



National Transportation Safety Board Aviation Accident Data Summary

Location:	NOKOMIS, IL	Accident Number:	CHI82DA109
Date & Time:	04/01/1982, 1345 CST	Registration:	N4936A
Aircraft:	CESSNA 180	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING TAKEOFF FROM A SOFT SOD FIELD THE AIRCRAFT STARTED GRADUALLY TURNING TO THE LEFT. THE PILOT APPLIED FULL RIGHT RUDDER THEN REDUCED POWER BEFORE THE AIRCRAFT NOSED OVER ON ITS BACK.

Probable Cause

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

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) AIRPORT FACILITIES,RUNWAY/LANDING AREA CONDITION - SOFT
2. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND
3. (C) DIRECTIONAL CONTROL - NOT ATTAINED - PILOT IN COMMAND
4. GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND

Occurrence #2: NOSE OVER

Phase of Operation: TAKEOFF

Pilot Information

Certificate:	Private	Age:	28
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	87 hours (Total, all aircraft), 15 hours (Total, this make and model), 56 hours (Pilot In Command, all aircraft), 28 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N4936A
Model/Series:	180 180	Engines:	1 Reciprocating
Operator:	KLINFELTER FARMS, INC.	Engine Manufacturer:	CONTINENTAL
Operating Certificate(s) Held:		Engine Model/Series:	O-470-K
Flight Conducted Under:	Part 91: General Aviation - Personal		

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 / , 250°
Temperature:	70° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:	NOKOMIS, IL	Destination:	VANDALIA, IL

Airport Information

Airport:	PRIVATE STRIP	Runway Surface Type:	Grass/turf
Runway Used:	27	Runway Surface Condition:	Soft
Runway Length/Width:	1200 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

Latitude, Longitude:

Administrative Information

Investigator In Charge (IIC):	Adopted Date:	04/01/1983
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.