



National Transportation Safety Board Aviation Accident Data Summary

Location:	PITTSBURG, MO	Accident Number:	MKC84LA055
Date & Time:	01/01/1984, 1115 CST	Registration:	N2998L
Aircraft:	MOONEY M20C	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE ACFT RAN OFF OF THE SNOW COVERED RWY INTO TREES AFTER AN ATTEMPTED DOWNWIND TAKEOFF. THE PLT HAD PACKED THE 8 INCH SNOW BY DRIVING HIS CAR ON THE RWY. DURING THE ABORTED TAKEOFF THE PLT WAS UNABLE TO STOP THE ACFT BEFORE TREE CONTACT.

Probable Cause

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

Findings

Occurrence #1: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: TAKEOFF - ROLL/RUN

Findings

1. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - SNOW COVERED
2. (C) ABORTED TAKEOFF - PERFORMED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - TAILWIND
4. (C) PREFLIGHT PLANNING/PREPARATION - INADEQUATE - PILOT IN COMMAND
5. (F) OBJECT - TREE(S)
6. (F) AIRPORT SNOW REMOVAL - NOT PERFORMED - AIRPORT PERSONNEL
7. (C) WRONG RUNWAY - SELECTED - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	66
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:			

Aircraft and Owner/Operator Information

Aircraft Make:	MOONEY	Registration:	N2998L
Model/Series:	M20C M20C	Engines:	1 Reciprocating
Operator:	DAVID A. RIPPEE	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:		Engine Model/Series:	O-360-A1D
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:	SGF, 1267 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Overcast / 3300 ft agl	Wind Speed/Gusts, Direction:	11 knots / , 170°
Temperature:	0° C	Visibility	15 Miles
Precipitation and Obscuration:			
Departure Point:		Destination:	PANAMA CITY, FL (PFN)

Airport Information

Airport:	SKI HARBER	Runway Surface Type:	Grass/turf
Runway Used:	36	Runway Surface Condition:	Snow--wet
Runway Length/Width:	2600 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):	ROTH EUGENE	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/ .		

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.