



National Transportation Safety Board Aviation Accident Data Summary

Location:	BOSTON, MA	Accident Number:	NYC00LA097
Date & Time:	02/03/2000, 0800 EST	Registration:	N397US
Aircraft:	Boeing 737-300	Injuries:	1 Serious, 59 None
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Analysis

While in cruise flight, the airplane encountered turbulence, and the flight attendants returned to their seats. The turbulence continued, and a cart began to break free. A flight attendant attempted to push the cart with her foot, and suffered a fracture.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
In flight encounter with turbulence.

Findings

Occurrence #1: IN FLIGHT ENCOUNTER WITH WEATHER
Phase of Operation: CRUISE

Findings

1. (C) WEATHER CONDITION - TURBULENCE

Pilot Information

Certificate:	Airline Transport	Age:	47
Airplane Rating(s):	Multi-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	13000 hours (Total, all aircraft), 4700 hours (Total, this make and model), 150 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	Boeing	Registration:	N397US
Model/Series:	737-300 737-300	Engines:	2 Turbo Jet
Operator:	US AIRWAYS	Engine Manufacturer:	Cfm
Operating Certificate(s) Held:	Flag carrier (121)	Engine Model/Series:	CFM56-3B2
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BOS, 20 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 16000 ft agl	Wind Speed/Gusts, Direction:	13 knots / , 280°
Temperature:	-8° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	, MA (BOS)	Destination:	WASHINGTON, DC (DCA)

Airport Information

Airport:	LOGAN INT'L AIRPORT (BOS)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 Serious, 4 None	Aircraft Damage:	None
Passenger Injuries:	55 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	ROBERT J GRETZ	Adopted Date:	11/29/2000
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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