



National Transportation Safety Board Aviation Accident Data Summary

Location:	HANNA CITY, IL	Accident Number:	CHI87FA040
Date & Time:	12/02/1986, 0349 CST	Registration:	N9210M
Aircraft:	MOONEY M20E	Injuries:	4 Fatal
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE AIRCRAFT STRUCK POWER LINES AND CRASHED TWO MILES FROM THE END OF THE RUNWAY ON FINAL APPROACH GROUND TRACK AFTER BEING CLEARED FOR AN ILS APPROACH. THE ACCIDENT OCCURRED AT THE END OF A THREE LEG CROSS-COUNTRY FLIGHT FROM THE BAHAMAS WHICH BEGAN APRX 8 1/2 HOURS BEFORE THE ACCIDENT. MUCH OF THE FLYING TIME DURING THIS TRIP WAS IN IFR CONDITIONS. THE PILOT WAS VERY FAMILIAR WITH THE LOCAL AREA AND HAD FLOWN THE ILS APPROACH IN QUESTION MANY TIMES.

Probable Cause

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

Findings

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

- Findings
1. (F) OBJECT - WIRE, TRANSMISSION
 2. (C) PROPER GLIDEPATH - NOT MAINTAINED - PILOT IN COMMAND
 3. (F) FATIGUE (FLIGHT AND GROUND SCHEDULE) - PILOT IN COMMAND
 4. (C) PROPER DESCENT RATE - NOT MAINTAINED - PILOT IN COMMAND
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Occurrence #2: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: DESCENT - UNCONTROLLED

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Pilot Information

Certificate:	Commercial	Age:	34
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	889 hours (Total, all aircraft), 20 hours (Total, this make and model), 789 hours (Pilot In Command, all aircraft), 58 hours (Last 90 days, all aircraft), 27 hours (Last 30 days, all aircraft), 8 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N9210M
Model/Series:	M20E M20E	Engines:	1 Reciprocating
Operator:	PEGASUS AERO ASSOC., INC.	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	IO-360-A1A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	PIA, 660 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Obscured / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 70°
Temperature:	3°C	Visibility	0 Miles
Precipitation and Obscuration:			
Departure Point:	NASHVILLE, TN (BNA)	Destination:	

Airport Information

Airport:	GREATER PEORIA AIRPORT (PIA)	Runway Surface Type:	Asphalt
Runway Used:	31	Runway Surface Condition:	Wet
Runway Length/Width:	8000 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	3 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): ROBERT P BENZON

Adopted Date: 02/03/1988

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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The Independent Safety Board Act, as codified at 49 U.S.C. Section 1154(b), precludes the admission into evidence or use of any part of an NTSB report related to an incident or accident in a civil action for damages resulting from a matter mentioned in the report.