



National Transportation Safety Board Aviation Accident Data Summary

Location:	NEW HOLSTEIN, WI	Accident Number:	CHI91LA054
Date & Time:	01/01/1991, 1400 CST	Registration:	N55409
Aircraft:	CESSNA 172P	Injuries:	2 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE PILOT DECIDED TO MAKE AN UNPLANNED LANDING AT AN UNCONTROLLED AIRPORT. DURING THE FLYOVER INSPECTION OF THE AIRPORT THE PILOT WAS NOT ABLE TO IDENTIFY CLEAR ICE ON THE RUNWAY SURFACE. WHILE FLYING ON FINAL APPROACH THE PILOT BECAME AWARE OF THE ICE. HE DECIDED TO TOUCHDOWN AT A 'SLOW SPEED' AND USED FULL FLAPS IN A DIRECT LEFT CROSSWIND. THE PILOT STATED HE USED A CRAB TO SLIP METHOD FOR LANDING IN THE CROSSWIND AND WENT TO THE SIDE SLIP ABOUT 2 TO 3 FEET ABOVE THE GROUND. UPON TOUCHDOWN, THE AIRPLANE YAWED LEFT AND WAS SUBSTANTIALLY DAMAGED WHEN IT SLID RIGHT INTO A SNOWBANK.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S DECISION TO CONTINUE THE LANDING APPROACH, LANDING ON AN ICE COVERED RUNWAY AND THE INADEQUATE COMPENSATION FOR THE CROSSWIND.

Findings

Occurrence #1: LOSS OF CONTROL - ON GROUND/WATER
Phase of Operation: LANDING - ROLL

Findings

1. TERRAIN CONDITION - ICY
2. (C) GO-AROUND - NOT PERFORMED - PILOT IN COMMAND
3. (C) COMPENSATION FOR WIND CONDITIONS - INADEQUATE - PILOT IN COMMAND

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

Findings

4. TERRAIN CONDITION - SNOWBANK

Pilot Information

Certificate:	Private	Age:	46
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	210 hours (Total, all aircraft), 140 hours (Total, this make and model), 150 hours (Pilot In Command, all aircraft), 16 hours (Last 90 days, all aircraft), 6 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N55409
Model/Series:	172P 172P	Engines:	1 Reciprocating
Operator:	STICK AND RUDDER CLUB	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-D2J
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:	OSH, 808 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / , 230°
Temperature:	-18° C	Visibility	10 Miles
Precipitation and Obscuration:			
Departure Point:	APPLETON, WI (ATW)	Destination:	

Airport Information

Airport:	NEW HOLSTEIN (8D1)	Runway Surface Type:	Asphalt
Runway Used:	32	Runway Surface Condition:	Ice
Runway Length/Width:	3600 ft / 75 ft		

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
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC): Frank S Gattolin Adopted Date: 12/04/1992

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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