



# National Transportation Safety Board Aviation Accident Factual Report

---

<b>Location:</b>	FARGO, ND	<b>Accident Number:</b>	CHI98LA001
<b>Date &amp; Time:</b>	10/01/1997, 0830 CDT	<b>Registration:</b>	N5168A
<b>Aircraft:</b>	Cessna T210N	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 None

**Flight Conducted Under:** Part 91: General Aviation - Personal

---

On October 1, 1997, at 0830 central daylight time, a Cessna T210N, N5168A, operated by a commercial pilot collided with the terrain when the landing gear collapsed on touchdown. The landing was being made on runway 17 at the Hector International Airport, Fargo, North Dakota. The 14 CFR Part 91 flight was operating in visual meteorological conditions without a flight plan. The pilot was not injured. The airplane was substantially damaged. The flight originated from a private airstrip in Hillsboro, North Dakota, at 0800.

The pilot reported he extended the landing gear 3 to 4 miles prior to touchdown at an airspeed of 120 knots. He reported that he kept his hand on the gear lever until it was down at which time he made a visual check to assure it was down. He reported that during the landing flare he heard the gear warning horn; however, it was too late to initiate a go-around. The landing gear collapsed as the airplane touched down.

Post accident testing of the landing gear system revealed the hydraulic pump circuit breaker would pop when the landing gear was extended leaving the gear in a trailing unlocked position.

## Pilot Information

---

<b>Certificate:</b>	Commercial	<b>Age:</b>	71, Male
<b>Airplane Rating(s):</b>	Single-engine Land	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<b>Instrument Rating(s):</b>	Airplane	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 3 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	10/31/1996
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	1463 hours (Total, all aircraft), 365 hours (Total, this make and model), 1345 hours (Pilot In Command, all aircraft), 9 hours (Last 90 days, all aircraft), 4 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Cessna	Registration:	N5168A
Model/Series:	T210N T210N	Aircraft Category:	Airplane
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	21063294
Landing Gear Type:	Retractable - Tricycle	Seats:	6
Date/Type of Last Inspection:	01/16/1997, Annual	Certified Max Gross Wt.:	4000 lbs
Time Since Last Inspection:	54 Hours	Engines:	1 Reciprocating
Airframe Total Time:	2641 Hours	Engine Manufacturer:	Continental
ELT:	Installed, not activated	Engine Model/Series:	TSIO-520-R
Registered Owner:	DANIEL J. DOWN	Rated Power:	310 hp
Operator:	DANIEL J. DOWN	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	FAR, 900 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0842 CDT	Direction from Accident Site:	0°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	10 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	17 knots / 21 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	170°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	11° C / 6° C
Precipitation and Obscuration:			
Departure Point:	HILLSBORO, ND (5ND6)	Type of Flight Plan Filed:	None
Destination:	(FAR)	Type of Clearance:	VFR
Departure Time:	0800 CDT	Type of Airspace:	Class D

## Airport Information

Airport:	HECTOR INTL (FAR)	Runway Surface Type:	Concrete
Airport Elevation:	900 ft	Runway Surface Condition:	Dry
Runway Used:	17	IFR Approach:	None
Runway Length/Width:	9546 ft / 150 ft	VFR Approach/Landing:	Full Stop

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 None	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 None	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	PAMELA S SULLIVAN
<b>Additional Participating Persons:</b>	BOB HARRIS; FARGO, ND
<b>Investigation Docket:</b>	NTSB accident and incident docket 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 <a href="mailto:pubinq@ntsb.gov">pubinq@ntsb.gov</a> , or at 800-877-6799. Dockets released after this date are available at <a href="http://dms.nts.gov/pubdms/">http://dms.nts.gov/pubdms/</a> .