



National Transportation Safety Board Aviation Accident Data Summary

Location:	MT. VERNON, OH	Accident Number:	CHI83LA001
Date & Time:	10/01/1982, 1640 EDT	Registration:	N9985F
Aircraft:	BENSON GYROCOPTER	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation -		

Analysis

THE GYROCOPTER PILOT STATED THAT HE LANDED THE AIRCRAFT HARD, BOUNCED AND THEN NOSED OVER.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: HARD LANDING

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Findings

1. (C) AIRSPEED - NOT MAINTAINED - PILOT IN COMMAND
2. (F) ROTOR RPM - NOT MAINTAINED - PILOT IN COMMAND
3. (C) FLARE - MISJUDGED - PILOT IN COMMAND

Occurrence #2: NOSE DOWN

Phase of Operation: LANDING - FLARE/TOUCHDOWN

Pilot Information

Certificate:	Student	Age:	30
Airplane Rating(s):		Instrument Rating(s):	
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	108 hours (Total, all aircraft), 108 hours (Total, this make and model), 108 hours (Pilot In Command, all aircraft), 20 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BENSON	Registration:	N9985F
Model/Series:	GYROCOPTER GYROCOPTER	Engines:	1 Reciprocating
Operator:	GORY W. DAVIS	Engine Manufacturer:	VOLKSWAGON
Operating Certificate(s) Held:		Engine Model/Series:	
Flight Conducted Under:	Part 91: General Aviation -		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Unknown
Lowest Ceiling:	Unknown / 0 ft agl	Wind Speed/Gusts, Direction:	5 knots / , 60°
Temperature:	70° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	MT. VERNON, OH (664)	Destination:	MT. VERNON, OH (664)

Airport Information

Airport:	MT. VERNON WYNKOOP (664)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	10/01/1983
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.