 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90LA231	Aircraft Registration Number: N841LA
	Occurrence Date: 08/14/1990	Most Critical Injury: None
	Occurrence Type: Accident	Investigated By: NTSB

Location/Time

Nearest City/Place GRAND FORKS	State ND	Zip Code 50202	Local Time 1445	Time Zone CDT	
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Airport Proximity: On Airport/Airstrip	Distance From Landing Facility: 0
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Aircraft Information Summary


Aircraft Manufacturer HUGHES	Model/Series 369E /369E	Type of Aircraft Helicopter
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Revenue Sightseeing Flight: No	Air Medical Transport Flight: No
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Narrative

Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:

(This area is intentionally left blank for the narrative statement.)

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: CHI90LA231			
		Occurrence Date: 08/14/1990			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation	Runway Used	Runway Length	Runway Width
SKY RANCH ARPT	6NA9	840 Ft. MSL	35	2600	
Runway Surface Type: Asphalt					
Runway Surface Condition: Dry					
Approach/Arrival Flown: NONE					
VFR Approach/Landing: Simulated Forced Landing; Traffic Pattern					
Aircraft Information					
Aircraft Manufacturer		Model/Series		Serial Number	
HUGHES		369E /369E		0019E	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Skid					
Amateur Built Acft? No	Number of Seats: 4	Certified Max Gross Wt.	3000 LBS	Number of Engines: 1	
Engine Type:	Engine Manufacturer:	Model/Series:	Rated Power:		
Turbo Shaft	ALLISON	250-C20B	420 HP		
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection	Airframe Total Time		
Unknown		0 Hours	Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
		BOX 8216 UNIVERSITY STATION			
UNIVERSITY OF NORTH DAKOTA		City	State	Zip Code	
		GRAND FORKS	ND	58202	
Operator of Aircraft		Street Address			
		BOX 8216 UNIVERSITY STATION			
UNIVERSITY OF NORTH DAKOTA		City	State	Zip Code	
		GRAND FORKS	ND	58202	
Operator Does Business As:			Operator Designator Code: OG55		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 91: General Aviation					
Type of Flight Operation Conducted: Instructional					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90LA231
	Occurrence Date: 08/14/1990
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 31
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Sex: M	Seat Occupied: Right	Occupational Pilot? Civilian Pilot	Certificate Number: On File
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Certificate(s): Flight Instructor; Commercial

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: Helicopter

Instrument Rating(s): Airplane; Helicopter

Instructor Rating(s): Airplane Multi-engine; Airplane Single-engine; Helicopter

Current Biennial Flight Review?

Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 02/1990
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- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air
						Actual	Simulated			
Total Time	2171	140	397	193	134	73	145	1488		
Pilot In Command(PIC)	1903	140						1421		
Instructor	877	132						478		
Instruction Received										
Last 90 Days	65	16						81		
Last 30 Days	45	10						34		
Last 24 Hours										

Seatbelt Used? Yes	Shoulder Harness Used? Yes	Toxicology Performed? No	Second Pilot? Yes
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Flight Plan/Itinerary

Type of Flight Plan Filed: None

Departure Point GRAND FORKS	State ND	Airport Identifier GFK	Departure Time 1415	Time Zone CDT
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Destination Local Flight	State	Airport Identifier	
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Type of Clearance: None

Type of Airspace: Class G

Weather Information

UAT/CA Source of Wx Information:
No record of briefing

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: CHI90LA231
	Occurrence Date: 08/14/1990
	Occurrence Type: Accident

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
GFK	1448	CDT	844 Ft. MSL	5 NM	320 Deg. Mag.
Sky/Lowest Cloud Condition: Scattered			5000 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: None		0 Ft. AGL	Visibility: 15 SM	Altimeter: 30.00 "Hg	
Temperature: 24 °C	Dew Point: 8 °C	Weather Conditions at Accident Site: Visual Conditions			
Wind Direction: 340		Wind Speed: 10	Wind Gusts:		
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM				
Precip and/or Obscuration:					

Accident Information		
Aircraft Damage: Destroyed	Aircraft Fire: None	Aircraft Explosion: None

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot				1	1
Second Pilot				1	1
Student Pilot					
Flight Instructor					
Check Pilot					
Flight Engineer					
Cabin Attendants					
Other Crew					
Passengers					
- TOTAL ABOARD -				2	2
Other Ground	0	0	0		0
- GRAND TOTAL -	0	0	0	2	2

National Transportation Safety Board

FACTUAL REPORT
AVIATION



NTSB ID: CHI90LA231

Occurrence Date: 08/14/1990

Occurrence Type: Accident

Administrative Information

Investigator-In-Charge (IIC)

JOHN R. VALLASTER

Additional Persons Participating in This Accident/Incident Investigation: