



National Transportation Safety Board Aviation Accident Data Summary

Location:	Lake City, SC	Accident Number:	ERA11CA002
Date & Time:	10/01/2010, 1330 EDT	Registration:	N8742
Aircraft:	FLEET 16B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

According to the pilot, he was back taxiing on the runway when the tailwind and runway slope allowed the airplane to gain more than normal taxi speed. As the pilot realized the airplane was approaching the end of the runway, he began to apply brake pressure to avoid running off the end of the runway. The airplane nosed over and came to rest inverted, substantially damaging the rudder. A postaccident examination of the airplane revealed no mechanical malfunctions that would have precluded normal operation.

Flight Events

Taxi-to runway - Abrupt maneuver
Taxi-to runway - Miscellaneous/other

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's improper use of the brakes while taxiing.

Findings

Aircraft-Aircraft systems-Landing gear system-Brake-Incorrect use/operation - C

Pilot Information

Certificate:	Private	Age:	67
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1520 hours (Total, all aircraft), 1410 hours (Total, this make and model), 1520 hours (Pilot In Command, all aircraft), 11 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	FLEET	Registration:	N8742
Model/Series:	16B NO SERIES	Engines:	1 Reciprocating
Operator:	Wehman Ernest A Jr	Engine Manufacturer:	Kinner
Air Carrier Operating Certificate:	None	Engine Model/Series:	R-540-1
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	CKI, 67 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	Overcast / 5000 ft agl
Condition of Light:	Day	Wind Speed/Gusts, Direction:	7 knots, 10°
Temperature:	23°C / 13°C	Visibility	10 Miles
Precipitation and Obscuration:	No Precipitation		
Departure Point:	Lake City, SC (51J)	Destination:	Lake City, SC (51J)

Airport Information

Airport:	Lake City Municipal Airport (51J)	Runway Surface Type:	Asphalt
Runway Used:	19	Runway Surface Condition:	Dry
Runway Length/Width:	3700 ft / 75 ft		

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Jill M Andrews	Adopted Date:	05/16/2011
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=77475		

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