

Interceptor Body Armor

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Increases warfighter lethality and mobility by optimizing Soldier protection while effectively managing all lifecycle aspects of personal protective equipment.

DESCRIPTION

Interceptor Body Armor (IBA) is modular, multiple-threat body armor with components consisting of an Improved Outer Tactical Vest (IOTV); two Enhanced Small Arms Protective Inserts (ESAPI); two Enhanced Side Ballistic Inserts (ESBI); and Deltoid Protectors (DP).

Eleven sizes of IOTVs and five sizes of ESAPI plates are being fielded. The basic system weight (IOTV, ESAPI, ESBI, size medium) is 31 pounds and provides increased area coverage and greater protection. The medium IOTV, without plates, weighs 15 pounds and protects against fragmentation and 9mm rounds. The ESAPI plates provide additional protection and can withstand multiple small arms hits. IBA includes attachable throat,

groin, and neck protectors. It also has webbing attachment loops on the front and back of the vest for attaching pouches for the Modular Lightweight Load-Carrying Equipment (MOLLE). DP provide additional protection from fragmentary and 9mm projectiles to the upper arm.

During Operation Iraqi Freedom combat operations, the side areas not covered by the ESAPI component of the IBA were identified by combat commanders and medical personnel as a vulnerability that needed to be addressed. To meet this threat and provide an increased level of protection, the ESBI was developed.

Commanders have the flexibility to tailor the IBA to meet the specific mission needs or changing threat conditions.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **Current:** In production and being fielded
- **4QFY10:** 402,400 IOTVs and 943,101 ESAPI sets fielded

PROJECTED ACTIVITIES

- **Continue:** Fielding

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



Interceptor Body Armor

FOREIGN MILITARY SALES

None

CONTRACTORS

Armacel Armor (Camarillo, CA)
 Ceradyne, Inc. (Costa Mesa, CA)
 UNICOR Protective Materials Company
 (Miami Lakes, FL)
 BAE Systems (Phoenix, AZ)
 ArmorWorks (Chandler, AZ)
 KDH Defense Systems (Johnstown, PA)
 MSA Armor and Equipment (St. Pauls, NC)
 Point Blank Solutions
 (Pompano Beach, FL)
 The Protective Group (Miami Lakes, FL)

