



# National Transportation Safety Board Aviation Accident Factual Report

<b>Location:</b>	LAKEHURST, NJ	<b>Accident Number:</b>	NYC86FHD01
<b>Date &amp; Time:</b>	07/01/1986, 1900 EST	<b>Registration:</b>	N1897Z
<b>Aircraft:</b>	Piasecki Acft. Corp. HELISTAT 97-34J	<b>Aircraft Damage:</b>	Destroyed
<b>Defining Event:</b>		<b>Injuries:</b>	1 Fatal, 3 Serious, 1 Minor
<b>Flight Conducted Under:</b>	Part 91: General Aviation -		

## Pilot Information

<b>Certificate:</b>	Airline Transport; Flight Instructor	<b>Age:</b>	58, Male
<b>Airplane Rating(s):</b>	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>	None	<b>Second Pilot Present:</b>	No
<b>Instructor Rating(s):</b>	Helicopter	<b>Toxicology Performed:</b>	No
<b>Medical Certification:</b>	Class 2 Valid Medical--w/ waivers/lim.	<b>Last FAA Medical Exam:</b>	03/03/1986
<b>Occupational Pilot:</b>		<b>Last Flight Review or Equivalent:</b>	
<b>Flight Time:</b>	20500 hours (Total, all aircraft), 1 hours (Total, this make and model)		

## Aircraft and Owner/Operator Information

Aircraft Make:	Piasecki Acft. Corp.	Registration:	N1897Z
Model/Series:	HELISTAT 97-34J HELISTAT 9	Aircraft Category:	Helicopter
Year of Manufacture:		Amateur Built:	No
Airworthiness Certificate:	Experimental	Serial Number:	0001
Landing Gear Type:	Hull	Seats:	8
Date/Type of Last Inspection:	07/01/1986, Unknown	Certified Max Gross Wt.:	111917 lbs
Time Since Last Inspection:	2 Hours	Engines:	4 Reciprocating
Airframe Total Time:	5 Hours	Engine Manufacturer:	WRIGHT
ELT:	Not installed	Engine Model/Series:	R-1820-84C
Registered Owner:	PIASECKI AIRCRAFT CORP.	Rated Power:	1525 hp
Operator:	PIASECKI AIRCRAFT CORP.	Operating Certificate(s) Held:	None

## Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	KNEL, 103 ft msl	Distance from Accident Site:	1 Nautical Miles
Observation Time:	2302 EST	Direction from Accident Site:	40°
Lowest Cloud Condition:	Unknown / 5000 ft agl	Visibility	7 Miles
Lowest Ceiling:	Broken / 5000 ft agl	Visibility (RVR):	0 ft
Wind Speed/Gusts:	6 knots / 12 knots	Turbulence Type Forecast/Actual:	/
Wind Direction:	140°	Turbulence Severity Forecast/Actual:	/
Altimeter Setting:	29 inches Hg	Temperature/Dew Point:	23° C / 12° C
Precipitation and Obscuration:			
Departure Point:		Type of Flight Plan Filed:	None
Destination:		Type of Clearance:	None
Departure Time:	1900 EST	Type of Airspace:	Class E

## Airport Information

Airport:	LAKEHURST NAEC (KNEL)	Runway Surface Type:	Asphalt
Airport Elevation:	103 ft	Runway Surface Condition:	Dry
Runway Used:	0	IFR Approach:	None
Runway Length/Width:		VFR Approach/Landing:	None

## Wreckage and Impact Information

<b>Crew Injuries:</b>	1 Fatal, 3 Serious, 1 Minor	<b>Aircraft Damage:</b>	Destroyed
<b>Passenger Injuries:</b>	N/A	<b>Aircraft Fire:</b>	On-Ground
<b>Ground Injuries:</b>	N/A	<b>Aircraft Explosion:</b>	None
<b>Total Injuries:</b>	1 Fatal, 3 Serious, 1 Minor	<b>Latitude, Longitude:</b>	

## Administrative Information

**Investigator In Charge (IIC):** R J MICHAELS

### 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/>.