



USMC Interceptor Multi-Threat Body Armor System

Small Arms Protective Insert (SAPI)

Overview:

The USMC INTERCEPTOR Multi-threat Body Armor System consists of a base vest -the Outer Tactical Vest (OTV) and Small Arms Protective Inserts (SAPIs). The SAPIs upgrade the OTV to provide additional protection from rifle-fired threats. The OTV alone provides fragmentation and 9mm bullet protection and replaces the Personal Armor System - Ground Troops (PASGT) vest currently fielded. OTV and SAPI are each available in five sizes, XS through XL.

Description:

The SAPI plates consist of a ceramic plate backed by multiple layers of a non-woven fabric film. The combination of materials produces a plate that can defeat rifle-fired rounds (5.56mm and 7.62mm) while minimizing back face signature. A protective covering prolongs plate life and minimizes spall in the event of a ballistic impact. At 4-lbs., a SAPI is 50% lighter than Ranger Body Armor while offering equal protection. The complex curvature of the plate optimizes anthropometric compatibility when worn in the front or back pocket of the OTV.

Status:

The INTERCEPTOR System has been in production since 1999 under a five-year contract awarded by Natick contracting to Simula Safety Systems of Phoenix, AZ. In FY04, DSCP will competitively award a new contract for completion of acquisition objectives and on-going sustainment.

Point of Contact:

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