

		NTSB ID: DEN01LA144		Aircraft Registration Number: N530TJ	
		Occurrence Date: 08/12/2001		Most Critical Injury: None	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Kemmerer		State WY	Zip Code 83101	Local Time 1145	Time Zone MDT
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer Hughes		Model/Series 369FF		Type of Aircraft Helicopter	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>*** Note: NTSB investigators may have traveled in support of this investigation and used data provided by various sources to prepare this aircraft accident report. ***</p> <p>On August 12, 2001, approximately 1145 mountain daylight time, a Hughes 369FF helicopter, N530TJ, was substantially damaged when it landed hard during a forced landing following a loss of engine power approximately 15 miles northeast of Kemmerer, Wyoming. The helicopter was operated by Omni Aviation Services, LLC of Lafayette, Louisiana. The airline transport certificated pilot, the sole occupant, was not injured. Visual meteorological conditions prevailed, and no flight plan had been filed for the external load flight being conducted under Title 14 CFR Part 133. The flight originated at a staging area 15 miles northeast of Kemmerer approximately 1100.</p> <p>According to the pilot's accident report, the helicopter was being used to support seismic operations in the area and had just dropped off several bags of equipment. He made a right pedal turn to move away from a steep hillside at an altitude of "about 200 feet agl" (above ground level) and a speed of "20 to 30 knots." He "heard the engine begin to 'spool down' and the aircraft began descending." The pilot initiated an autorotation, and the helicopter landed "hard on the right rear skid, which collapsed dropping the [aircraft] onto its right side." He stated that "the rotor rpm had dropped below the green line by the time I had the pitch full down and by the reaction of the [aircraft] at the bottom, I do not think I had gained much back at the time of ground contact."</p> <p>According to the operator, the damage to the helicopter was substantial. The helicopter and engine were sent to Arrow Aviation in Broussard, Louisiana, for examination. According to the Arrow Aviation report, 2 quarts of fuel were pumped from the fuel cells. No water or contaminants were detected in this sample. One ounce of fuel was drained from the engine fuel filter, and 3 ounces of fuel were drained from the engine-driven fuel pump filter bowl. No fuel was found in the engine supply line. Metallic particles were found in the fuel control inlet filter screen.</p>					
FACTUAL REPORT - AVIATION					
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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DEN01LA144			
		Occurrence Date: 08/12/2001			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type: Unknown					
Runway Surface Condition: Unknown					
Approach/Arrival Flown: Unknown					
VFR Approach/Landing: Unknown					
Aircraft Information					
Aircraft Manufacturer Hughes		Model/Series 369FF		Serial Number 0041FF	
Airworthiness Certificate(s): Normal					
Landing Gear Type: Skid					
Amateur Built Acft? No	Number of Seats: 1	Certified Max Gross Wt.	3100 LBS	Number of Engines: 1	
Engine Type: Turbo Shaft	Engine Manufacturer: Allison	Model/Series: 250-C30	Rated Power: 425 HP		
- Aircraft Inspection Information					
Type of Last Inspection 100 Hour	Date of Last Inspection 07/2001	Time Since Last Inspection 57 Hours	Airframe Total Time 2744 Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type Yes /	ELT Operated? Yes	ELT Aided in Locating Accident Site? No			
Owner/Operator Information					
Registered Aircraft Owner Textron Financial Corp.		Street Address 9001 Airport Fwy., Suite 800			
		City Fort Worth	State TX	Zip Code 76180	
Operator of Aircraft Omni Aviation Services, LLC		Street Address P. O. Box 3761			
		City Lafayette	State LA	Zip Code 70502	
Operator Does Business As:			Operator Designator Code: A5OL		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s):					
Operating Certificate:			Operator Certificate: Aircraft External Load		
Regulation Flight Conducted Under: Part 133: Rotorcraft Ext. Load					
Type of Flight Operation Conducted: Other Work Use					

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: DEN01LA144
	Occurrence Date: 08/12/2001
	Occurrence Type: Accident

First Pilot Information

Name On File	City On File	State On File	Date of Birth On File	Age 54
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Sex: M	Seat Occupied: Left	Occupational Pilot? Civilian Pilot	Certificate Number: On File
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Certificate(s): Airline Transport; Flight Instructor; Commercial

Airplane Rating(s): Single-engine Land

Rotorcraft/Glider/LTA: Helicopter

Instrument Rating(s): None

Instructor Rating(s): Helicopter

Current Biennial Flight Review? 06/2001

Medical Cert.: Class 2	Medical Cert. Status: Valid Medical--no waivers/lim.	Date of Last Medical Exam: 06/2001
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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	14793	195			200					
Pilot In Command(PIC)	14593	195								
Instructor	3000									
Instruction Received										
Last 90 Days	195	195								
Last 30 Days		80								
Last 24 Hours		3								

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

Type of Flight Plan Filed: None

Departure Point Kemmerer	State WY	Airport Identifier	Departure Time 1100	Time Zone MDT
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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


Source of Wx Information:
Unknown

 <p>National Transportation Safety Board FACTUAL REPORT AVIATION</p>	NTSB ID: DEN01LA144
	Occurrence Date: 08/12/2001
	Occurrence Type: Accident

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation Ft. MSL	WOF Distance From Accident Site NM	Direction From Accident Site Deg. Mag.
Sky/Lowest Cloud Condition: Clear				Ft. AGL	Condition of Light: Day
Lowest Ceiling: None			Ft. AGL	Visibility: 10 SM	Altimeter: "Hg
Temperature: 27 °C	Dew Point: °C		Weather Conditions at Accident Site: Visual Conditions		
Wind Direction:		Wind Speed: 10	Wind Gusts: 15		
Visibility (RVR): Ft.	Visibility (RVV) SM				
Precip and/or Obscuration:					

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

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

 National Transportation Safety Board FACTUAL REPORT AVIATION	NTSB ID: DEN01LA144	
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	Occurrence Type: Accident	

Administrative Information

Investigator-In-Charge (IIC)

Norman F. Wiemeyer

Additional Persons Participating in This Accident/Incident Investigation:

Robert D Hardwick
FAA Flight Standards Field Office
Casper, WY