft Owner DELTA AIR LINES INC		Street Address 1775 Aviation Blvd				
		City Atlanta		State GA	Zip Code 30354	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner				
		City		State	Zip Code	
Operator Does Business As:				Operator Designator Code: DALA		
- Type of U.S. Certificate(s) Held:						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only						
FACTUAL REPORT - AVIATION						

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: IAD05LA044
	Occurrence Date: 03/06/2005
	Occurrence Type: Accident

**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 46
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Sex: M	Seat Occupied: Left	Principal Profession: Occupational Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s):

Type Rating/Endorsement for Accident/Incident Aircraft?	Current Biennial Flight Review? 10/2004
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Medical Cert.: Class 1	Medical Cert. Status:	Date of Last Medical Exam: 02/2005
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	9350	4701								
Pilot In Command(PIC)										
Instructor										
Last 90 Days	234									
Last 30 Days										
Last 24 Hours										

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: IFR

Departure Point Same as Accident/Incident Location	State	Airport Identifier BOS	Departure Time	Time Zone EST
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Destination Las Vegas	State NV	Airport Identifier LAS	
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Type of Clearance: IFR

Type of Airspace:

**Weather Information**

Source of Briefing: Company

Method of Briefing: Unknown

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: IAD05LA044
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**Weather Information**

WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
BOS	1854	EST	19 Ft. MSL	NM	Deg. Mag.

Sky/Lowest Cloud Condition: \_\_\_\_\_ Ft. AGL      Condition of Light: **Night**

Lowest Ceiling: **Broken**      4800 Ft. AGL      Visibility:      10      SM      Altimeter:      29.54      "Hg

Temperature:      3 °C      Dew Point:      -3 °C      Wind Direction: **240**      Density Altitude:      Ft.

Wind Speed: **17**      Gusts:      Weather Conditions at Accident Site: **Visual Conditions**

Visibility (RVR):      Ft.      Visibility (RVV)      SM      Intensity of Precipitation:

Restrictions to Visibility: **No Obscuration; No Precipitation**

Type of Precipitation:

**Accident Information**

Aircraft Damage: **None**      Aircraft Fire: **None**      Aircraft Explosion: **None**

Classification: **U.S. Registered/U.S. Soil**

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants		1	2	1	4
Other Crew					
Passengers			1	185	186
- TOTAL ABOARD -		1	3	188	192
Other Ground					
- GRAND TOTAL -		1	3	188	192

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: IAD05LA044

Occurrence Date: 03/06/2005

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

Paul R. Cox

Additional Persons Participating in This Accident/Incident Investigation:

Mary Risso  
FAA/FSDO  
Boston, MA