



National Transportation Safety Board Aviation Accident Data Summary

Location:	Manvel, ND	Accident Number:	CEN12CA423
Date & Time:	07/02/2012, 1945 CDT	Registration:	NONE
Aircraft:	EIPPER QUICKSILVER	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The non-certificated pilot said that he had been flying his unregistered aircraft too low over a wheat field. He stated that he encountered a "thermal" and that the aircraft's nosewheel caught in the wheat, causing the airplane to nose over and impact the ground. The aircraft sustained substantial damage to both wings and the fuselage structure. About 8 minutes after the accident occurred, the wind was reported as being from 320 degrees at 6 knots.

Flight Events

Maneuvering-low-alt flying - Other weather encounter
Maneuvering-low-alt flying - Loss of control in flight
Uncontrolled descent - Collision with terr/obj (non-CFIT)

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The non-certificated pilot's failure to maintain clearance from a wheat field.

Findings

Personnel issues-Action/decision-Info processing/decision-Decision making/judgment-Pilot - C
Environmental issues-Conditions/weather/phenomena-(general)-(general)-Contributed to outcome

Pilot Information

Certificate:	None	Age:	48
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	50 hours (Total, all aircraft), 50 hours (Total, this make and model)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	EIPPER	Registration:	NONE
Model/Series:	QUICKSILVER MX II	Engines:	1
Operator:	MICHAEL S. CALLAHAN	Engine Manufacturer:	
Air Carrier Operating Certificate:	None	Engine Model/Series:	
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KGFK, 845 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Instrument Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	6 knots, 320°
Temperature:	30° C / 24° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	MANVEL, ND (NONE)	Destination:	MANVEL, ND (NONE)

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

Administrative Information

Investigator In Charge (IIC):	Arnold W Scott	Adopted Date:	10/04/2012
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=84232		

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.

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