



National Transportation Safety Board Aviation Accident Data Summary

Location:	GALION, OH	Accident Number:	ATL89LA084
Date & Time:	02/01/1989, 1500 EST	Registration:	N8121B
Aircraft:	CESSNA 172	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE AIRPLANE STALLED AND CRASHED SHORTLY AFTER A DOWNWIND TOUCH & GO LDG. THE PLT REPORTED THAT HE DID NOT CHECK THE ARPT WINDSOCK PRIOR TO THE LDG. THE AIRPLANE TOUCHED DOWN ABOUT 1/3 DOWN THE 3,500 FT RWY WITH FULL FLAPS (40 DEGREES). THE PLT THEN INITIATED T/O BY FIRST ADDING POWER. BEFORE HE COULD RAISE THE FLAPS THE AIRPLANE BECAME AIRBORNE & CLIMBED TO ABOUT 100 FT. HE THEN ELECTED TO LEAVE THE FLAPS DOWN BECAUSE OF LOW AIRSPEED AND THE POSSIBILITY OF STALLING. THE AIRPLANE BEGAN TO DESCEND, AND SUBSEQUENTLY IMPACTED THE GROUND WITH THE RT MAIN & NOSE LDG GEAR ABOUT 300 YDS SOUTH OF THE ARPT. A WITNESS REPORTED THAT THE AIRPLANE MAINTAINED A HIGH ANGLE OF ATTACK AS IT DESCENDED. THE PILOT NOTED THAT THE WIND HAD BEEN BLOWING FROM THE OPPOSITE DIRECTION EARLIER IN THE FLT.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S FAILURE TO RETRACT THE FLAPS PRIOR TO ADDING POWER FOR TAKEOFF RESULTING IN A PREMATURE LIFT-OFF, AND THE PILOT'S FAILURE TO MAINTIAN CONTROL OF THE AIRPLANE AFTER LIFT-OFF WHICH RESULTED IN A STALL/MUSH.

Findings

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

Findings

1. TOUCH-AND-GO - PERFORMED - PILOT IN COMMAND
2. WEATHER CONDITION - TAILWIND
3. (F) WIND INFORMATION - NOT OBTAINED - PILOT IN COMMAND
4. (F) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
5. (C) RAISING OF FLAPS - NOT PERFORMED - PILOT IN COMMAND
6. (C) LIFT-OFF - PREMATURE - PILOT IN COMMAND
7. (C) LIFT-OFF - UNCONTROLLED - PILOT IN COMMAND

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

Findings

8. TERRAIN CONDITION - OPEN FIELD

Pilot Information

Certificate:	Private	Age:	33
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	100 hours (Total, all aircraft), 22 hours (Total, this make and model), 72 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 2 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N8121B
Model/Series:	172 172	Engines:	1 Reciprocating
Operator:	BRODE, STEPHEN H.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:	None	Engine Model/Series:	O-300-A
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MFD, 1297 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 3500 ft agl	Wind Speed/Gusts, Direction:	13 knots / , 10°
Temperature:	7°C	Visibility	7 Miles
Precipitation and Obscuration:			
Departure Point:	MT. GILEAD, OH (419)	Destination:	

Airport Information

Airport:	GALION MUNICIPAL (GQQ)	Runway Surface Type:	Asphalt
Runway Used:	23	Runway Surface Condition:	Dry
Runway Length/Width:	3500 ft / 75 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): SCOTT STRICKLAND Adopted Date: 08/22/1990

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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