



National Transportation Safety Board Aviation Incident Factual Report

Location:	DETROIT, MI	Incident Number:	CHI86MA056
Date & Time:	01/02/1986, 2321 EST	Registration:	N101AA
Aircraft:	MCDONNELL DOUGLAS DC-10-10	Aircraft Damage:	None
Defining Event:		Injuries:	236 None
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Pilot Information

Certificate:	Airline Transport	Age:	54, 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--w/ waivers/lim.	Last FAA Medical Exam:	09/17/1985
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	18950 hours (Total, all aircraft), 2466 hours (Total, this make and model), 125 hours (Last 90 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MCDONNELL DOUGLAS	Registration:	N101AA
Model/Series:	DC-10-10 DC-10-10	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	46500
Landing Gear Type:	Retractable - Tricycle	Seats:	268
Date/Type of Last Inspection:	Continuous Airworthiness	Certified Max Gross Wt.:	415000 lbs
Time Since Last Inspection:	18 Hours	Engines:	3 Turbo Fan
Airframe Total Time:	37283 Hours	Engine Manufacturer:	GE
ELT:	Not installed	Engine Model/Series:	CF6-6D
Registered Owner:	WILMINGTON TRUST COMPANY TRUST	Rated Power:	42500 lbs
Operator:	AMERICAN AIRLINES, INC.	Operating Certificate(s) Held:	Flag carrier (121)
Operator Does Business As:		Operator Designator Code:	AALA

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	DTW, 639 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	2250 EST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 900 ft agl	Visibility	4 Miles
Lowest Ceiling:	Overcast / 900 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	160°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	2° C / -1° C
Precipitation and Obscuration:			
Departure Point:	CHICAGO, IL (ORD)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	2218 EST	Type of Airspace:	Class D; Class E

Airport Information

Airport:	DETROIT METROPOLITAN (DTW)	Runway Surface Type:	Asphalt; Concrete
Airport Elevation:	639 ft	Runway Surface Condition:	Ice; Snow--compacted
Runway Used:	21C	IFR Approach:	Sidestep
Runway Length/Width:	8500 ft / 200 ft	VFR Approach/Landing:	Full Stop; Straight-in

Wreckage and Impact Information

Crew Injuries:	11 None	Aircraft Damage:	None
Passenger Injuries:	225 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	236 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	RONALD J SEBASTIAN
Additional Participating Persons:	JAMES BROWN; DETROIT, MI AL HASTINGS; WASHINGTON, DC JOHN FEIL; DALLAS, TX JIM CASH; WASHINGTON, DC
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/ .