



National Transportation Safety Board Aviation Accident Final Report

Location:	WOODBINE, IA	Accident Number:	MKC83LA056
Date & Time:	01/01/1983, 1230 CST	Registration:	N2639C
Aircraft:	CESSNA 182RG	Aircraft Damage:	Substantial
Defining Event:		Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

PILOT CHECKED BRAKING ON ICY SOD RUNWAY BEFORE TAKEOFF AND IT SEEMED TO BE ALL RIGHT. UPON RETURNING TO LAND THE PILOT NOTICED A FARMER DRIVING CATTLE NEAR THE LANDING THRESHOLD SO HE DECIDED TO LAND LONG INSTEAD OF GOING AROUND. USING HALF FLAPS HE LANDED 835 FEET DOWN THE 2200 FOOT RUNWAY. AFTER LANDING HE DISCOVERED BRAKING WAS NOT HOLDING. HE BRACED HIMSELF AND SLID OFF THE END OF THE RUNWAY. THE AIRCRAFT WENT OVER A DIKE AND INTO A DITCH. THE ICY RUNWAY WAS PARTIALLY MELTED AND MORE SLIPPERY THAN IT HAD BEEN BEFORE TAKEOFF.

Probable Cause and Findings

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

Findings

Occurrence #1: OVERRUN

Phase of Operation: LANDING - ROLL

Findings

1. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - ICY
2. (C) PLANNED APPROACH - IMPROPER - PILOT IN COMMAND
3. (C) GO-AROUND - NOT PERFORMED - PILOT IN COMMAND
4. (C) PROPER TOUCHDOWN POINT - EXCEEDED - PILOT IN COMMAND

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER

Phase of Operation: LANDING - ROLL

Findings

5. (F) TERRAIN CONDITION - DIRT BANK/RISING EMBANKMENT
6. (F) TERRAIN CONDITION - DITCH

Factual Information

Pilot Information

Certificate:	Commercial	Age:	32, Male
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical--no waivers/lim.	Last FAA Medical Exam:	07/11/1982
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	3703 hours (Total, all aircraft), 3485 hours (Pilot In Command, all aircraft), 58 hours (Last 90 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N2639C
Model/Series:	182RG 182RG	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	R18200189
Landing Gear Type:	Retractable - Tricycle	Seats:	4
Date/Type of Last Inspection:	100 Hour	Certified Max Gross Wt.:	3200 lbs
Time Since Last Inspection:	5 Hours	Engines:	1 Reciprocating
Airframe Total Time:	770 Hours	Engine Manufacturer:	LYCOMING
ELT:	Installed, activated	Engine Model/Series:	O-540-J3C5D
Registered Owner:	JAMES B. BARKLEY	Rated Power:	235 hp
Operator:	JAMES B. BARKLEY	Operating Certificate(s) Held:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	OMA, 983 ft msl	Distance from Accident Site:	29 Nautical Miles
Observation Time:	1148 CST	Direction from Accident Site:	240°
Lowest Cloud Condition:	Unknown / 25000 ft agl	Visibility	6 Miles
Lowest Ceiling:	Broken / 25000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	8 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	6° C / 0° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1200 CST	Type of Airspace:	Class G

Airport Information

Airport:	MUNICIPAL (3YR)	Runway Surface Type:	Grass/turf
Airport Elevation:	1068 ft	Runway Surface Condition:	Ice; Wet
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	2200 ft / 100 ft	VFR Approach/Landing:	Traffic Pattern

Wreckage and Impact Information

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

Administrative Information

Investigator In Charge (IIC):	E. ROTH	Report Date:	
Additional Participating Persons:			
Publish 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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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. A factual report that may be admissible under 49 U.S.C. § 1154(b) is available [here](#).