



# MARINE CORPS SYSTEMS COMMAND

Combat Equipment & Support Systems (CESS)  
Program Manager, Infantry Combat Equipment



## Lightweight Helmet (LWH)



### Requirements

CTDS ID: 99229DA

### Overview

The Lightweight Helmet (LWH) replaces the Personal Armor System for Ground Troops (PASGT) helmet, also known as the Kevlar. The LWH will provide protection in various operating environments from fragmentation and 9mm small arms projectiles.

### Fielding Status

Unit	A/O	Qty Fielded	% Fielded
I MEF	56,504	37,596	66.54%
II MEF	60,448	30,637	50.68%
III MEF	30,474	18,247	59.88%
MFR	40,944	22,427	54.77%
SPT	48,794	30,578	62.67%
<b>Total</b>	<b>237,164</b>	<b>139,485</b>	<b>58.81%</b>

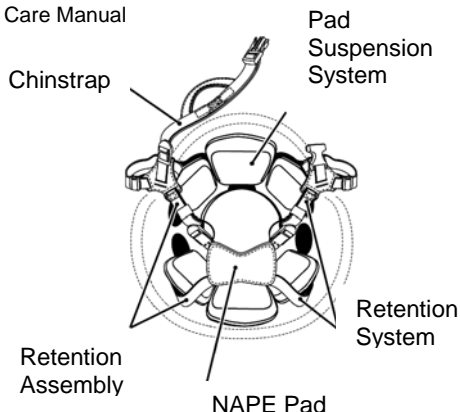
Note: 90k fielded with sling suspension

### Features

The LWH retains the PASGT design but makes use of lighter materials made available by new technologies. The LWH is approximately 3 to 6 ounces lighter than the PASGT, depending on helmet size. It provides greater combat effectiveness through greater comfort and improved fit. It features a retention system and pads that will reduce stress and fatigue on the neck and shoulders. It is available in five sizes ranging from X-Small to X-Large.

### Components:

- Ballistic Shell
- Suspension Hook Disks (Velcro)
- Suspension Pads (3/4 or 1-inch thick)
- Retention Assembly
- Attaching Hardware
- Edging, Finish, and Labels
- Use and Care Manual



### Training

A use and care manual accompanies each helmet and explains with text and drawings how to adjust, wear, and maintain the helmet.

### Supply/Logistics

DLA (DSCP) has been designated as the sustaining organization for this item per fielding message 051846Z Nov 2003.

TAMCN: C3215

ID No: 08744B

NSNs:

Nomenclature	NSN
LWH, X-Small	8470-01-506-0931
LWH, Small	8470-01-506-0934
LWH, Medium	8470-01-506-0938
LWH, Large	8470-01-506-0939
LWH, X-Large	8470-01-506-0954
LW Pad System, 3/4 inch Pad Set (Size 6)	8470-01-546-9420
LW Pad System, 1 inch Pad Set (Size 8)	8470-01-476-5648
Velcro Dots, (Roll of 400 ea)	8470-01-506-6742
Retention Assembly, X-Small / Small	8470-01-549-0938
Retention Assembly, Medium / Large	8470-01-549-1035
Retention Assembly, X-Large	8470-01-549-1041
Retention Assembly, Chinstrap	8470-01-549-0932
Retention Assembly, Hardware Kit	8470-01-549-0932
Retention Assembly, Screws (2 per kit)	5305-01-135-7141
Retention Assembly, Shoulder Screws (2 per kit)	8470-01-551-2480
Retention Assembly, A-nut (2 per kit)	8470-01-494-5990
Retention Assembly, Conic Nuts (4 per kit)	8470-01-541-9320
Helmet Cover, X-Small / Small	8415-01-549-4944
Helmet Cover, Medium / Large	8415-01-549-4946
Helmet Cover, X-Large	8415-01-549-4948
Helmet Cover, Nape Protection Pad	8470-01-554-6751

### Production

The Gentex Corporation in Carbondale, PA produces the LWH.

Production capacity: 5000/mo

Production start: August 2003

Estimated completion date: February 2009

### Manuals

User Logistic Support Summary (ULSS): 08744-15, Lightweight Helmet (LWH) (PCN: 13200874400)

Located at <https://pubs.ala.usmc.mil/pcnsearch.asp>

Operator's Care & Use Manual for the LWH: TM 08744B-12&P (PCN: 50008744000)

Located at <https://pubs.ala.usmc.mil/pcnsearch.asp>

### Project Officer

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<http://www.marcorssyscom.usmc.mil/sites/pmice>