



National Transportation Safety Board Aviation Accident Final Report

Location:	NEWBERRY, MI	Accident Number:	CHI83LA127
Date & Time:	03/01/1983, 0900 EST	Registration:	N84583
Aircraft:	AERONCA CHAMPION 7AC	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Minor, 1 None

Flight Conducted Under: Part 91: General Aviation - Instructional

Analysis

THE AIRCRAFT COLLIDED WITH A TELEPHONE POLE WHILE ATTEMPTING A TAKEOFF ON SKIS. THE SNOW WAS WET, SPARSE AND STICKY AND THE TAKEOFF WAS BEING PERFORMED ON A TAXIWAY BECAUSE IT HAD MORE SNOW. THIS WAS A DUAL INSTRUCTIONAL FLIGHT WITH THE STUDENT AT THE CONTROLS. THE STUDENT ROTATED PREMATURELY, STALLED AND SETTLED BACK ON THE SNOW. THE TAKEOFF WAS CONTINUED AND AFTER A 2ND LIFT OFF THE AIRCRAFT AGAIN ENTERED A STALL. THE CFI TOOK OVER AND IN LOWERING THE NOSE TO GAIN AIRSPEED AND TURNING TO AVOID TREES THE WING HIT A TELEPHONE POLE. THE AIRCRAFT THEN CARTWHEELED AND WAS DAMAGED BEYOND ECONOMICAL REPAIR.

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: TAKEOFF - INITIAL CLIMB

Findings

1. (F) TERRAIN CONDITION - SLUSH COVERED
2. (C) FLIGHT CONTROLS - IMPROPER USE OF - DUAL STUDENT
3. (C) LIFT-OFF - PREMATURE - DUAL STUDENT
4. (C) REMEDIAL ACTION - DELAYED - PILOT IN COMMAND(CFI)
5. (C) SUPERVISION - POOR - PILOT IN COMMAND(CFI)

Occurrence #2: IN FLIGHT COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - INITIAL CLIMB

Findings

6. (F) OBJECT - UTILITY POLE

Occurrence #3: IN FLIGHT COLLISION WITH TERRAIN/WATER
Phase of Operation: TAKEOFF - INITIAL CLIMB

Factual Information

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	34, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Rear
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane; Helicopter	Second Pilot Present:	No
Instructor Rating(s):	Airplane Single-engine	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	2531 hours (Total, all aircraft), 12 hours (Total, this make and model), 2331 hours (Pilot In Command, all aircraft), 31 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	AERONCA	Registration:	N84583
Model/Series:	CHAMPION 7AC CHAMPION 7	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	7AC 3286
Landing Gear Type:	Ski	Seats:	2
Date/Type of Last Inspection:	09/27/1982, Annual	Certified Max Gross Wt.:	1220 lbs
Time Since Last Inspection:	0 Hours	Engines:	1 Reciprocating
Airframe Total Time:	1030 Hours	Engine Manufacturer:	CONTINENTAL
ELT:	Not installed	Engine Model/Series:	C-75-12
Registered Owner:	FREDERICK G. BURTON	Rated Power:	75 hp
Operator:	THOMAS CAMPBELL	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	ERY, 870 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	1015 CST	Direction from Accident Site:	0°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	5 Miles
Lowest Ceiling:	Overcast / 1000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	-2° C / -18° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class D

Airport Information

Airport:	LUCE COUNTY (ERY)	Runway Surface Type:	Grass/turf
Airport Elevation:	872 ft	Runway Surface Condition:	Snow--wet
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	E. J MCAVOY	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 pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

The National Transportation Safety Board (NTSB), established in 1967, is an independent federal agency mandated by Congress through the Independent Safety Board Act of 1974 to investigate transportation accidents, determine the probable causes of the accidents, issue safety recommendations, study transportation safety issues, and evaluate the safety effectiveness of government agencies involved in transportation. The NTSB makes public its actions and decisions through accident reports, safety studies, special investigation reports, safety recommendations, and statistical reviews.

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](#).