



National Transportation Safety Board Aviation Incident Factual Report

Location:	MINNEAPOLIS, MN	Incident Number:	CHI89IA083
Date & Time:	05/02/1989, 1440 CDT	Registration:	N434AA
Aircraft:	MCDONNELL DOUGLAS DC-9-82	Aircraft Damage:	Minor
Defining Event:		Injuries:	96 None
Flight Conducted Under:	Part 121: Air Carrier - Scheduled		

Pilot Information

Certificate:	Airline Transport	Age:	39, Male
Airplane Rating(s):	Multi-engine Land; Single-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:	12/12/1988
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	7450 hours (Total, all aircraft), 150 hours (Last 90 days, all aircraft), 50 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MCDONNELL DOUGLAS	Registration:	N434AA
Model/Series:	DC-9-82 DC-9-82	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	49452
Landing Gear Type:	Retractable - Tricycle	Seats:	172
Date/Type of Last Inspection:	Continuous Airworthiness	Certified Max Gross Wt.:	140000 lbs
Time Since Last Inspection:		Engines:	2 Turbo Fan
Airframe Total Time:		Engine Manufacturer:	P&W
ELT:	Installed, not activated	Engine Model/Series:	JT8D-217A
Registered Owner:	AMERICAN AIRLINES	Rated Power:	14500 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:	Day
Observation Facility, Elevation:	MSP, 841 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1500 CDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	Broken / 7000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	9 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	290°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	13° C / -3° C
Precipitation and Obscuration:			
Departure Point:	SEATTLE, WA (SEA)	Type of Flight Plan Filed:	IFR
Destination:	CHICAGO, IL (ORD)	Type of Clearance:	IFR
Departure Time:	0940 PDT	Type of Airspace:	Class E

Airport Information

Airport:	MINNEAPOLIS ST PAUL INTL (MSP)	Runway Surface Type:	Asphalt; Concrete
Airport Elevation:	841 ft	Runway Surface Condition:	Dry
Runway Used:	29L	IFR Approach:	
Runway Length/Width:	10000 ft / 200 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	6 None	Aircraft Damage:	Minor
Passenger Injuries:	90 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	96 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	JODI L REEVES
Additional Participating Persons:	G. PHILLIPS; WASHINGTON, DC J. MEYER; MINNEAPOLIS, MN B. BUDOVEC; LONG BEACH, CA B. RICHARDS; TULSA, OK
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/ .