



National Transportation Safety Board Aviation Accident Data Summary

Location:	MARION, IA	Accident Number:	MKC84LA054
Date & Time:	01/01/1984, 0730 CST	Registration:	N3641C
Aircraft:	CESSNA 182	Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT COLLIDED WITH A SNOWBANK AFTER SWERVING DURING TAKEOFF. THE SWERVE WAS STARTED WHEN THE ACFT HIT A WINDBLOWN SNOWDRIFT WHICH CHANGED THE ACFTS DIRECTION. AFTER THE COLLISION THE ACFTS NOSE GEAR COLLAPSED AND THE LEFT MAIN GEAR RETRACTED.

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 - SNOW COVERED
2. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
3. (C) GROUND LOOP/SWERVE - UNCONTROLLED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

4. (F) AIRPORT FACILITIES,RUNWAY/LANDING AREA CONDITION - SNOWBANK

Occurrence #3: GEAR COLLAPSED

Phase of Operation: TAKEOFF - ROLL/RUN

Findings

5. LANDING GEAR,NOSE GEAR - OVERLOAD
6. LANDING GEAR,MAIN GEAR ATTACHMENT - OVERLOAD

Pilot Information

Certificate:	Flight Instructor; Commercial	Age:	24
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):	None	Instructor Rating(s):	Airplane Single-engine
Flight Time:	658 hours (Total, all aircraft), 55 hours (Total, this make and model), 588 hours (Pilot In Command, all aircraft), 150 hours (Last 90 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N3641C
Model/Series:	182 182	Engines:	1 Reciprocating
Operator:	A&G AIR LIMITED	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-540-J3C5D
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Instrument Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CID, 864 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 1000 ft agl	Wind Speed/Gusts, Direction:	4 knots / , 130°
Temperature:	-5° C	Visibility	1 Miles
Precipitation and Obscuration:			
Departure Point:	MARION, IA (C57)	Destination:	DES MOINES, IA (DSM)

Airport Information

Airport:	CEDAR RAPIDS (CID)	Runway Surface Type:	Grass/turf
Runway Used:	30	Runway Surface Condition:	Snow--compacted
Runway Length/Width:	2500 ft / 150 ft		

Wreckage and Impact Information

Crew Injuries:	2 None	Aircraft Damage:	Substantial
Passenger Injuries:	1 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	CLINT THORPE	Adopted Date:
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/ .	

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