

Unique Capabilities and Facilities



Camouflage Evaluation Facility

Design and Prototype Facility

Computer Aided Design & Rapid Prototyping Laboratory

Digital Inkjet Design Printing System

Raincourt Facility

Textile Testing Laboratory

Shade Room

Footwear Performance Laboratory

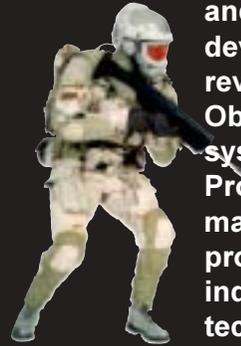
Man-in-Simulant Test (MIST) Chamber



Clothing and Individual Equipment Fightability Course

Fiber Research and Production Facility

Objective Force Warrior



Is the Army's flagship Science and Technology initiative to develop and demonstrate revolutionary capabilities for Objective Force soldier systems. Individual Protection Directorate is a major player in this effort providing the necessary individual protection technologies to modernize the warrior.

Individual Protection Directorate

Natick Soldier Center
Located at
United States Army Soldier Systems Center
15 Kansas Street
Natick, Massachusetts
01760-5019

Telephone: 508-233-4309
DSN: 256-4309
FAX: 508-233-5223

Email:
amssb-rip@natick.army.mil



INDIVIDUAL PROTECTION
DIRECTORATE



The **WARFIGHTERS...**
our
ULTIMATE CUSTOMER

Individual Protection Directorate



MISSION

To plan and execute the research, development and engineering support for clothing and individual equipment programs.

VISION

To be the preferred expert source for individual survivability technology, products, information, and systems.

OBJECTIVES

- Improve Technology Transition (Better, Faster)
- Customer Focused & Satisfaction
- Improve Technology/ Systems Integration
- Increase Partnering with Industry



Science & Technology

Ballistic Technology Team

provides state-of-the-art advancements in lightweight ballistic protective materials and systems to protect individual soldiers from multiple ballistic threats (e.g. fragmentation/bullets).



Chemical Technology Team

provides state-of-the-art advancements in chemical/biological protective materials/ensembles and microclimate conditioning systems to provide protection in nuclear, biological, chemical (NBC) environments.



Materials Integration Team

conducts research to develop multifunctional material systems that are durable/cost effective and protect against a variety of hazards, such as flame, environmental and surveillance.



Fiber Processing & Technology Team

supports research and development, a pilot plant and full scale production capabilities in single and multicomponent fiber extrusion.



Technical Support Services Team provides technical support for multiple customers in engineering design and performs testing and performance evaluations on the functional properties of textile-based materials. Establishes digital color acceptability criteria for use in procuring military items, produces quality prototypes for textile-based items and pursues stitchless and other novel technologies for end-item fabrication.

Joint Service Product Development

Marine Corps Team

provides technical, programmatic and acquisition support to the US Marine Corps in the development of materials and methods for clothing and individual combat equipment.



Army Soldier Systems Engineering Team

supports PEO Soldier in design and fielding individual combat clothing, equipment, footwear and load carriage gear that integrates technology to make a more mobile, more survivable and more lethal warfighter.



Special Operations Forces (SOF) Special Projects Team

is responsible for joint SOF (Army, Navy, USMC and Air Force) development and fielding of personal clothing and equipment.



ISO
9000
Certified