



National Transportation Safety Board Aviation Accident Final Report

Location:	KENNASAW, GA	Accident Number:	ATL87LA053
Date & Time:	01/03/1987, 1530 EST	Registration:	N3473F
Aircraft:	CESSNA 182J	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING INITIAL CLIMB FOR A LOCAL PLEASURE FLIGHT THE PILOT REPORTED THAT THE AIRCRAFT BEGAN TO LOSE POWER. THE PILOT MADE A 180 DEGREE TURN TO MAKE AN EMERGENCY DOWNWIND LANDING. HE REPORTED THAT THE POWER INCREASED AND HE DECIDED TO MAKE A NORMAL APPROACH TO THE DEPARTURE RUNWAY. THE AIRCRAFT OVERSHOT THE FINAL APPROACH AND BEGAN TO LOSE POWER ONCE AGAIN. THE PILOT DECIDED TO STALL THE AIRCRAFT IN TALL PINE TREES. PRIOR TO DEPARTURE THE AIRCRAFT HELD POSITION WAITING FOR A TAKEOFF FOR APPROX 15 MINUTES. THE PILOT DID NOT CHECK CARBURETOR HEAT PRIOR TO TAKEOFF. CONDITIONS WERE CONDUCIVE FOR INDUCTION ICING.

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(PARTIAL) - NONMECHANICAL
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

1. (F) WEATHER CONDITION - CARBURETOR ICING CONDITIONS
2. (F) CARBURETOR HEAT - INADEQUATE - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: DESCENT - EMERGENCY

Findings

3. OBJECT - TREE(S)
4. (F) EMERGENCY PROCEDURE - POOR - PILOT IN COMMAND
5. (F) REMEDIAL ACTION - INADEQUATE - PILOT IN COMMAND
6. (C) IN-FLIGHT PLANNING/DECISION - POOR - PILOT IN COMMAND
7. (C) JUDGMENT - POOR - PILOT IN COMMAND

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

Findings

8. TERRAIN CONDITION - GROUND

Factual Information

Pilot Information

Certificate:	Commercial	Age:	52, 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:	Yes
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	12/29/1986
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2657 hours (Total, all aircraft), 411 hours (Total, this make and model), 14 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3473F
Model/Series:	182J 182J	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18257473
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	01/20/1986, Annual	Certified Max Gross Wt.:	2800 lbs
Time Since Last Inspection:	47 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1837 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Installed, not activated	Engine Model/Series:	O-470-R
Registered Owner:	HAROLD MUSHTARE	Rated Power:	230 hp
Operator:	HAROLD MUSHTARE	Operating Certificate(s) Held:	None
Operator Does Business As:	NIMBLE CONSTRUCTION CO.	Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MGE, 1068 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	1455 EST	Direction from Accident Site:	190°
Lowest Cloud Condition:	Scattered / 10000 ft agl	Visibility	7 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:	8° C / 0° C
Precipitation and Obscuration:			
Departure Point:	KENNESAW, GA (8A4)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1525 EST	Type of Airspace:	Class G

Airport Information

Airport:	MCCOLLUM (8A4)	Runway Surface Type:	Asphalt
Airport Elevation:	1040 ft	Runway Surface Condition:	Dry
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	4591 ft / 75 ft	VFR Approach/Landing:	Forced Landing

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	BEN R COLEMAN	Report Date:	05/02/1988
Additional Participating Persons:	BILL DUNCAN; HAPEVILLE, GA		
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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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](#).