



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	KNOXVILLE, TN	<b>Accident Number:</b>	ATL84FA277
<b>Date &amp; Time:</b>	09/01/1984, 1715 EDT	<b>Registration:</b>	N22299
<b>Aircraft:</b>	BELL 222	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Serious, 4 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Business		

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## Pilot Information

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<b>Certificate:</b>	Airline Transport	<b>Age:</b>	34, 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>		<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--no waivers/lim.	<b>Last FAA Medical Exam:</b>	10/01/1983
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	4564 hours (Total, all aircraft), 3 hours (Total, this make and model), 2464 hours (Pilot In Command, all aircraft), 36 hours (Last 90 days, all aircraft)		

## Aircraft and Owner/Operator Information

Aircraft Make:	BELL	Registration:	N22299
Model/Series:	222 222	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Normal	Serial Number:	47059
Landing Gear Type:	Retractable - Tricycle	Seats:	5
Date/Type of Last Inspection:	08/04/1984, 100 Hour	Certified Max Gross Wt.:	7850 lbs
Time Since Last Inspection:	6 Hours	Engines:	2 Turbo Shaft
Airframe Total Time:	2179 Hours	Engine Manufacturer:	LYCOMING
ELT:	Not installed	Engine Model/Series:	LT101-650C3A
Registered Owner:	BELL HELICOPTER	Rated Power:	620 hp
Operator:	BELL HELICOPTER	Operating Certificate(s) Held:	None
Operator Does Business As:	[EMS]	Operator Designator Code:	

## 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:	12 Nautical Miles
Observation Time:	1700 EDT	Direction from Accident Site:	190°
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:	31° C / 11° C
Precipitation and Obscuration:			
Departure Point:	KNOXVILLE, TN	Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1700 EDT	Type of Airspace:	Class G

## Wreckage and Impact Information

Crew Injuries:	1 Minor	Aircraft Damage:	Destroyed
Passenger Injuries:	1 Serious, 2 Minor	Aircraft Fire:	On-Ground
Ground Injuries:	1 Minor	Aircraft Explosion:	On-Ground
Total Injuries:	1 Serious, 4 Minor	Latitude, Longitude:	

## Administrative Information

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Investigator In Charge (IIC): PHILLIP POWELL

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/>.