



National Transportation Safety Board Aviation Accident Data Summary

Location:	ANCHORAGE, AK	Accident Number:	ANC86LA042
Date & Time:	04/03/1986, 1400 AST	Registration:	N8455P
Aircraft:	ROBINSON R-22A	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

THE STUDENT HELICOPTER PILOT STATED THAT THE HELICOPTER NOSED OVER AND ROLLED TO THE RIGHT DURING THE HOVER. THE PILOT ENCOUNTERED A ROLL TO THE RIGHT DUE TO LOW ROTOR RPM.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:

Findings

Occurrence #1: LOSS OF CONTROL - IN FLIGHT

Phase of Operation: HOVER

Findings

1. (C) PERFORMANCE DATA - NOT UNDERSTOOD - PILOT IN COMMAND
2. (F) IMPROPER USE OF PROCEDURE - PILOT IN COMMAND
3. (C) PROCEDURES/DIRECTIVES - NOT FOLLOWED - PILOT IN COMMAND
4. (F) INATTENTIVE - PILOT IN COMMAND
5. (C) AIRCRAFT HANDLING - NOT MAINTAINED - PILOT IN COMMAND
6. (C) ROTOR RPM - IMPROPER - PILOT IN COMMAND

Pilot Information

Certificate:	Private	Age:	51
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	1030 hours (Total, all aircraft), 30 hours (Total, this make and model), 953 hours (Pilot In Command, all aircraft), 32 hours (Last 90 days, all aircraft), 10 hours (Last 30 days, all aircraft), 1 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ROBINSON	Registration:	N8455P
Model/Series:	R-22A R-22A	Engines:	1 Reciprocating
Operator:	HIGH TECH HELICOPTER, INC	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	O-320-B2C
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	, 0 ft msl	Weather Information Source:	Pilot
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	Calm / ,
Temperature:	-1 °C	Visibility	50 Miles
Precipitation and Obscuration:			
Departure Point:	ANCHORAGE, AK (MRI)	Destination:	

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	JAMES MICHELANGELO	Adopted Date:	
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/ .		

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