



National Transportation Safety Board Aviation Accident Final Report

Location:	DELAND, FL	Accident Number:	MIA88FA005
Date & Time:	10/07/1987, 1150 EDT	Registration:	N8043Q
Aircraft:	CESSNA 421B	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	5 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE ACFT WAS OBSERVED TO BE FLYING SLOWLY, THEN ROLL STEEPLY TO THE LEFT AND DIVE INTO AN UNOCCUPIED HOUSE FROM ABOUT 300 FT SHORTLY AFTER TAKEOFF. THE PLT HAD CONSIDERABLE FLT TIME BUT HE HAD NOT FLOWN THIS MODEL, EXCEPT FOR A 35 MIN CHECKOUT THAT MORNING. THE CHECKOUT CONSISTED OF 3 TAKEOFFS & LANDINGS. THE PLT'S FRIEND, A RATED PLT WITHOUT A MULTIENGINE RATING, SAT IN THE RIGHT COCKPIT SEAT & HAD LOGGED FLT TIME IN THE PLT'S OTHER TWIN AIRCRAFT. A WITNESS STATED THE PLT LOOKED PALE & APPEARED TROUBLED JUST BEFORE THE FLT. THE AUTOPSY OF THE PLT REVEALED THE LEFT MAIN CORONARY ARTERY WAS BLOCKED EXCEPT FOR A 'PINHOLE' OPENING. THE DOCTOR STATED THE CONDITION COULD HAVE CAUSED A SEIZURE BUT COULD NOT SAY WHETHER IT HAD ANY BEARING ON THIS ACCIDENT. NO EVIDENCE COULD BE FOUND TO INDICATE ANY PREIMPACT MALFUNCTION OR FAILURE WITH THE AIRFRAME, PROPELLERS, OR ENGINES. THE ACFT WAS ESTIMATED TO BE 134 POUNDS OVER GROSS WEIGHT.

Probable Cause and Findings

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

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) AIRCRAFT WEIGHT AND BALANCE - EXCEEDED - PILOT IN COMMAND
 2. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
 3. PHYSICAL IMPAIRMENT(OTHER CARDIOVASCULAR) - PILOT IN COMMAND
 4. (C) STALL - INADVERTENT - PILOT IN COMMAND
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Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - UNCONTROLLED

Findings

5. OBJECT - RESIDENCE

Factual Information

Pilot Information

Certificate:	Commercial	Age:	68, Male
Airplane Rating(s):	Multi-engine Land; Multi-engine Sea; Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	Yes
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	07/14/1987
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	18000 hours (Total, all aircraft), 1 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8043Q
Model/Series:	421B 421B	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	421B0043
Landing Gear Type:	Retractable - Tricycle	Seats:	8
Date/Type of Last Inspection:	01/31/1987, Annual	Certified Max Gross Wt.:	7250 lbs
Time Since Last Inspection:		Engines:	2 Reciprocating
Airframe Total Time:	2600 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed	Engine Model/Series:	GTSIO-520H
Registered Owner:	BLACKWING AVIATION	Rated Power:	375 hp
Operator:	SAGER, WILLIAM F.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	DAB, 35 ft msl	Distance from Accident Site:	18 Nautical Miles
Observation Time:	1149 EDT	Direction from Accident Site:	50°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	340°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	26° C / 13° C
Precipitation and Obscuration:			
Departure Point:	DELAND, FL (DED)	Type of Flight Plan Filed:	None
Destination:	PUNTA GORDA, FL (PGD)	Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Airport Information

Airport:	DELAND (DED)	Runway Surface Type:	Asphalt
Airport Elevation:	80 ft	Runway Surface Condition:	Dry
Runway Used:	30	IFR Approach:	None
Runway Length/Width:	6003 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 Fatal	Aircraft Damage:	Destroyed
Passenger Injuries:	4 Fatal	Aircraft Fire:	On-Ground
Ground Injuries:	N/A	Aircraft Explosion:	On-Ground
Total Injuries:	5 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	RONALD W BIRD	Report Date:	05/16/1989
Additional Participating Persons:	ROBERT A WHITE; WICHITA, KS GARY CHEATUM; WICHITA, KS M R BRIDGEWATER; MOBILE, AL		
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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