



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	IAEGER, WV	<b>Accident Number:</b>	BF091DOA01
<b>Date &amp; Time:</b>	07/01/1991, 1130 EDT	<b>Registration:</b>	N91348
<b>Aircraft:</b>	BELL UH-1B	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 137: Agricultural		

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## Pilot Information

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<b>Certificate:</b>	Commercial	<b>Age:</b>	25, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Left
<b>Other Aircraft Rating(s):</b>	Helicopter	<b>Restraint Used:</b>	Seatbelt, Shoulder harness
<b>Instrument Rating(s):</b>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	None	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	None Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	08/31/1990
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	420 hours (Total, all aircraft), 280 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BELL	Registration:	N91348
Model/Series:	UH-1B UH-1B	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Restricted	Serial Number:	60-3588
Landing Gear Type:	Skid	Seats:	2
Date/Type of Last Inspection:	06/01/1991, 100 Hour	Certified Max Gross Wt.:	8500 lbs
Time Since Last Inspection:	26 Hours	Engines:	1 Turbo Shaft
Airframe Total Time:	5569 Hours	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	T53-L-11-D
Registered Owner:	RANGER HELICOPTER SERVICE, INC	Rated Power:	1100 hp
Operator:	RANGER HELICOPTER SERVICE, INC	Operating Certificate(s) Held:	
Operator Does Business As:		Operator Designator Code:	KWRG

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	WELC, 1980 ft msl	Distance from Accident Site:	11 Nautical Miles
Observation Time:	1100 EDT	Direction from Accident Site:	110°
Lowest Cloud Condition:	Unknown / 6 ft agl	Visibility	5 Miles
Lowest Ceiling:	Broken / 1900 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:	250°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	25° C / -17° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1115 EDT	Type of Airspace:	Class G

## Airport Information

Airport:		Runway Surface Type:	
Airport Elevation:	0 ft	Runway Surface Condition:	
Runway Used:	0	IFR Approach:	
Runway Length/Width:		VFR Approach/Landing:	

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Substantial
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): Kenneth R Leighton

### Additional Participating Persons:

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](mailto:pubinq@ntsb.gov), or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.