



Aviation Investigation Final Report

Location:	CLARENCE, New York	Accident Number:	BF092LA040
Date & Time:	March 14, 1992, 14:00 Local	Registration:	N7019
Aircraft:	CESSNA 180C	Aircraft Damage:	Substantial
Defining Event:		Injuries:	1 None
Flight Conducted Under:	Part 91: General aviation - Personal		

Analysis

THE PILOT REPORTED THAT AFTER TAKEOFF, HE PUMPED THE SKIS DOWN. HE NOTICED THE SKI TIPS WERE LOW. HE STATED THAT HE DECIDED TO DO A TOUCH AND GO LANDING. DURING THE LANDING, THE RIGHT SKI DUG INTO THE SNOW AND DIRT, CAUSING THE RIGHT GEAR TO COLLAPSE. ACCORDING TO THE PILOT, THE AIRPLANE SKIDDED ABOUT 200 FEET AND NOSED OVER.

Probable Cause and Findings

The National Transportation Safety Board determines the probable cause(s) of this accident to be: THE PILOT'S INADEQUATE INFLIGHT DECISION TO LAND WITH A DEFECTIVE SKI LANDING GEAR ON UNSUITABLE TERRAIN, WHICH RESULTED IN A NOSE OVER.

Findings

Occurrence #1: NOSE OVER
Phase of Operation: LANDING

Findings

1. (F) LANDING GEAR, SKI ASSEMBLY - INADEQUATE
2. (C) IN-FLIGHT PLANNING/DECISION - INADEQUATE - PILOT IN COMMAND
3. (F) OPERATION WITH KNOWN DEFICIENCIES IN EQUIPMENT - PILOT IN COMMAND
4. (F) AIRPORT FACILITIES, RUNWAY/LANDING AREA CONDITION - SNOW COVERED
5. (C) UNSUITABLE TERRAIN OR TAKEOFF/LANDING/TAXI AREA - SELECTED - PILOT IN COMMAND



Factual Information

Pilot Information

Certificate:	Commercial	Age:	64, Male
Airplane Rating(s):	Single-engine land	Seat Occupied:	Left
Other Aircraft Rating(s):	None	Restraint Used:	
Instrument Rating(s):	Airplane	Second Pilot Present:	No
Instructor Rating(s):	None	Toxicology Performed:	No
Medical Certification:	Class 2 Valid Medical-w/ waivers/lim	Last FAA Medical Exam:	November 17, 1990
Occupational Pilot:	UNK	Last Flight Review or Equivalent:	
Flight Time:	2732 hours (Total, all aircraft), 600 hours (Total, this make and model), 2732 hours (Pilot In Command, all aircraft), 4 hours (Last 90 days, all aircraft), 3 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N7019
Model/Series:	180C 180C	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	
Airworthiness Certificate:	Normal	Serial Number:	50881
Landing Gear Type:	Ski	Seats:	4
Date/Type of Last Inspection:	June 18, 1991 Annual	Certified Max Gross Wt.:	2650 lbs
Time Since Last Inspection:	54 Hrs	Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated, did not aid in locating accident	Engine Model/Series:	O-470-L16
Registered Owner:	MAXWELL BENNETT ASSOC.	Rated Power:	230 Horsepower
Operator:	MAXWELL BENNETT ASSOC.	Operating Certificate(s) Held:	None
Operator Does Business As:		Operator Designator Code:	

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual (VMC)	Condition of Light:	Day
Observation Facility, Elevation:	BUF ,99999 ft msl	Distance from Accident Site:	999 Nautical Miles
Observation Time:	14:00 Local	Direction from Accident Site:	
Lowest Cloud Condition:	Unknown / 3300 ft AGL	Visibility	20 miles
Lowest Ceiling:	Broken / 3300 ft AGL	Visibility (RVR):	
Wind Speed/Gusts:	15 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	260°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	-4°C / -11°C
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	LOCKPORT , NY (0G0)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	13:30 Local	Type of Airspace:	Class G

Airport Information

Airport:	POTOCZAK D57	Runway Surface Type:	Grass/turf
Airport Elevation:	587 ft msl	Runway Surface Condition:	Snow
Runway Used:	27	IFR Approach:	None
Runway Length/Width:	2100 ft / 75 ft	VFR Approach/Landing:	Touch and go

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:		Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 None	Latitude, Longitude:	42.980289,-78.599861(est)

Administrative Information

Investigator In Charge (IIC):	Jones, Dennis
Additional Participating Persons:	JAMES YOUNG; ROCHESTER , NY
Original Publish Date:	September 28, 1993
Last Revision Date:	
Investigation Class:	Class
Note:	
Investigation Docket:	https://data.nts.gov/Docket?ProjectID=11771

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