



National Transportation Safety Board Aviation Accident Final Report

Location:	LORIS, SC	Accident Number:	ATL84FA090
Date & Time:	02/01/1984, 2136 EST	Registration:	N6141N
Aircraft:	BEECH 23	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	4 Fatal

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE ESTIMATED TIME OF TAKEOFF WAS ABOUT 1930 EST. THE ROUTE OF FLT BEFORE 2000 EST WAS NOT KNOWN. AT APRX 2005, THE PLT REPORTED THAT HE WAS UNSURE OF HIS POSITION. SHORTLY AFTER THAT, THE ACFT WAS IDENTIFIED OVER A MILITARY FIRING RANGE. THE PLT WAS VECTORED FROM THE RANGE TOWARD OCEAN ISLE, NC. AT 2052, THE PLT ACKNOWLEDGED INSTRUCTIONS TO CHANGE TO MYRTLE BEACH APCH CONTROL FREQ, BUT HE DID NOT CONTACT APCH CONTROL. SUBSEQUENTLY, A FEMALE PASSENGER RADIOED THAT THE PLT WAS UNCONSCIOUS & THAT THEY WERE LOST. ATC & THE PLT OF ANOTHER ACFT TRIED TO ASSIST, BUT THE PASSENGER WAS EXTREMELY EXCITED & COMMUNICATION WITH HER WAS VERY DIFFICULT. THE PLT OF THE OTHER ACFT THOUGHT HE HEARD A MALE VOICE IN THE BACKGROUND STATE 'GIVE ME SOME AIR.' SUBSEQUENTLY, THE ACFT CRASHED (AT NIGHT) WHILE IN A STEEP NOSE DOWN. SLIGHTLY INVERTED, R WING LOW ATTITUDE. TOXICOLOGICAL TESTS SHOWED THAT THE PLT & 3 PASSENGERS HAD THE FOLLOWING CARBON MONOXIDE LEVELS: 24%, 22%, 35% & 44%. THE EXACT POSITION OF A CARBON MONOXIDE LEAK WAS NOT FOUND.

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: CRUISE

Findings

1. (F) LIGHT CONDITION - DARK NIGHT
2. (C) EXHAUST SYSTEM - LEAK
3. BECAME LOST/DISORIENTED - INADVERTENT - PILOT IN COMMAND
4. (F) PHYSICAL IMPAIRMENT(CARBON MONOXIDE) - PILOT IN COMMAND
5. UNSAFE/HAZARDOUS CONDITION - NOT IDENTIFIED - PILOT IN COMMAND
6. AIRCRAFT HANDLING - UNCONTROLLED - PILOT IN COMMAND
7. (C) INCAPACITATION(CARBON MONOXIDE) - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER

Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	27, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	Yes
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	10/04/1983
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	160 hours (Total, all aircraft), 131 hours (Total, this make and model), 133 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 5 hours (Last 30 days, all aircraft), 4 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BEECH	Registration:	N6141N
Model/Series:	23 23	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	M-1224
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	05/05/1983, Annual	Certified Max Gross Wt.:	2450 lbs
Time Since Last Inspection:	125 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1470 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-360-A2G
Registered Owner:	BEECH 180 CLUB, INC.	Rated Power:	180 hp
Operator:	BEECH 180 CLUB, INC.	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Night/Dark
Observation Facility, Elevation:	MYR, 26 ft msl	Distance from Accident Site:	22 Nautical Miles
Observation Time:	2155 EST	Direction from Accident Site:	180°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	5 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	-1°C / -2°C
Precipitation and Obscuration:			
Departure Point:	HARTSVILLE, SC (HVS)	Type of Flight Plan Filed:	None
Destination:	OCEAN ISLE, NC (60J)	Type of Clearance:	None
Departure Time:	1930 EST	Type of Airspace:	Class G

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
Total Injuries:	4 Fatal	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	JOHN B DRAKE	Report Date:	
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](#).