



National Transportation Safety Board Aviation Accident Final Report

Location:	LAKE WACCAMAW, NC	Accident Number:	ATL92FA111
Date & Time:	06/01/1992, 1230 EDT	Registration:	N757VN
Aircraft:	CESSNA 152	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Fatal, 1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT REPORTED THAT THE AIRCRAFT ENGINE HAD A PARTIAL LOSS OF POWER, AND HE WAS UNABLE TO MAINTAIN ALTITUDE. HE STATED THAT HE APPLIED CARBURETOR HEAT, AND THE ENGINE REGAINED POWER. HE STATED THAT BY THE TIME THE ENGINE REGAINED POWER, HE WAS TOO LOW AND THE AIRCRAFT CONTACTED THE WATER. THE TEMPERATURE AND DEWPOINT IN THE ACCIDENT AREA AT THE TIME WERE CONDUCIVE FOR THE FORMATION OF CARBURETOR ICE.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE FAILURE OF THE PILOT TO FOLLOW PROPER PROCEDURES WHILE OPERATING THE AIRCRAFT IN WEATHER CONDITIONS FAVORABLE TO CARBURETOR ICING. A FACTOR IN THE ACCIDENT WAS THE WEATHER CONDITION, WHICH WAS FAVORABLE FOR THE FORMATION OF CARBURETOR ICE.

Findings

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

Findings

1. SINGLE ENGINE AIRCRAFT
2. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
3. (C) IN-FLIGHT PLANNING/DECISION - IMPROPER - PILOT IN COMMAND

Occurrence #2: FORCED LANDING
Phase of Operation: DESCENT - EMERGENCY

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

Factual Information

Pilot Information

Certificate:	Private	Age:	21, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt, Shoulder harness
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:	01/06/1992
Occupational Pilot:	Last Flight Review or Equivalent:		
Flight Time:	130 hours (Total, all aircraft), 63 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N757VN
Model/Series:	152 152	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	15280039
Landing Gear Type:	Tricycle	Seats:	2
Date/Type of Last Inspection:	05/08/1992, Annual	Certified Max Gross Wt.:	1670 lbs
Time Since Last Inspection:	170 Hours	Engines:	1 Reciprocating
Airframe Total Time:	4758 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-235-L2C
Registered Owner:	BAIN, JAMES B.	Rated Power:	110 hp
Operator:	AHMAD, MIRZA SULMAN	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ILM, 32 ft msl	Distance from Accident Site:	30 Nautical Miles
Observation Time:	1250 EDT	Direction from Accident Site:	90°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	Overcast / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	320°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	25° C / 13° C
Precipitation and Obscuration:			
Departure Point:	LAKE NORMAN, NC (14A)	Type of Flight Plan Filed:	None
Destination:	WILMINGTON, NC (ILM)	Type of Clearance:	None
Departure Time:	1030 EDT	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	ROFF H SASSER	Report Date:	05/26/1993
Additional Participating Persons:	LARRY LAMBERT; RALEIGH, NC		
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](#).