

## Englands Inflatable Body Armour System (IBAS ®) - Mk 5

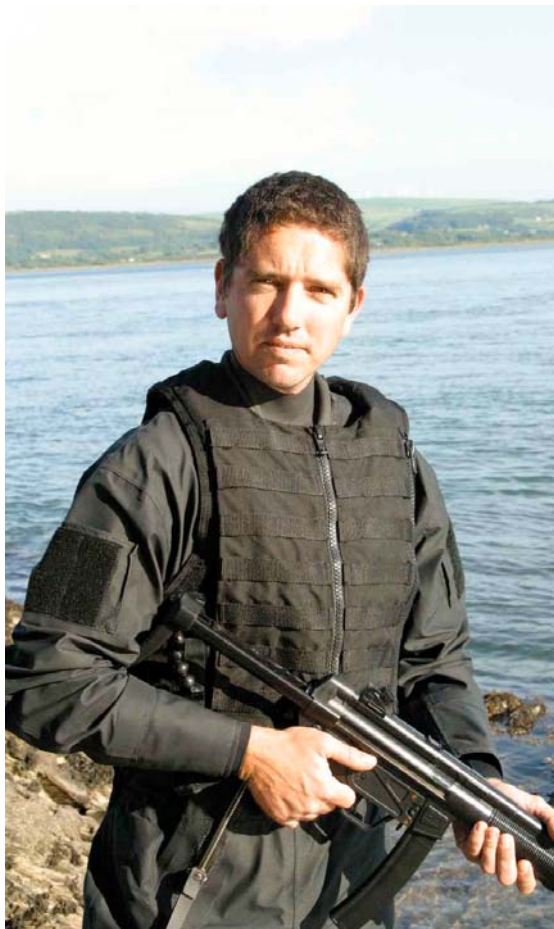
IBAS ® is a unique, versatile and practical jacket incorporating a life jacket with the added ability to contain both soft and hard armour, to protect the life jacket and wearer from bullet and fragmentation attack.

The jacket is a patented design, developed in conjunction with the British Government SMART Award programme. It gives considerable extra comfort and flexibility in comparison to traditional life jackets that are often considered bulky and unduly restrictive.



### Technical Information

- **Weight** –(subject to design) 7 lbs/3.18 kg
- **Protection Level min. from 44 Magnum to AK 47 armour piercing 30-06**
- **30-06 & 7.62X 51mm FFV (Tungsten carbide cored armour piercing)**



**IBAS MODULAR DESIGN**

### **General Information and optional features:**

- Life jacket protected from bullet and fragmentation attack
- Ability to take optional hard armour plate within minutes
- The soft armour gives approximately 500% greater protection than NIJ level 3A
- Will automatically inflate within 3 seconds of water immersion
- Automatic unit can be de-activated allowing diving up to 20m
- Available in reinforced flame-retardant material
- Gas inflatable stole which can be easily removed for servicing
- Aerials and lights can be stored in burstable seams
- Rear lifting strap and mesh lining for comfort
- Four detachable expandable pockets included
- Pocket configuration to user's specification
- Choice of personal locator beacon or radio
- Twin stole option. Buoyancy in excess of 300N if required.
- Self-righting upon inflation
- Light-weight and easy to put on/take off
- Enhanced escape and evasion ability for numerous water crossings.

# Additional Information

The company offers a specific design and supply service to meet the customer's exact requirements, both for the outer jacket design and the body armour.

There is a full range of different styles of jacket available.

## Body Armour

What is important to note, is that the soft armour supplied will far exceed normal international standards, to give greater protection to the wearer and equipment.

For example, all soft armour meets a minimum of American NIJ Standard IIIA. NIJ Level IIIA requires a maximum backface deformation of 44mm for a 9mm 8gm @ 4.26 m/s. Our armour gives a deformation of approx 7mm and with our standard armour piercing plate, there is virtually no deformation.



**IBAS IN COVERT OPERATIONS**



**IBAS WITH REFLECTIVE STRIPS**



**IBAS WITHOUT REFLECTIVE STRIPS**



**Four detachable & expandable pockets included**



**Side Adjustment**



**Mesh Inner Liner**



**Harness Integration**



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