

Interceptor Body Armor (IBA)

Protects individual Soldiers from ballistic and fragmentation threats in a lightweight, modular body armor package.

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



Description & Specifications

Interceptor Body Armor (IBA) is modular, multiple-threat body armor, consisting of:

- Outer Tactical Vest (OTV)
- Enhanced Small Arms Protective Inserts (ESAPI)
- Enhanced Side Ballistic Inserts (ESBI)
- Deltoid and Axillary Protector (DAP)

Eight sizes of OTVs and five sizes of ESAPI plates are being fielded. The basic system weight (OTV and SAPI, size: medium) is 16.7 pounds, or more than 9 pounds lighter than the Interim Small Arms Protective Overvest (ISAPO) and the Personnel Armor System Ground Troops (PASGT) combination, which it replaces. The

medium size OTV, without plates, weighs 7.7 pounds and protects against fragmentation and 9-millimeter rounds. The ESAPI plates provide additional protection and can withstand multiple small arms hits. IBA includes attachable throat, groin, and collar protectors for increased protection, and webbing attachment loops on the front and back of the vest for attaching pouches for the Modular Lightweight Load-Carrying Equipment (MOLLE). DAP provides additional protection from fragmentary and 9-millimeter projectiles to the upper arm and underarm areas. During Operation Iraqi Freedom combat operations, the side and underarm areas not currently covered by the Enhanced Small Arms Protective Insert (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. These features allow commanders the flexibility to tailor the IBA to meet the specific mission needs or changing threat conditions.

Program Status

- **Current:** In production and being fielded
- **4QFY06:** 964,000 OTVs and 964,000 ballistic insert sets fielded

Projected Activities

- Continue fielding

ACQUISITION PHASE

Concept & Technology Development

System Development & Demonstration

Production & Deployment

Operations & Support

Interceptor Body Armor (IBA)

FOREIGN MILITARY SALES

None

CONTRACTORS

Point Blank Body Armor (Pompano Beach, FL)

ArmaceL Armor (Camarillo, CA)

ArmorWorks (Tempe, AZ)

Ceradyne, Inc. (Costa Mesa, CA)

Armor Holdings/Simula Safety Systems, Inc. (Phoenix, AZ)

Armor Holdings/Specialty Defense Systems (Alexandria, VA)

UNICOR

Protective Materials Company (Miami Lakes, FL)

