
Human Whole-body Vibration (WBV)

- There are two main types of human vibration:
 - Whole-body vibration
 - Hand arm vibration
- Whole-body vibration is transmitted to the body as a whole, generally through the supporting surface (i.e. feet, buttocks, back, etc.)
- Human perception of WB vibration
 - Typical frequency range is 1-80 Hz
 - This range has a greater impact on human performance
 - Speech 1-20 Hz
 - Reading (instruments) 1-12 Hz
 - Reading (text or displays) 1-50 Hz
 - Control manipulation 1-30 Hz
 - Depth perception 25-50 Hz
 - Motion sickness < 1 Hz