



**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety

Washington, D.C. 20594

May 16, 2017

**Addendum 1: Additional Bell Helicopter Charts for Record 51**

**HUMAN PERFORMANCE**

**DCA16FA199**

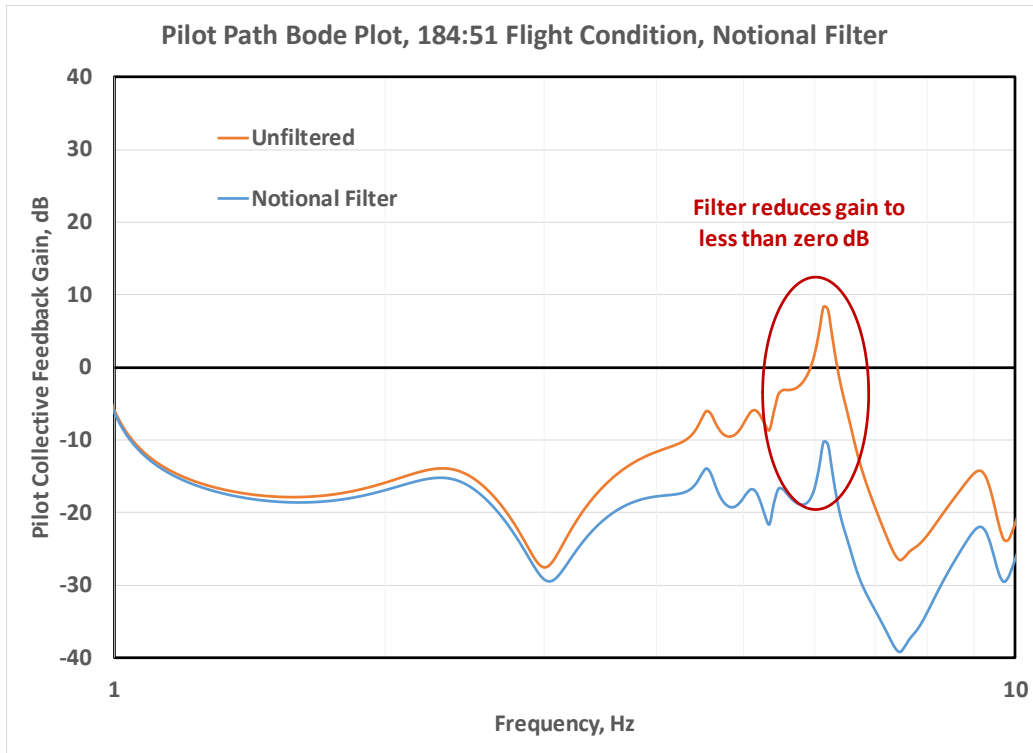


Figure 1. Pilot Path Bode Plot for Record 51, with and without filtering. [Image courtesy of Bell Helicopter]<sup>1</sup>

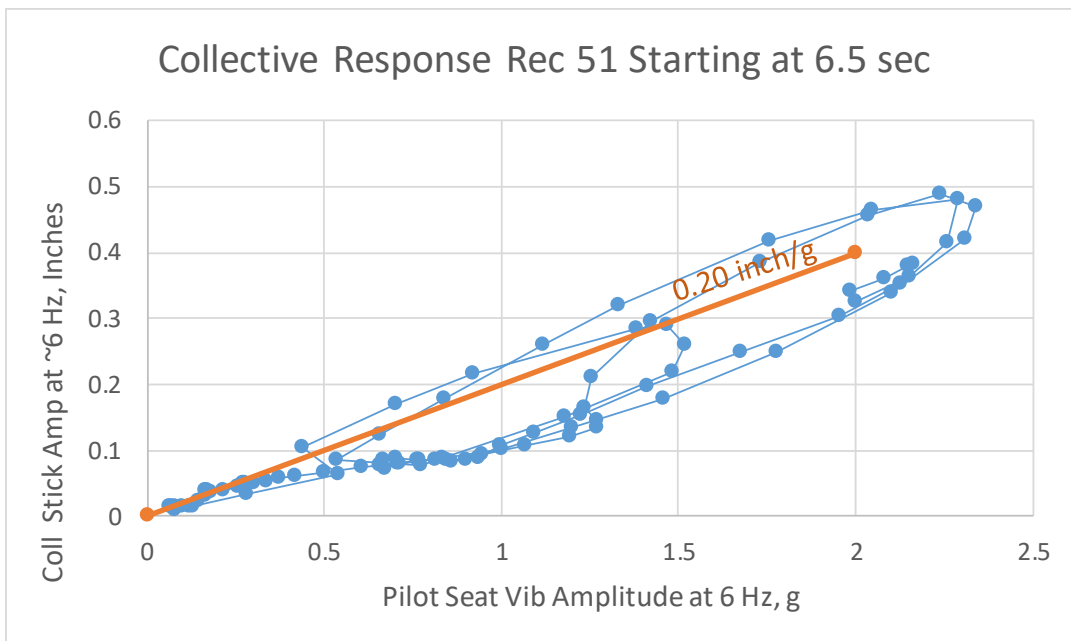


Figure 2. Collective response amplitude as related to pilot seat vibration amplitude for Record 51. [Image courtesy of Bell Helicopter]

<sup>1</sup> The Bode plot uses correlation factors to match the instability seen in testing for the unfiltered case.”