



National Transportation Safety Board Aviation Accident Factual Report

Location:	BALTIMORE, MD	Accident Number:	BFO90FA017
Date & Time:	01/02/1990, 0007 EST	Registration:	N109AA
Aircraft:	DOUGLAS DC-10	Aircraft Damage:	None
Defining Event:		Injuries:	3 Serious, 7 Minor, 247 None

Flight Conducted Under: Part 121: Air Carrier - Scheduled

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
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	12/05/1989
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	1506 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	DOUGLAS	Registration:	N109AA
Model/Series:	DC-10 DC-10	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	46509
Landing Gear Type:	Tricycle	Seats:	303
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	413000 lbs
Time Since Last Inspection:	0 Hours	Engines:	3 Turbo Fan
Airframe Total Time:		Engine Manufacturer:	GE
ELT:	Installed, not activated	Engine Model/Series:	CF6-6
Registered Owner:	UNKNOWN	Rated Power:	40000 lbs
Operator:	AMERICAN AIRLINES	Operating Certificate(s) Held:	Flag carrier (121)
Operator Does Business As:		Operator Designator Code:	AALA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	BWI, 146 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2350 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	12 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	280°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	1°C / -3°C
Precipitation and Obscuration:			
Departure Point:	DALLAS, TX (DFW)	Type of Flight Plan Filed:	IFR
Destination:	NEW YORK, NY (LGA)	Type of Clearance:	IFR
Departure Time:	2008 CST	Type of Airspace:	

Airport Information

Airport:	BALTIMORE-WASHINGTON (BWI)	Runway Surface Type:	Asphalt
Airport Elevation:	146 ft	Runway Surface Condition:	Dry
Runway Used:	28	IFR Approach:	None
Runway Length/Width:	9452 ft / 200 ft	VFR Approach/Landing:	Precautionary Landing

Wreckage and Impact Information

Crew Injuries:	10 None	Aircraft Damage:	None
Passenger Injuries:	3 Serious, 7 Minor, 237 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 Serious, 7 Minor, 247 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	DENNIS L JONES
Additional Participating Persons:	KEVEN WHITE; BALTIMORE, MD
Investigation Docket:	NTSB accident and incident docket 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/ .