



**YOUR EQUIPMENT IS THE FIRST LINE OF DEFENSE**

## MARINE CORPS SYSTEMS COMMAND

### PRODUCT 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:** At the direction of the Commandant of the Marine Corps, the ECH takes the shape of the Army's ACH for 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 Goggle 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):** The ECH quantity authorized for peacetime and wartime requirements to equip and sustain the force in accordance with current DoD plans and policies is listed in the table below:

UNIT	AAO
I MEF	27,000
II MEF	28,000
III MEF	22,000
MFR	0
SPT EST	0
TOTAL	77,000

**Concept of Distribution:** One per Deployer

**Fielding Status:** Fielding began FY-14. IOC reached May 2014. Fielding is estimated to be complete for Marine Corps 1<sup>st</sup> Quarter FY-16.

**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 YouTube at

<https://www.youtube.com/watch?v=aT20FWVi44c> as well as on the Marine Corps Systems Command Facebook page. Training may be scheduled with the Product Manager Infantry Combat Equipment (PdM ICE) Training Team (ITT) by contacting PdM ICE at [pdmice@usmc.mil](mailto:pdmice@usmc.mil).

**Manuals:**  
TM 12030A PCN 184 120300 00

**Supply/Logistics:**  
TAMCN: C01202E  
ID No: 12031A  
NSN: 8470-01-592-6215

**Manufacturer:** 3M/Ceradyne, CA

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December 2014