



# National Transportation Safety Board Aviation Accident Factual Report

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<b>Location:</b>	WATERFORD, CT	<b>Accident Number:</b>	NYC87DNE05
<b>Date &amp; Time:</b>	09/01/1987, 1915 EDT	<b>Registration:</b>	N180RH
<b>Aircraft:</b>	HALL B-80M	<b>Aircraft Damage:</b>	Substantial
<b>Defining Event:</b>		<b>Injuries:</b>	1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation - Personal		

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## Pilot Information

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<b>Certificate:</b>	Student	<b>Age:</b>	40, Male
<b>Airplane Rating(s):</b>	None	<b>Seat Occupied:</b>	Center
<b>Other Aircraft Rating(s):</b>	None	<b>Restraint Used:</b>	Seatbelt
<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 Expired	<b>Last FAA Medical Exam:</b>	07/29/1985
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	20 hours (Total, all aircraft), 20 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

Aircraft Make:	HALL	Registration:	N180RH
Model/Series:	B-80M B-80M	Aircraft Category:	Gyroplane
Year of Manufacture:		Amateur Built:	Yes
Airworthiness Certificate:		Serial Number:	RCH-1
Landing Gear Type:	Tricycle	Seats:	1
Date/Type of Last Inspection:	Unknown	Certified Max Gross Wt.:	344 lbs
Time Since Last Inspection:		Engines:	1 Reciprocating
Airframe Total Time:	20 Hours	Engine Manufacturer:	MCCULLOCH
ELT:	Not installed	Engine Model/Series:	4318GX
Registered Owner:	HALL, ROBERT C	Rated Power:	90 hp
Operator:	HALL, ROBERT C	Operating Certificate(s) Held:	None

## 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:	Unknown / 0 ft agl	Visibility	15 Miles
Lowest Ceiling:	Broken / 4500 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	Light and Variable /	Turbulence Type Forecast/Actual:	/
Wind Direction:		Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	19° C
Precipitation and Obscuration:			
Departure Point:	(7B8)	Type of Flight Plan Filed:	None
Destination:	(7B8)	Type of Clearance:	None
Departure Time:	1900 EDT	Type of Airspace:	Class D

## Airport Information

Airport:	WATERFORD (7B8)	Runway Surface Type:	Asphalt
Airport Elevation:	60 ft	Runway Surface Condition:	Dry
Runway Used:	15	IFR Approach:	None
Runway Length/Width:	1950 ft / 50 ft	VFR Approach/Landing:	Full Stop; Straight-in

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Minor	<b>Aircraft Damage:</b>	Substantial
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	None
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Minor	<b>Latitude, Longitude:</b>	

## Administrative Information

<b>Investigator In Charge (IIC):</b>	A	J ZITNAY
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### Additional Participating Persons:

<b>Investigation Docket:</b>	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 <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> .
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