



## National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	SUPAI, AZ	<b>Accident Number:</b>	LAX97LA030
<b>Date &amp; Time:</b>	11/01/1996, 1230 MST	<b>Registration:</b>	N90144
<b>Aircraft:</b>	Bell 206B	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 133: Rotorcraft Ext. Load		

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On November 1, 1996, at 1230 hours mountain standard time, a Bell 206B helicopter, N90144, dynamically rolled over and crashed while lifting an external sling load from an uncharted mountainous helipad located near Supai, Arizona. The helicopter was owned and operated by Action Helo of Arizona, under 14 CFR Part 133 for the local flight. Visual meteorological conditions prevailed at the time of the accident and a company VFR flight plan had been filed for the operation. The helicopter was destroyed and property on the ground was damaged in the ensuing crash. The certificated commercial pilot, the sole occupant, sustained minor injuries.

In his written accident report, the pilot said that "while lifting to a hover over a cargo net external load, the 40 foot cable became fouled over the skid (left-right unknown). Control limits were exceeded with an increasing roll rate. The load was released by the electrical switch but the helicopter contacted the ground nose low striking main rotors to the ground. From initial down-force on [the] skid to impact[, it] was less than perhaps four seconds." The pilot also reported that there were no mechanical malfunctions with the helicopter.

## Pilot Information

<b>Certificate:</b>	Commercial	<b>Age:</b>	50, Male
<b>Airplane Rating(s):</b>	Multi-engine Land; Single-engine Land	<b>Seat Occupied:</b>	Right
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	Airplane; Helicopter	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	12/12/1995
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	9970 hours (Total, all aircraft), 4150 hours (Total, this make and model), 9317 hours (Pilot In Command, all aircraft), 112 hours (Last 90 days, all aircraft), 35 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

## Aircraft and Owner/Operator Information

<b>Aircraft Make:</b>	Bell	<b>Registration:</b>	N90144
<b>Model/Series:</b>	206B 206B	<b>Aircraft Category:</b>	Helicopter
<b>Year of Manufacture:</b>		<b>Amateur Built:</b>	No
<b>Airworthiness Certificate:</b>	Normal	<b>Serial Number:</b>	1623
<b>Landing Gear Type:</b>	Skid	<b>Seats:</b>	5
<b>Date/Type of Last Inspection:</b>	10/31/1996, Annual	<b>Certified Max Gross Wt.:</b>	3350 lbs
<b>Time Since Last Inspection:</b>	3 Hours	<b>Engines:</b>	1 Turbo Shaft
<b>Airframe Total Time:</b>		<b>Engine Manufacturer:</b>	Allison
<b>ELT:</b>	Installed, activated, did not aid in locating accident	<b>Engine Model/Series:</b>	250-C20B
<b>Registered Owner:</b>	DONALD A. PARRISH	<b>Rated Power:</b>	425 hp
<b>Operator:</b>	DONALD A. PARRISH	<b>Operating Certificate(s) Held:</b>	
<b>Operator Does Business As:</b>	ACTION HELO OF ARIZONA	<b>Operator Designator Code:</b>	PHDL

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Distance from Accident Site:	0 Nautical Miles
Observation Time:	0000	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:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:		Temperature/Dew Point:	10° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	Company VFR
Destination:		Type of Clearance:	None
Departure Time:	1230 MST	Type of Airspace:	Class G

## Airport Information

Airport:	UNCHARTED HELIPORT	Runway Surface Type:	Asphalt
Airport Elevation:	5100 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Minor	Latitude, Longitude:	

## Administrative Information

Investigator In Charge (IIC):	JEFF RICH
Additional Participating Persons:	FRANK MOORE; LAS VEGAS, NV
Investigation Docket:	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> .