

Hearing Conservation Aspects of Soldier's Exposure to Harmful Noise within Military Armored Vehicles

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Abstract : Soldiers within armored vehicles are exposed to continuous noise reaching levels as high as 120 dB. The use of hearing protection devices (HPD) may attenuate noise by as 25 dB, but attenuated noise reaching the ear is still harmful and may result in hearing loss. Hearing conservation programs in the military suggest methods to manage the harmful effects of noise. These include noise absorption within vehicles, evaluating HPD's performance, limiting time exposure, and providing guidance.

Keywords : armored vehicle noise, hearing loss, hearing protection devices, military noise, noise attenuation

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