

Interceptor Body Armor

INVESTMENT COMPONENT

- Modernization
- Recapitalization
- Maintenance



MISSION

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

DESCRIPTION

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

Eleven sizes of IOTVs and five sizes of ESAPI plates are being fielded. The basic system weight (IOTV, ESAPI, ESBI, size medium) is 30 pounds and provides increased area coverage and greater protection. The medium IOTV, without plates, weighs 15.9 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). DAP provides additional protection from fragmentary and 9mm projectiles to the upper arm and underarm areas. During Operation Iraqi Freedom combat operations, the side and underarm 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
- **4QFY09:** 294,309 IOTVs and 913,437 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

Armacef Armor (Camarillo, CA)
Ceradyne, Inc. (Costa Mesa, CA)
UNICOR Protective Materials Company
(Miami Lakes, FL)
BAE Systems (Phoenix, AZ)

