



U.S. Army Aeromedical
Research Laboratory

Fort Rucker, Alabama

Communications Earplug



CEP



www.usaarl.army.mil

Communications Earplug

The Communications Earplug (**CEP**) was developed by the USAARL Acoustics Branch to provide U.S. Army aviators with state-of-the-art communications and hearing protection. The **CEP**, a lightweight communications device that consists of a miniature transducer and foam earplug, can be used alone or in combination with other circumaural hearing protection.

When worn with the Aviator's helmet, the **CEP** provides hearing protection that is similar to that provided by the helmet and expandable-foam plugs. This approach provides sound attenuation and speech intelligibility that is as good as any technique observed to date. The combination of state-of-the-art hearing protection and crystal-clear communications provides the U.S. Army aviator with the ability to fly extended mission profiles in even the loudest of the Army's rotary-wing aircraft without compromising hearing, safety, or operational effectiveness.



For more information please visit:

<http://www.usaarl.army.mil>

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