



National Transportation Safety Board Aviation Accident Data Summary

Location:	Atlanta, AR	Accident Number:	CEN15CA007
Date & Time:	10/03/2014, 1330 CDT	Registration:	N4426M
Aircraft:	BELL 206B	Injuries:	1 Serious
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Analysis

The helicopter had been transported to a remote area with the skid landing gear secured to the helicopter transport trailer with four heavy duty ratchet type tie-downs. After arrival at the work location the pilot and several ground crewmembers prepared the helicopter for an agricultural application flight. The pilot reported that during his walk-around inspection prior to the flight he had overlooked the right rear tie-down, and he attempted to takeoff with the tie-down still attached to the helicopter. As power was applied the helicopter immediately rolled to the right and impacted terrain. Both main rotor blades were impact separated mid-span and the transmission and skid landing gear were partially separated. The helicopter sustained substantial damage to the main rotor system, transmission, tail rotor, tail boom and fuselage. A postaccident examination found no preimpact mechanical anomalies with the helicopter. The characteristics displayed by the helicopter were indicative of it encountering a dynamic rollover.

Flight Events

Prior to flight - Aircraft inspection event
Takeoff - Dynamic rollover
Takeoff - Collision with terr/obj (non-CFIT)
Post-impact - Part(s) separation from AC

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be:
The pilot's inadequate preflight inspection when he did not remove a tie-down strap prior to takeoff, which resulted in a dynamic rollover.

Findings

Aircraft-Aircraft handling/service-Parking/securing-Tie-down/mooring-Inadequate inspection - C
Personnel issues-Action/decision-Action-Lack of action-Pilot - C

Pilot Information

Certificate:	Commercial	Age:	56
Airplane Rating(s):	None	Instrument Rating(s):	Helicopter
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	None
Flight Time:	(Estimated) 2946 hours (Total, all aircraft), 1196 hours (Total, this make and model), 2946 hours (Pilot In Command, all aircraft), 183 hours (Last 90 days, all aircraft), 77 hours (Last 30 days, all aircraft), 0 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BELL	Registration:	N4426M
Model/Series:	206B	Engines:	1 Turbo Shaft
Operator:	TERRE HAUTE HELICOPTER INC	Engine Manufacturer:	ALLISON
Air Carrier Operating Certificate:	Agricultural Aircraft (137)	Engine Model/Series:	250-C20 SER
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KELD, 285 ft msl	Weather Information Source:	Weather Observation Facility
Conditions at Accident Site:	Visual Conditions	Lowest Ceiling:	None
Condition of Light:	Day	Wind Speed/Gusts, Direction:	9 knots, 290°
Temperature:	21°C / 1°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	Atlanta, AR	Destination:	Atlanta, AR

Wreckage and Impact Information

Crew Injuries:	1 Serious	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None

Administrative Information

Investigator In Charge (IIC):	Thomas Latson	Adopted Date:	01/12/2015
Note:	This accident report documents the factual circumstances of this accident as described to the NTSB.		
Investigation Docket:	http://dms.nts.gov/pubdms/search/dockList.cfm?mKey=90229		

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