



National Transportation Safety Board Aviation Accident Final Report

Location:	ELYRIA, OH	Accident Number:	CHI83LA344
Date & Time:	08/01/1983, 0920 EDT	Registration:	N70498
Aircraft:	CESSNA 185	Aircraft Damage:	Substantial
Defining Event:		Injuries:	3 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

DURING ARRIVAL, THE PLT COULD NOT CONTACT ANYONE AT THE DESTINATION ARPT UNICOM, SO HE ELECTED TO LAND ON RWY 7. THE WIND AT THAT TIME WAS FROM 190 DEG AT 11 KNOTS. ON THE LANDING ROLL, THE ACFT REPORTEDLY FISHTAILED. SUBSEQUENTLY, THE LEFT MAIN GEAR COLLAPSED. A WIND DIRECTION INDICATOR & A LANDING DIRECTION INDICATOR WERE INSTALLED AT THE ARPT.

Probable Cause and Findings

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. (F) WEATHER CONDITION - TAILWIND
2. (F) WRONG RUNWAY - SELECTED - PILOT IN COMMAND
3. (F) WEATHER CONDITION - CROSSWIND
4. (C) COMPENSATION FOR WIND CONDITIONS - IMPROPER - PILOT IN COMMAND
5. (C) DIRECTIONAL CONTROL - NOT MAINTAINED - PILOT IN COMMAND
6. (F) GROUND LOOP/SWERVE - INADVERTENT - PILOT IN COMMAND

Occurrence #2: NOSE GEAR COLLAPSED
Phase of Operation: LANDING - ROLL

Findings

7. (F) LANDING GEAR, NOSE GEAR - OVERLOAD

Factual Information

Pilot Information

Certificate:	Private	Age:	, Male
Airplane Rating(s):	Single-engine Land; Single-engine Sea	Seat Occupied:	Left
Other Aircraft Rating(s):		Restraint Used:	Seatbelt, Shoulder harness
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	
Medical Certification:	Class 3 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	292 hours (Total, all aircraft), 227 hours (Total, this make and model), 232 hours (Pilot In Command, all aircraft), 61 hours (Last 90 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	CESSNA	Registration:	N70498
Model/Series:	185 185	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	18502194
Landing Gear Type:	Tailwheel	Seats:	6
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	3350 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:		Engine Manufacturer:	CONTINENTAL
ELT:	Installed, activated	Engine Model/Series:	IO-520
Registered Owner:	HEMAN ROBERTS	Rated Power:	300 hp
Operator:	HEMAN ROBERTS	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	CLE, 792 ft msl	Distance from Accident Site:	12 Nautical Miles
Observation Time:	0751 EDT	Direction from Accident Site:	70°
Lowest Cloud Condition:	Unknown / 0 ft agl	Visibility	7 Miles
Lowest Ceiling:	Overcast / 1800 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	11 knots /	Turbulence Type Forecast/Actual:	/
Wind Direction:	190°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	22° C / 19° C
Precipitation and Obscuration:			
Departure Point:	OSHKOSH, WI (OSH)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	0000	Type of Airspace:	Class G

Airport Information

Airport:	ELYRIA (1G1)	Runway Surface Type:	Asphalt
Airport Elevation:	770 ft	Runway Surface Condition:	Dry
Runway Used:	7	IFR Approach:	None
Runway Length/Width:	3060 ft / 120 ft	VFR Approach/Landing:	Full Stop

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	2 None	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	3 None	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC):	PAMELA S KLECKNER	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](#).