



National Transportation Safety Board Aviation Accident Final Report

Location:	BAINBRIDGE, GA	Accident Number:	ATL92LA051
Date & Time:	03/01/1992, 1715 EST	Registration:	N35637
Aircraft:	CESSNA 172I	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None

Flight Conducted Under: Part 91: General Aviation - Personal

Analysis

THE PRIVATE PILOT AND TWO PASSENGERS WERE TAKING OFF FROM THE 18,00 FOOT LONG SOD AIRSTRIP. TREES WERE LOCATED NEAR THE DEPARTURE END OF THE RUNWAY. AS THE AIRPLANE CLEARED THE TREES ON THE INITIAL CLIMBOUT, THE AIRPLANE BEGAN TO MUSH. THE PILOT ATTEMPTED TO TURN AWAY FROM THE NEXT LINE OF TREES, HOWEVER, THE AIRPLANE MUSHED AGAIN, AND IMPACTED SOFT TERRAIN. THE NOSE GEAR COLLAPSED, AND THE AIRPLANE NOSED OVER. THE PILOT REPORTED NO MECHANICAL DIFFICULTIES WITH THE AIRPLANE.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO MAINTAIN AIRSPEED ON THE INITIAL CLIMBOUT, AND THE INADVERTENT STALL/MUSH WHICH RESULTED. FACTORS IN THIS ACCIDENT WERE: THE HIGH OBSTRUCTIONS (TREES) NEAR THE AIRSTRIP.

Findings

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

Findings

1. TERRAIN CONDITION - BERM
2. (F) TERRAIN CONDITION - HIGH OBSTRUCTION(S)
3. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
4. STALL/MUSH - INADVERTENT - PILOT IN COMMAND

Occurrence #2: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: DESCENT - UNCONTROLLED

Factual Information

Pilot Information

Certificate:	Private	Age:	50, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	10/29/1991
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	413 hours (Total, all aircraft), 319 hours (Total, this make and model), 29 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N35637
Model/Series:	172I 172I	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal; Utility	Serial Number:	17256878
Landing Gear Type:	Tricycle	Seats:	4
Date/Type of Last Inspection:	12/01/1991, 100 Hour	Certified Max Gross Wt.:	2300 lbs
Time Since Last Inspection:	19 Hours	Engines:	1 Reciprocating
Airframe Total Time:	6743 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, not activated	Engine Model/Series:	O-320-E2D
Registered Owner:	COLLINS, WESLEY A.	Rated Power:	150 hp
Operator:	COLLINS, WESLEY A.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	VAD, 233 ft msl	Distance from Accident Site:	71 Nautical Miles
Observation Time:	1700 EST	Direction from Accident Site:	90°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	300°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	25° C / 2° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1715 EST	Type of Airspace:	Class G

Airport Information

Airport:	WAYCASER (NONE)	Runway Surface Type:	Grass/turf
Airport Elevation:	148 ft	Runway Surface Condition:	Dry
Runway Used:	19	IFR Approach:	None
Runway Length/Width:	1800 ft / 100 ft	VFR Approach/Landing:	None

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	RALPH E HICKS, JR.	Report Date:	03/12/1993
Additional Participating Persons:	ROBERT N YLLA; COLLEGE PARK, 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](#).