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MARINE CORPS SYSTEMS COMMAND PROGRAM MANAGER INFANTRY COMBAT EQUIPMENT



IMPROVED BALLISTIC EYEWEAR EYE SAFETY SYSTEM CROSSBOW™ SPECTICLE

Overview: The Improved Ballistic Eyewear (IBE) Spectacle is a system consisting of a spectacle and a goggle. It is a product improvement from the previously fielded Military Eyewear Protection System (MEPS) with improved durability, fit, and comfort. The IBE Spectacle is the Eye Safety System (ESS) Crossbow™. Additionally, units may requisition any eyewear listed on the Army's Authorized Protective Eyewear List (APEL).

Features: The IBE is designed to protect Marines against sun, wind, dust, and ballistic fragmentation hazards that are common in the battle space. The eyewear can be worn during the day and night. The IBE offers anti-fog capability, increased field of vision, and ballistic fragmentation protection for the eye. The Crossbow spectacle is compatible with the Universal Prescription Lens Carrier (UPLC) for corrective vision inserts.

Components: Crossbow Spectacle Kit replacement lenses; clear, 10-pack replacement lenses; Smk Grey 10-pack Frame Kit replacement; Hard Case Replacement

Approved Acquisition Objective (AAO):

UNIT	AAO
I MEF	50,764
II MEF	43,383
III MEF	29,499
MARFORRES	41,115
MARFORCENT	646
MARFORSOC	3,057
WRMR	0
DMFA	0
SPT EST	67,586
TOTAL	236,050

Concept of Distribution: One per Marine/individual issue

Fielding Status: Fielding complete

Requirements Document: The Operational and Organizational Concept for the MEPS, Change 2, dated 1 Dec 2010

Training: A manufacturer's instruction card accompanies each spectacle. Training can be coordinated through Program Manager, ICE.

Manuals: A manufacturer's instruction card accompanies each spectacle and explains with text and drawings how to wear, adjust, and maintain the eyewear.

PM ICE Serviceability Standard:
TM 4451-20/1 PCN 180 445100 00

Supply/Logistics:

Nomenclature: SPECTACLES, INDUSTRI
TAMCN: C21702E
ID No: 12390B; 12114A
NSN: 4240-01-630-8327 (w/UPLC); 4240-01-583-5742
SAC: 1
AAC: H
IED: 1 Dec 2025

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PRODUCT INFORMATION SHEET