

Pro-Set™ Suspension System



ABSTRACT:

High Impact Technology has developed the Pro-Set™ suspension system that provides improved blunt and ballistic impact protection while retaining maximum comfort. The improved pad system is compatible with existing helmet sizes and will fully accommodate the existing anthropometric head sizes of the warfighter as well as function with items typically worn under the protection system.

SYSTEM DESCRIPTION:

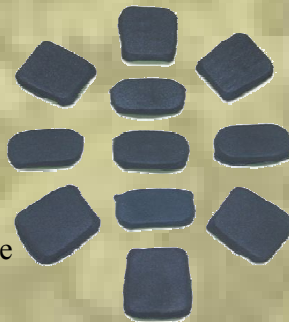
Each Pro-Set™ suspension system is comprised of five oval and six trapezoidal pads that have been carefully designed to achieve maximum balance, stability and comfort, while providing the proper size, fit and ventilation. This suspension system provides superior impact protection for all mission tasks, to include Static Line and Military Free Fall airborne operations.

TECHNOLOGY READINESS:

The Pro-Set™ suspension technology has been extensively tested in both laboratory and field settings to ensure that all fit and function objectives are achieved. The Pro-Set™ technology is commercially off-the-shelf system and is available for immediate procurement.

SYSTEM PERFORMANCE:

Internal and independent studies have demonstrated that the Pro-Set™ suspension system provides improved blunt and ballistic impact protection while retaining maximum comfort to the warfighter. This technology has also proven to be compatible with equipment typically worn in concert with the helmet system.



KEY ATTRIBUTES:

- Improved blunt impact performance
- Improved helmet comfort
- Improved helmet stability
- Reduction in required pad inventory to outfit helmets
- Improved helmet compatibility with equipment typically worn under the ACH
- Renders helmet positively buoyant
- Improves acoustical performance of helmet

For Purchasing or questions about this product contact us at:

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