



National Transportation Safety Board Aviation Accident Factual Report

Location:	GATLINBURG, TN	Accident Number:	ATL91FA013
Date & Time:	11/01/1990, 1400 EST	Registration:	N49DA
Aircraft:	BELL 47J-2	Aircraft Damage:	Destroyed
Defining Event:		Injuries:	1 Serious, 2 Minor
Flight Conducted Under:	Part 91: General Aviation - - Sightseeing		

Pilot Information

Certificate:	Commercial	Age:	43, Male
Airplane Rating(s):	Single-engine Land	Seat Occupied:	Front
Other Aircraft Rating(s):	Helicopter	Restraint Used:	Seatbelt
Instrument Rating(s):	None	Second Pilot Present:	No
Instructor Rating(s):		Toxicology Performed:	Yes
Medical Certification:	Class 2 Valid Medical--w/ waivers/lim.	Last FAA Medical Exam:	04/05/1990
Occupational Pilot:		Last Flight Review or Equivalent:	
Flight Time:	8448 hours (Total, all aircraft), 8370 hours (Pilot In Command, all aircraft), 385 hours (Last 90 days, all aircraft), 120 hours (Last 30 days, all aircraft), 2 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	BELL	Registration:	N49DA
Model/Series:	47J-2 47J-2	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:		Serial Number:	1825
Landing Gear Type:	Skid	Seats:	4
Date/Type of Last Inspection:	10/07/1990, Annual	Certified Max Gross Wt.:	2950 lbs
Time Since Last Inspection:	85 Hours	Engines:	1 Reciprocating
Airframe Total Time:	8972 Hours	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	VO-540-B1B3
Registered Owner:	PIGEON FORGE HELICOPTERS, INC	Rated Power:	260 hp
Operator:	PIGEON FORGE HELICOPTERS, INC.	Operating Certificate(s) Held:	None

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	TYS, 981 ft msl	Distance from Accident Site:	26 Nautical Miles
Observation Time:	1350 EST	Direction from Accident Site:	280°
Lowest Cloud Condition:	Clear / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	None / 0 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Calm /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	30 inches Hg	Temperature/Dew Point:	23° C / 6° C
Precipitation and Obscuration:			
Departure Point:	PIGEON FORGE, TN (NONE)	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1350 EST	Type of Airspace:	

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Destroyed
Passenger Injuries:	2 Minor	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Total Injuries:	1 Serious, 2 Minor	Latitude, Longitude:	

Administrative Information

Investigator In Charge (IIC): HICKS E RALPH

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, or at 800-877-6799. Dockets released after this date are available at <http://dms.nts.gov/pubdms/>.