



# Aviation Investigation Final Report

<b>Location:</b>	BATON ROUGE, Louisiana	<b>Incident Number:</b>	FTW90IA043
<b>Date &amp; Time:</b>	December 11, 1989, 16:28 Local	<b>Registration:</b>	N416AA
<b>Aircraft:</b>	MCDONNELL DOUGLAS DC-9-82	<b>Aircraft Damage:</b>	None
<b>Defining Event:</b>		<b>Injuries:</b>	149 None
<b>Flight Conducted Under:</b>	Part 121: Air carrier - Scheduled		

## Analysis

AFTER LANDING, THE FLT CREW INITIATED A 135 DEG TURN OFF OF THE RWY & ONTO A TWY. ACCORDING TO FDR DATA, THE TURN WAS INITIATED AT 38 KIAS. THE CAPT RPRTD THAT THE NOSEWHEEL STEERING BECAME UNRESPONSIVE ABOUT 2/3 OF THE WAY THRU THE TURN. THE NOSEWHEEL WENT OFF THE TWY & INTO DEEP MUD. NO PROBLEMS WERE FOUND WITH THE NOSEWHEEL STEERING OR BRAKES.

## Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this incident to be: THE CAPTAIN'S EXCESSIVE SPEED DURING A TURN OFF OF THE RUNWAY, AND HIS FAILURE TO MAINTAIN DIRECTIONAL CONTROL. THE WET TAXIWAY WAS A RELATED FACTOR.

## Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER  
Phase of Operation: TAXI - FROM LANDING

### Findings

1. (F) AIRPORT FACILITIES, TAXIWAY CONDITION - WET
  2. (C) TAXISPEED - EXCESSIVE - PILOT IN COMMAND
  3. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER  
Phase of Operation: TAXI - FROM LANDING

Findings

4. TERRAIN CONDITION - SOFT

## Factual Information

### Pilot Information

<b>Certificate:</b>	Airline transport	<b>Age:</b>	53, Male
<b>Airplane Rating(s):</b>	Multi-engine land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	Yes
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 1 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	July 25, 1989
<b>Occupational Pilot:</b>	Yes	<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	6600 hours (Total, all aircraft), 1428 hours (Total, this make and model), 210 hours (Last 90 days, all aircraft), 6 hours (Last 24 hours, all aircraft)		

### Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	MCDONNELL DOUGLAS	<b>Registration:</b>	N416AA
<b>Model/Series:</b>	DC-9-82 DC-9-82	<b>Aircraft Category:</b>	Airplane
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	
<b>Airworthiness Certificate:</b>	Transport	<b>Serial Number:</b>	49327
<b>Landing Gear Type:</b>	Retractable - Tricycle	<b>Seats:</b>	149
<b>Date/Type of Last Inspection:</b>	Continuous airworthiness	<b>Certified Max Gross Wt.:</b>	150500 lbs
<b>Time Since Last Inspection:</b>		<b>Engines:</b>	2 Turbo fan
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	P&W
<b>ELT:</b>	Not installed	<b>Engine Model/Series:</b>	JT8D
<b>Registered Owner:</b>	MBB AMERICAN AIRLINES	<b>Rated Power:</b>	20000 Lbs thrust
<b>Operator:</b>		<b>Operating Certificate(s) Held:</b>	Flag carrier (121)
<b>Operator Does Business As:</b>	AMERICAN AIRLINES	<b>Operator Designator Code:</b>	AALA

## Meteorological Information and Flight Plan

<b>Conditions at Accident Site:</b>	Visual (VMC)	<b>Condition of Light:</b>	Day
<b>Observation Facility, Elevation:</b>		<b>Distance from Accident Site:</b>	
<b>Observation Time:</b>		<b>Direction from Accident Site:</b>	
<b>Lowest Cloud Condition:</b>	Unknown	<b>Visibility</b>	7 miles
<b>Lowest Ceiling:</b>	Overcast / 700 ft AGL	<b>Visibility (RVR):</b>	
<b>Wind Speed/Gusts:</b>	/	<b>Turbulence Type Forecast/Actual:</b>	/
<b>Wind Direction:</b>	240°	<b>Turbulence Severity Forecast/Actual:</b>	/
<b>Altimeter Setting:</b>	29 inches Hg	<b>Temperature/Dew Point:</b>	20°C / 18°C
<b>Precipitation and Obscuration:</b>	N/A - None - Haze		
<b>Departure Point:</b>	NASHVILLE , TN (BNA )	<b>Type of Flight Plan Filed:</b>	IFR
<b>Destination:</b>	(BTR )	<b>Type of Clearance:</b>	
<b>Departure Time:</b>	14:47 Local	<b>Type of Airspace:</b>	

## Airport Information

<b>Airport:</b>	METROPOLITAN RYAN FIELD BTR	<b>Runway Surface Type:</b>	Concrete
<b>Airport Elevation:</b>	71 ft msl	<b>Runway Surface Condition:</b>	Wet
<b>Runway Used:</b>	22	<b>IFR Approach:</b>	ILS
<b>Runway Length/Width:</b>	6900 ft / 150 ft	<b>VFR Approach/Landing:</b>	Full stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	7 None	<b>Aircraft Damage:</b>	None
<b>Passenger Injuries:</b>	142 None	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	149 None	<b>Latitude, Longitude:</b>	30.539968,-91.129165(est)

## Administrative Information

<b>Investigator In Charge (IIC):</b>	Roth, Eugene
<b>Additional Participating Persons:</b>	RICHARD TEMPLE; BATON ROUGE , LA
<b>Original Publish Date:</b>	August 26, 1992
<b>Last Revision Date:</b>	
<b>Investigation Class:</b>	<a href="#">Class</a>
<b>Note:</b>	
<b>Investigation Docket:</b>	<a href="https://data.nts.gov/Docket?ProjectID=23052">https://data.nts.gov/Docket?ProjectID=23052</a>

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