

JL Aviation, Inc
OR-72 Fly JLA Airport

<https://www.FlyJLA.com/>



September 27, 2024

On September 26th I was flying N9984K, 1976 Bell 206L S/N 45054 TTSN 25,604.6, from Toutle, WA to Boring Oregon single pilot with no passengers or cargo and 150 lbs of fuel. Around 4:00 PM in the vicinity of Washougal, WA, I experienced sudden onset severe/extreme main rotor vibration while in normal cruise flight at 1000 ft AGL and 95Kts. Thinking I lost a component from the rotor system I immediately lowered the collective to accomplish an emergency descent and landing. The vibration, which lasted for about 7 seconds, was so extreme that the cabin filled with dust and the gages were unreadable due to the shudder. The vibration began to subside when I turned the aircraft and started to decelerate for landing. It completely subsided at 300 ft AGL and I was able to bring the aircraft in to a hover and land it alongside a gravel road. All systems were normal with the exception of application of forward cyclic required unusual additional pressure. After shutting down the aircraft I conducted a visual inspection and found the tail boom had buckled on the bottom forward section aft of the mount bolts. I found no visual damage to the flight controls or main rotor blades.

Respectfully,

Peter Emerson
Chief Pilot
JL Aviation

Mission Statement:

*To provide the highest quality helicopter service to our customers,
enhancing their capability, mobility, and flexibility while never compromising safety!*

FLY-JLA