



# YOUR EQUIPMENT IS THE FIRST LINE OF DEFENSE

## MARINE CORPS SYSTEMS COMMAND PROGRAM MANAGER INFANTRY COMBAT EQUIPMENT



### ENHANCED COMBAT HELMET

**Overview:** The Enhanced Combat Helmet (ECH) exploits the latest lightweight material technology, Ultra-High Molecular Weight Polyethylene (UHMWPE) material to provide enhanced ballistic protection against select small arms and fragmentation, above what is currently provided by the Lightweight Helmet (LWH)/Advanced Combat Helmet (ACH). This acquisition was led by US Marine Corps in conjunction with US Army and US Navy.

**Features:** Based upon the ACH design, the ECH provides improved field of view, sound localization, and equipment compatibility. With the latest material technology UHMWPE, there is increased ballistic protection against select small arms and fragmentation.

**Components:** The ECH consists of a ballistic shell, suspension pads (3/4 or 1 inch thick), and 4-point retention system. In addition to the above components, a reversible helmet cover, Night Vision Device bracket, and attachment hardware will be provided for wear. A Quick Reference Guide (QRG) is included for instruction on use and care of the helmet.

#### Approved Acquisition Objective (AAO):

UNIT	AAO
I MEF	48,008
II MEF	43,137
III MEF	28,051
MARFORRES	39,171
MARFORCENT	646
MARFORSOC	3,057
WRMR	0
DMFA	0
SPT EST	0
TOTAL	162,070

**Concept of Distribution:** One per Marine/individual issue. Item available at CSP.

**Fielding Status:** Initial AAO fielding of 77,000 complete. Fielding for the inventory objective of 154,147 is occurring from FY2018-FY2020.

**Requirements Document:** Urgent Statement of Need (USON), dated 2 Mar 2009

**Training:** A QRG accompanies each helmet and explains with text and drawings how to adjust, wear, and maintain the helmet. An instructional video is available on MarineNet, UTAP, and YouTube at: <https://www.youtube.com/watch?v=aT20FWVi44c> as well as on the Marine Corps Systems Command Facebook page. Training can be coordinated through Program Manager, ICE.

#### Manuals:

TM 12030A	PCN 184 120300 00
TM 12030A-QRG	PCN 184 120300 00
TM 8470-QRG/1	PCN 184 847000 00
TM 4451-20/1	PCN 180 445100 00

#### PM ICE Serviceability Standard:

TM 4451-20/1	PCN 180 445100 00
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#### Supply/Logistics:

Nomenclature: HELMET, GROUND TROOP  
TAMCN: C01202E  
ID No: 12031A  
NSN: 8470-01-592-6215 (M)  
SAC: 1  
AAC: W  
IED: 1 May 2025

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## PRODUCT INFORMATION SHEET