



National Transportation Safety Board Aviation Accident Data Summary

Location:	GARDEN CITY, KS	Accident Number:	CHI95LA029
Date & Time:	11/02/1994, 1515 CST	Registration:	N9294F
Aircraft:	HUGHES 269C	Injuries:	N/A
Flight Conducted Under:	Part 91: General Aviation - Business		

Analysis

THE PILOT LEFT THE HELICOPTER UNATTENDED WITH THE ENGINE AT IDLE AND THE ROTOR SYSTEM DISENGAGED. WHILE UNATTENDED, THE ENGINE ACCELERATED, AND THE ROTOR SYSTEM DRIVE BELTS ENGAGED. THE UNPILOTED HELICOPTER MOVED ACROSS THE GROUND, STRUCK A POLE AND WAS SUBSTANTIALLY DAMAGED. POST-CRASH INSPECTION REVEALED THE COLLECTIVE IN THE FULL UP POSITION.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: inadvertant engagement of the rotor drive system, while the helicopter had been left unattended by the pilot.

Findings

Occurrence #1: AIRFRAME/COMPONENT/SYSTEM FAILURE/MALFUNCTION
Phase of Operation: STANDING - ENGINE(S) OPERATING

Findings

1. (C) ROTOR DRIVE SYSTEM,MAIN ROTOR DRIVE BELT - ENGAGED
 2. (C) AIRCRAFT UNATTENDED/ENGINE(S) RUNNING - INTENTIONAL - PILOT IN COMMAND
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Occurrence #2: ON GROUND/WATER COLLISION WITH OBJECT
Phase of Operation: STANDING - IDLING ROTORS

Findings

3. OBJECT - POLE

Pilot Information

Certificate:	Airline Transport; Commercial	Age:	37
Airplane Rating(s):	Multi-engine Land; Single-engine Land	Instrument Rating(s):	Airplane; Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	5500 hours (Total, all aircraft), 450 hours (Total, this make and model), 5100 hours (Pilot In Command, all aircraft), 60 hours (Last 90 days, all aircraft), 25 hours (Last 30 days, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	HUGHES	Registration:	N9294F
Model/Series:	269C 269-C	Engines:	1 Reciprocating
Operator:	HENKLE DRILLING & SUPPLY INC	Engine Manufacturer:	LYCOMING
Operating Certificate(s) Held:	None	Engine Model/Series:	HIO-360-D1A
Flight Conducted Under:	Part 91: General Aviation - Business		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	GCK, 2890 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	None / 0 ft agl	Wind Speed/Gusts, Direction:	10 knots / 20 knots, 30°
Temperature:	23° C	Visibility	20 Miles
Precipitation and Obscuration:			
Departure Point:	Destination:		

Wreckage and Impact Information

Crew Injuries:	N/A	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):	MATTHEW L THOMAS	Adopted Date:	04/05/1995
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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