



National Transportation Safety Board Aviation Accident Final Report

Location:	MONROE, LA	Accident Number:	FTW88MA047
Date & Time:	01/08/1988, 0519 CST	Registration:	N79SF
Aircraft:	GATES LEARJET 36A	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal
Flight Conducted Under:	Part 135: Air Taxi & Commuter - Non-scheduled		

Analysis

THE CREW WAS EXECUTING THE ILS APPROACH AND HAD TURNED BACK INBOUND ON THE PROCEDURE TURN TO THE OUTER MARKER WHEN THE CO-PILOT STATED THEY WERE 5.9 DME IN A CALM VOICE WITH NO INDICATION OF A PROBLEM. IMPACT WITH THE GROUND OCCURRED AT ABOUT 5.9 DME, APPROXIMATELY 10 STATUTE MILES FROM THE AIRPORT, WHILE THE AIRCRAFT WAS IN A SLIGHT NOSEUP, SLIGHT RIGHT WING DOWN ATTITUDE, WITH A HIGH VERTICAL RATE OF DESCENT, AND A HIGH FORWARD SPEED. THE AIRCRAFT WAS DEMOLISHED. NO EVIDENCE OF A PRE-IMPACT FAILURE OR MALFUNCTION OF THE AIRCRAFT OR ITS SYSTEMS COULD BE FOUND. THE COPILOT WAS NOT RATED IN THE AIRCRAFT AND HAD LOGGED A TOTAL OF 7.9 HOURS OF JET TIME IN HIS PERSONAL LOGBOOK.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: APPROACH - IAF TO FAF/OUTER MARKER (IFR)

Findings

1. (C) DESCENT - EXCESSIVE - PILOT IN COMMAND
2. (F) INATTENTIVE - PILOT IN COMMAND
3. (C) LEVEL OFF - NOT PERFORMED - PILOT IN COMMAND
4. (F) LACK OF TOTAL EXPERIENCE IN TYPE OF AIRCRAFT - COPILOT/SECOND PILOT

Factual Information

Pilot Information

Certificate:	Airline Transport; Flight Instructor	Age:	32, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	Airplane Multi-engine; Airplane Single-engine; Instrument Airplane	Toxicology Performed:	Yes
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	07/06/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3355 hours (Total, all aircraft), 528 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	GATES LEARJET	Registration:	N79SF
Model/Series:	36A 36A	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Transport	Serial Number:	041
Landing Gear Type:	Retractable - Tricycle	Seats:	2
Date/Type of Last Inspection:	12/26/1987, Continuous Airworthiness	Certified Max Gross Wt.:	18000 lbs
Time Since Last Inspection:		Engines:	2 Turbo Fan
Airframe Total Time:	3039 Hours	Engine Manufacturer:	GARRETT
ELT:	Not installed	Engine Model/Series:	TFE-731-2-2B
Registered Owner:	PHOENIX AIR	Rated Power:	3500 lbs
Operator:	PHOENIX AIR	Operating Certificate(s) Held:	On-demand Air Taxi (135)

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	MLU, 79 ft msl	Distance from Accident Site:	9 Nautical Miles
Observation Time:	0552 CST	Direction from Accident Site:	45°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	Overcast / 1000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	20°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-4° C / -8° C
Precipitation and Obscuration:			
Departure Point:	MEMPHIS, TN (MEM)	Type of Flight Plan Filed:	IFR
Destination:		Type of Clearance:	IFR
Departure Time:	0432 CST	Type of Airspace:	Class E

Airport Information

Airport:	MONROE REG. (MLU)	Runway Surface Type:	Asphalt; Concrete
Airport Elevation:	79 ft	Runway Surface Condition:	Ice
Runway Used:	4	IFR Approach:	ILS
Runway Length/Width:	7507 ft / 150 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	2 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	ARMOND V EDWARDS	Report Date:	12/29/1989
Additional Participating Persons:	JEAN PYATT; WASHINGTON, DC JOHN ABEL; BATON ROUGE, LA MYRON HIRANO; WICHITA, KS LARRY JONES		
Publish Date:			
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/ .		

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