



National Transportation Safety Board Aviation Accident Data Summary

Location:	Temple, TX	Accident Number:	CEN14CA098
Date & Time:	01/02/2014, 1700 CST	Registration:	N400XL
Aircraft:	BELL 206B	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Analysis

On January 2, 2014, about 1700 central standard time, a Bell 206B helicopter, N400XL, experienced a roll over while repositioning from the ramp to a mobile helipad. The pilot was not injured. The helicopter was registered to and operated by Engemann Aviation Services, LLC under the provisions of 14 Code of Federal Regulations Part 91 as a personal flight. Visual meteorological conditions prevailed for the flight, which originated from Draughton-Miller Central Texas Regional Airport (KTPL) in Temple, Texas.

The pilot reported he was relocating the helicopter from the parking ramp to a mobile helipad approximately 30 feet away. As the pilot lowered the helicopter onto the mobile helipad, the left rear skid slipped off the pad. The helicopter rolled over and impacted the ground on its right side. The rollover resulted in substantial damage to the main rotor head, including separation of the rotor blades, and separation of the tail boom.

Flight Events

Landing - Loss of control on ground

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: The pilot's loss of control while landing on a mobile helipad.

Findings

Aircraft-Aircraft oper/perf/capability-Performance/control parameters-(general)-Not attained/maintained - C

Personnel issues-Task performance-Use of equip/info-Aircraft control-Pilot - C

Pilot Information

Certificate:	Commercial	Age:	54
Airplane Rating(s):	Single-engine Land	Instrument Rating(s):	None
Other Aircraft Rating(s):	Helicopter	Instructor Rating(s):	Helicopter
Flight Time:	11102 hours (Total, all aircraft), 3200 hours (Total, this make and model), 11012 hours (Pilot In Command, all aircraft), 37 hours (Last 90 days, all aircraft), 8 hours (Last 30 days, all aircraft), 3 hours (Last 24 hours, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Manufacturer:	BELL	Registration:	N400XL
Model/Series:	206B	Engines:	1 Turbo Shaft
Operator:	ENGEMANN AVIATION SERVICE LLC	Engine Manufacturer:	ROLLS-ROYCE
Air Carrier Operating Certificate:	None	Engine Model/Series:	250-C20
Flight Conducted Under:	Part 91: General Aviation - Positioning		

Meteorological Information and Flight Plan

Observation Facility, Elevation:	KTPL, 682 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:	8 knots, 360°
Temperature:	7°C / -8°C	Visibility	10 Miles
Precipitation and Obscuration:	No Obscuration; No Precipitation		
Departure Point:	TEMPLE, TX (TPL)	Destination:	Temple, TX (TPL)

Airport Information

Airport:	DRAUGHON-MILLER CENTRAL TEXAS (TPL)	Runway Surface Type:	Asphalt
Runway Used:	N/A	Runway Surface Condition:	Dry
Runway Length/Width:			

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

Administrative Information

Investigator In Charge (IIC):	Courtney Liedler	Adopted Date:	04/01/2014
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=88622		

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