PROTECTIVE BREATHING EQUIPMENT

Value

With a service life of 20 years (minor overhaul at 10 years), the new PBE doubles the life of any product on the market. It is completely interchangeable with B/E's existing PBE and no retraining is required. These features combine to reduce overall product life cycle costs.

Ease of Use

The PBE is donned in less than fifteen seconds by removing the unit from the pouch and placing head through the silicone neckseal into the hood. Immediate protection starts with a simple strap adjustment.

Comfort

The flexible silicone membrane neckseal allows for easy donning over a broad range of head and neck sizes. The hood is secured to the head providing freedom of mobility for the wearer.

Maximum Protection

The PBE protects the wearer from smoke and is resistance to inhaled chemical or biological threats. The neckseal elasticity means better protection from smoke and toxic fumes. An extended hood apron provides added protection for the neck, shoulders and chest of the crew member.

Optimum Functionality

Because visibility is crucial to dealing with an in-flight emergency, the PBE has a large clear polycarbonate main visor and side visor panels, providing the wearer a wide field of vision. The built-in speaking diaphragm facilitates voice communication, and the bright yellow hood and reflector strip enhance visibility throughout the aircraft.

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Many PARTS. *One* PARTNER.
B/E AEROSPACE

Specifications

B/E Aerospace's Crew member Protective Breathing Equipment (PBE) meets the requirements of FAE 121.337 and is TSO C116 certified. The PBE is a closed circuit breathing apparatus designed to protect the wearer's eyes and respiratory tract in an emergency.

The PBE hood envelopes the head of the wearer and provides oxygen with a demand based air regeneration system. This system is a chemical process that uses the unique characteristics of potassium superoxide (KO_2).

Potassium superoxide reacts with water to form oxygen and absorb carbon dioxide. The wearer exhales into an oronasal face piece, which channels the exhaled gases to the KO_2 canister. The dry oxygen has generated by the KO_2, significantly improves the wearer comfort, and helps control misting or fogging of the visor and/or eyeglasses.

The KO_2 canister is located in a specifically insulated pouch in the back of the neck area reducing weight resistance against the wearer's neck and minimizing heat. The functional PBE is vacuum-sealed for long storage life and installed in a protective container within the aircraft cabin.

CUSTOMER SUPPORT

- Expertise in complete gaseous and chemical oxygen systems for both passenger and crew
- Worldwide stocking locations
- Customer and technical support provided from locations worldwide
- Worldwide overhaul and support facilities for timely and convenient service

ORDERING INFORMATION

Part Number	Description
119003-11	PBE
4401005-0XX	PBE Stowage Compartment
119063-01	PBE Stowage Compartment
119002-11	PBE Training Unit
211991-11	Training Unit Neckseal
211979	Facepiece Coverlet

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