



National Transportation Safety Board Aviation Accident Factual Report

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

On February 3, 2000, about 0800 Eastern Standard Time, a Boeing 737-300, N397US, encountered turbulence after departure from General Edward Lawrence Logan International Airport, Boston, Massachusetts. There was no damage to the airplane, which was owned and operated by US Airways as flight 6509. There were no injuries to 4 crewmembers and 55 passengers, while 1 crewmember was seriously injured. Visual meteorological conditions prevailed for the flight destined for Ronald Regan Washington National Airport, Washington, DC. An instrument flight rules flight plan was filed for the air carrier flight conducted under 14 CFR part 121.

The manager of Flight Safety at US Airways stated:

"The flight was dispatched with MEL No. 22-3, yaw damper inop. After level off and during initial passenger service the flight began to encounter turbulence that became progressively worse. The flight attendant returned the serving cart to its stowage bin and then strapped into her jumpseat. During the continued turbulence the cart began to break free. On instinct the flight attendant put up her foot to hold the cart; however, it pushed her foot backwards. At first, the flight attendant assumed her foot was just bruised and would get better on its own, it did not. She visited her own doctor who diagnosed that she had fractured the 5th metatarsal base of her left foot."

Pilot Information

Certificate:	Airline Transport	Age:	47, Male
Airplane Rating(s):	Multi-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	11/05/1999
Occupational Pilot:		Last Flight Review or Equivalent:	
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	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	23319
Landing Gear Type:	Retractable - Tricycle	Seats:	
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	138500 lbs
Time Since Last Inspection:		Engines:	2 Turbo Jet
Airframe Total Time:		Engine Manufacturer:	Cfm
ELT:	Installed, not activated	Engine Model/Series:	CFM56-3B2
Registered Owner:	US AIRWAYS	Rated Power:	20000 lbs
Operator:	US AIRWAYS	Operating Certificate(s) Held:	Flag carrier (121)
Operator Does Business As:		Operator Designator Code:	USAA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	BOS, 20 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0754 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	Broken / 16000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	13 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-8° C / -18° C
Precipitation and Obscuration:			
Departure Point:	, MA (BOS)	Type of Flight Plan Filed:	IFR
Destination:	WASHINGTON, DC (DCA)	Type of Clearance:	IFR
Departure Time:	0723 EST	Type of Airspace:	Class A

Airport Information

Airport:	LOGAN INT'L AIRPORT (BOS)	Runway Surface Type:	
Airport Elevation:	20 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

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
Total Injuries:	1 Serious, 59 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ROBERT J GRETZ
Additional Participating Persons:	JOHN DONAHUE; BOSTON, MA
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/ .