



National Transportation Safety Board Aviation Accident Factual Report

Location:	WARRENSBURG, MO	Accident Number:	CHI94LA043
Date & Time:	12/02/1993, 1651 CST	Registration:	N7631C
Aircraft:	CLEVELAND PIEL EMERAUDE CP-304	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Instructional		

On December 2, 1993, at 1651 central standard time, a Piel Emeraude CP-304, N7631C, sustained substantial damage in a crash at a private airstrip near Warrensburg, Missouri. The solo student pilot received serious injuries. The local instructional flight originated at the private strip where the accident occurred. No flight plan was filed, and visual meteorological conditions prevailed at the time.

In a written statement provided to the NTSB, the pilot states that he had climbed to an altitude of 4,200 feet MSL to practice normal spin entry and recovery. Out of curiosity, he said he applied power while in the spin to see if the airplane would spin faster. The airplane's nose immediately rose, and as the airplane entered into a flat spin, the engine lost power. The pilot was unable to recover before impact with the ground.

Pilot Information

Certificate:	Student	Age:	36, Male
Airplane Rating(s):	None	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 3 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	10/02/1992
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	11 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CLEVELAND	Registration:	N7631C
Model/Series:	PIEL EMERAUDE CP-304 PIEL EMERA	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:	Experimental	Serial Number:	1036
Landing Gear Type:	Tailwheel	Seats:	
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:		Engine Model/Series:	C85-12F
Registered Owner:	DONALD H. FLETCHER, SR.	Rated Power:	85 hp
Operator:	DONALD H. FLETCHER, SR.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	MKC, 759 ft msl	Distance from Accident Site:	54 Nautical Miles
Observation Time:	1645 CST	Direction from Accident Site:	310°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	20 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	5 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	12°C / -1°C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC): MARK E DOUB

Additional Participating Persons: JIM WESLEY; KANSAS CITY, MO

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/>.