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## Pilot incapacitation, Lockheed L-1011-385-1, June 8, 1996

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**Micro-summary:** The captain of this Lockheed L-1011-385-1 was incapacitated in flight.

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**Event Date:** 1996-06-08 at 1100 MDT


**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!***
  3. Reports may or may not represent reality. Many many non-scientific factors go into an investigation, including the magnitude of the event, the experience of the investigator, the political climate, relationship with the regulatory authority, technological and recovery capabilities, etc. It is recommended that the reader review all reports analytically. Even a "bad" report can be a very useful launching point for learning.
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		NTSB ID: FTW96IA240		Aircraft Registration Number: N11004	
		Occurrence Date: 06/08/1996		Most Critical Injury: None	
		Occurrence Type: Incident		Investigated By: NTSB	
Location/Time					
Nearest City/Place DENVER		State CO	Zip Code 80216	Local Time 1100	Time Zone MDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:		Direction From Airport:	
Aircraft Information Summary					
Aircraft Manufacturer Lockheed		Model/Series L-1011-385-1		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 June 8, 1996, at 1100 mountain daylight time a Lockheed 1011-385-1, N11004, operated by Trans World Airlines, Inc., as flight 840 from Los Angeles, California, to New York, New York, notified Denver ARTCC that the captain had apparently suffered a heart attack. The aircraft landed without incident at Denver International Airport, Denver, Colorado. There was no damage to the aircraft and no injuries to the 12 crew members and 190 passengers. The flight was operating under Title 14 CFR Part 121 when the incident occurred and an IFR flight plan was filed. Visual meteorological conditions prevailed.</p> <p>According to information provided by the Federal Aviation Administration (FAA), approximately 30 minutes into the flight, the captain began experiencing chest pain. The flight diverted to Denver, Colorado, where the first officer made an uneventful landing and the captain taxied the aircraft to the gate (the L-1011 has no nose wheel steering on the first officer's side).</p> <p>The captain was transported by ambulance to Aurora Presbyterian Hospital, Aurora, Colorado, where he was seen by emergency physicians. According to emergency room records, he had no history of cardiovascular disease. He reported he had been experiencing intermittent retrosternal chest pain since the previous day which was becoming more continuous with radiation to his left jaw and left arm. The clinical impression was chest pain with possible unstable angina, Although his electrocardiogram (EKG) was normal, and was inconsistent with acute myocardial infarction. He was admitted to the critical care unit in stable condition and transferred to a medical floor.</p> <p>The 56 year old captain had his last physical on May 20, 1996, with no pathological codes present. He had no significant medical history and took no medications. He had approximately 18,000 hours total flight time, approximately 1,100 hours in this make and model aircraft, 57 hours in the last 90 day, 35 hours in the last 30 days, and 2 hours in the previous 24 hours.</p> <p>He has since been released to the care of his personal physician.</p>					
FACTUAL REPORT - AVIATION					

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: FTW96IA240			
		Occurrence Date: 06/08/1996			
		Occurrence Type: Incident			
<b>Landing Facility/Approach Information</b>					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used 0	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Type Instrument Approach: Visual					
VFR Approach/Landing: Precautionary Landing					
<b>Aircraft Information</b>					
Aircraft Manufacturer Lockheed		Model/Series L-1011-385-1		Serial Number 193B-1016	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 358	Certified Max Gross Wt.	430000 LBS	Number of Engines: 3	
Engine Type: Turbo Fan	Engine Manufacturer: Rolls-Royce	Model/Series: RB-211	Rated Power: 42000 LBS		
- Aircraft Inspection Information					
Type of Last Inspection Unknown	Date of Last Inspection	Time Since Last Inspection Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated?	ELT Aided in Locating Accident Site?			
<b>Owner/Operator Information</b>					
Registered Aircraft Owner TRANS WORD AIRLINES		Street Address P. O. BOX 20126			
		City KANSAS CITY	State MO	Zip Code 64195	
Operator of Aircraft Same as Reg'd Aircraft Owner		Street Address Same as Reg'd Aircraft Owner			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code: TWAA		
- 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					

 <p><b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b></p>	NTSB ID: FTW961A240
	Occurrence Date: 06/08/1996
	Occurrence Type: Incident

**First Pilot Information**

Name On File	City On File	State On File	Date of Birth On File	Age 56
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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; Commercial; Flight Engineer

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?

Medical Cert.: Class 1      Medical Cert. Status: Valid Medical--no waivers/lim.      Date of Last Medical Exam: 05/1996

- 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	18184	1140								
Pilot In Command(PIC)	5449	34								
Instructor										
Last 90 Days	57									
Last 30 Days	35									
Last 24 Hours	2	2								

Seatbelt Used? Yes      Shoulder Harness Used? Yes      Toxicology Performed? No      Second Pilot? Yes

**Flight Plan/Itinerary**

Type of Flight Plan Filed: IFR				
Departure Point	State	Airport Identifier	Departure Time	Time Zone
LOS ANGELES	CA	LAX	0000	
Destination	State	Airport Identifier		
NEW YORK	NY	JFK		


Type of Clearance: IFR

Type of Airspace: Class A

**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: FTW96IA240
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**Weather Information**

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	0 Ft. AGL	Condition of Light: Day
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Lowest Ceiling: Unknown	0 Ft. AGL	Visibility: 0	SM	Altimeter: "Hg
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Temperature: °C	Dew Point: °C	Wind Direction:	Density Altitude: Ft.
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Wind Speed:	Gusts:	Weather Conditions at Accident Site: Visual Conditions
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Visibility (RVR): 0 Ft.	Visibility (RVV) 0	SM	Intensity of Precipitation: Unknown
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Restrictions to Visibility: None

Type of Precipitation: None

**Accident Information**

Aircraft Damage: None	Aircraft Fire: None	Aircraft Explosion: None
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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				1	1
Cabin Attendants				9	9
Other Crew					
Passengers					
- TOTAL ABOARD -				12	12
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	12	12

National Transportation Safety Board

**FACTUAL REPORT**  
**AVIATION**



NTSB ID: FTW96IA240

Occurrence Date: 06/08/1996

Occurrence Type: Incident

Administrative Information

Investigator-In-Charge (IIC)

NORMAN F. WIEMEYER

Additional Persons Participating in This Accident/Incident Investigation: