

Apache Block III Integrated Rotary Wing Helmet System



Helmet Mounted Display Integration with Leading Impact Protection

Worn by Apache helicopter crews, the Gentex HGU-56/P Apache Aircrew Integrated Helmet (AAIH) was built with improved safety and comfort features that integrates Elbit's Improved Magnetic Receiver Unit (IMRU), Magnetic Transmitting Unit (MTU), and Helmet Display Unit (HDU). The helmet system is a key component of the Apache Block III (AH-64E), and is based on the highly successful Gentex HGU-56/P Rotary Wing Helmet System.

KEY FEATURES

- Includes an adapter block for the HDU molded to the right eardome of the helmet shell and visor-housing assembly that is designed to accommodate the optical combiner
- Replaces the legacy IHADSS helmet system to maximize cost-effectiveness and provide spare part commonality to the fielded HGU-56/P Helmet Systems
- Provides same impact protection levels as the standard U.S. Army HGU-56/P Helmet System, reducing the probability of concussive injury
- Can be configured to include a laser protective visor to protect aircrew from laser threats such as laser designation systems



MIL-SPEC Or Equivalent	FNS/PD 96-18		Weight In Lbs.
Impact	Frequency Hz	Attenuation dB(A)	
Not to Exceed 175G	250	14	3.66 (1660 g)
	1000	21	
	2000	26	
	4000	37	
	8000	42	

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