



National Transportation Safety Board Aviation Accident Data Summary

Location:	WEST JORDAN, UT	Accident Number:	DEN82DTM10
Date & Time:	02/02/1982, 1400 MST	Registration:	N12BK
Aircraft:	SMITH MINIPLANE BK-1	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT HAD JUST PURCHASED THE AIRCRAFT AND WAS MAKING TOUCH AND GO LANDINGS FOR FAMILIARIZATION. HE WAS USING A PAVED RUNWAY WITH PATCHES OF ICE AND WAS LANDING WITH ABOUT A 10 KNOT RIGHT CROSSWIND. ON ABOUT HIS EIGHTH LANDING, THE PLANE BEGAN TO DRIFT TO THE RIGHT. THE PILOT REPORTED THAT HE WAS UNABLE TO CORRECT ENOUGH TO AVOID RUNNING OFF THE RUNWAY. THE PLANE STRUCK A SNOWBANK AND TURNED 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: LANDING - ROLL

Findings

1. TOUCH-AND-GO - PERFORMED - PILOT IN COMMAND
2. (F) WEATHER CONDITION - CROSSWIND
3. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
4. (F) LACK OF TOTAL EXPERIENCE IN KIND OF AIRCRAFT - PILOT IN COMMAND
5. GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND
6. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - ICY

Occurrence #2: ON GROUND/WATER ENCOUNTER WITH TERRAIN/WATER
Phase of Operation: LANDING - ROLL

Findings

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

Occurrence #3: NOSE OVER
Phase of Operation: LANDING - ROLL

Pilot Information

Certificate:	Commercial	Age:	40
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane
Other Aircraft Rating(s):		Instructor Rating(s):	None
Flight Time:	701 hours (Total, all aircraft), 2 hours (Total, this make and model), 503 hours (Pilot In Command, all aircraft), 65 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	SMITH MINIPLANE	Registration:	N12BK
Model/Series:	BK-1 BK-1	Engines:	1 Reciprocating
Operator:	RALPH K. JARVIS	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-290G
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:	Overcast / 10000 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 270°
Temperature:	30°C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	SALT LAKE CITY, UT	Destination:	SALT LAKE CITY, UT

Airport Information

Airport:	SALT LAKE #2 (U42)	Runway Surface Type:	Asphalt
Runway Used:	16	Runway Surface Condition:	Dry; Ice
Runway Length/Width:	5700 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: 02/02/1983

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/>.

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