



National Transportation Safety Board Aviation Accident Final Report

Location:	MIAMI, FL	Accident Number:	MIA82FA045
Date & Time:	02/11/1982, 0546 EST	Registration:	N24CC
Aircraft:	CESSNA 421	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	2 Fatal

Flight Conducted Under: Part 91: General Aviation -

Analysis

THE FLIGHT DEPARTED THE TAMiami AIRPORT, MIAMI, FLORIDA AT APPROXIMATELY 2100 EST ON FEBRUARY 9, 1982. THERE WAS NO FLIGHT PLAN FILED AND THE PURPOSE, DESTINATION, AND LOCATIONS OF POSSIBLE ENROUTE STOPS WERE NOT DETERMINED. THE NEXT REPORTED COMMUNICATION WITH THE FLIGHT WAS AT 0533 ON FEBRUARY 11, 1982 WHEN THE FOLLOWING TRANSMISSION WAS RECORDED ON THE MIAMI INTERNATIONAL AIRPORT'S CONTROL TOWER FREQUENCY: "MAYDAY-MAYDAY-MAYDAY TWIN CESSNA 421CC GOING IN WEST OF MIAMI, GOING IN WEST OF MIAMI." THE AIRCRAFT INITIALLY IMPACTED THE TERRAIN WHILE ON AN EASTERLY HEADING IN A NEAR LEVEL ATTITUDE. IT BOUNCED AND IMPACTED THE SECOND TIME IN A 40 DEGREE NOSE DOWN ATTITUDE AND FLIPPED INVERTED. THE WING FUEL TANKS RUPTURED IN THE CRASH BUT THE MAIN TANKS WERE INTACT AND FOUND VOID OF FUEL. BOTH PROPELLERS SEPARATED DURING THE CRASH SEQUENCE AND THE BLADE DISTORTIONS WERE NOT INDICATIVE OF POWER AT THE TIME OF IMPACT.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF ENGINE POWER(TOTAL) - NONMECHANICAL
Phase of Operation: CRUISE

Findings

1. (C) FLUID,FUEL - EXHAUSTION
2. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
3. (C) JUDGMENT - POOR - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

4. (F) WEATHER CONDITION - FOG
5. (F) LIGHT CONDITION - DARK NIGHT
6. (F) TERRAIN CONDITION - ROUGH/UNEVEN

Factual Information

Pilot Information

Certificate:	Airline Transport	Age:	29, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Unknown
Other Aircraft Rating(s):		Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	
Medical Certification:	Class 1 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	04/24/1981
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2850 hours (Total, all aircraft), 560 hours (Total, this make and model), 2440 hours (Pilot In Command, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N24CC
Model/Series:	421 421	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	421-0043
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	6800 lbs
Time Since Last Inspection:	19 Hours	Engines:	2 Reciprocating
Airframe Total Time:	3096 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	GTSIO-520-D
Registered Owner:		Rated Power:	375 hp
Operator:	BRUCE L. MCWHORTER	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	MIA, 0 ft msl	Distance from Accident Site:	11 Nautical Miles
Observation Time:	0540	Direction from Accident Site:	70°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	0 Miles
Lowest Ceiling:	Unknown / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	3 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	68° C / 0° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Fatal	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	2 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	Report Date:	02/11/1983
Additional Participating Persons:		
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 pubinquiry@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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).