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## Emergency evacuation, McDonnell Douglas MD-82, January 10, 1993

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**Micro-summary:** Following a tower report of landing gear smoke, the captain ordered the evacuation of this MD-82.

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**Event Date:** 1993-01-10 at 1022 CST


**Investigative Body:** National Transportation Safety Board (NTSB), USA


**Investigative Body's Web Site:** <http://www.nts.gov/>


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1. Accident reports can be and sometimes are revised. Be sure to consult the investigative agency for the latest version before basing anything significant on content (e.g., thesis, research, etc).
  2. Readers are advised that each report is a glimpse of events at specific points in time. While broad themes permeate the causal events leading up to crashes, and we can learn from those, the specific regulatory and technological environments can and do change. ***Your company's flight operations manual is the final authority as to the safe operation of your aircraft!***
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		NTSB ID: FTW93IA064		Aircraft Registration Number: N7532A	
		Occurrence Date: 01/10/1993		Most Critical Injury: Minor	
		Occurrence Type: Incident		Investigated By: NTSB	
Location/Time					
Nearest City/Place DFW AIRPORT	State TX	Zip Code 75261	Local Time 1022	Time Zone CST	
Airport Proximity: On Airport		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series DC9-82		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On January 10, 1993, at 1022 central standard time (CST) a McDonnell Douglas DC9 82, N7532A, landed at DFW International Airport, Texas, following a flight from Lambert Field, St Louis, Missouri. During the landing roll the tower reported to the captain that smoke was emitting from the main landing gear. As the smoke continued to develop the captain ordered the airplane be evacuated by means of the emergency egress systems. No crew members were injured during the evacuation, however, of the 83 passengers and 6 crewmembers five passengers sustained minor injuries as they exited via the slide systems. There was no damage to the airplane and weather was visual meteorological conditions. The American Airlines airplane was operating under 14 CFR Part 121 as flight number 1279.</p> <p>An examination of the airplane by the operator (observed by a Federal Aviation Administration inspector) after its recovery revealed no damage, no evidence of heat discoloration, fire, and no hydraulic leaks or other fluids in the landing gear. The operator performed several high speed taxi tests and breaking tests, this did not produce any smoke. A review of the flight records indicated that the airplane was deiced prior to leaving St. Louis, Missouri.</p>					
FACTUAL REPORT - AVIATION					
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 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: FTW93IA064			
		Occurrence Date: 01/10/1993			
		Occurrence Type: Incident			
<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
DFW INTERNATIONAL	DFW	603 Ft. MSL	35	11388	150
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Type Instrument Approach:					
VFR Approach/Landing: Full Stop					
<b>Aircraft Information</b>					
Aircraft Manufacturer		Model/Series		Serial Number	
MCDONNELL DOUGLAS		DC9-82		49924	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 149	Certified Max Gross Wt.	140416 LBS	Number of Engines: 2	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Fan	P&W	JT8-217-B6	20000 LBS		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
AAIP	01/2000	Hours	6791 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated? No	ELT Aided in Locating Accident Site? No			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner		Street Address			
WILMINGTON TRUST COMPANY		RODNEY SQUARE NORTH			
		City	State	Zip Code	
		WILMINGTON	DE	19890	
Operator of Aircraft		Street Address			
AMERICAN AIRLINES					
		City	State	Zip Code	
		DFW AIRPORT	TX	75261	
Operator Does Business As:			Operator Designator Code: AAL		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only					
FACTUAL REPORT - AVIATION					

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: FTW931A064
	Occurrence Date: 01/10/1993
	Occurrence Type: Incident

**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 41
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Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport

Airplane Rating(s): Multi-engine Land

Rotorcraft/Glider/LTA: None

Instrument Rating(s): Airplane

Instructor Rating(s): None

Type Rating/Endorsement for Accident/Incident Aircraft? Yes	Current Biennial Flight Review?
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Medical Cert.: Class 1	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 08/1992
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	11000	290								
Pilot In Command(PIC)										
Instructor										
Last 90 Days	200	200								
Last 30 Days										
Last 24 Hours	6	6								

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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**Flight Plan/Itinerary**

Type of Flight Plan Filed: IFR

Departure Point ST LOUIS	State MO	Airport Identifier STL	Departure Time 0825	Time Zone CST
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Destination Same as Accident/Incident Location	State	Airport Identifier	
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Type of Clearance: IFR

Type of Airspace: Class B

**Weather Information**

Source of Briefing: Company

Method of Briefing:

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: FTW93IA064
	Occurrence Date: 01/10/1993
	Occurrence Type: Incident

<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
	0000		0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Unknown			1400 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: Broken		1400 Ft. AGL	Visibility: 10 SM	Altimeter: 30.00	"Hg
Temperature: -1 °C	Dew Point: -3 °C	Wind Direction: 340		Density Altitude: Ft.	
Wind Speed: 9	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

<b>Accident Information</b>		
Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None

Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants				4	4
Other Crew					
Passengers			5	78	83
- TOTAL ABOARD -			5	84	89
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	5	84	89

National Transportation Safety Board

**FACTUAL REPORT**

**AVIATION**



NTSB ID: FTW931A064

Occurrence Date: 01/10/1993

Occurrence Type: Incident

Administrative Information

Investigator-In-Charge (IIC)

MATTHEW ELLIS

Additional Persons Participating in This Accident/Incident Investigation:

T DANIELLS

FAA FSDO

DFW INTERNATIONAL, TX