

F80 Protective Breathing Equipment (PBE)

Smoke hood ETSO-C116

Designed for crew use in smoky and toxic atmospheres



Specially designed for cabin crew, the protective smoke hood uses compressed aerospace quality oxygen and delivers this oxygen to commercial flight crewmembers, as soon as it is put on, for 15 minutes of operating time. It allows the crew to move about in a polluted atmosphere.



Key benefits

- ✓ Fastest deployment on the market: under 9 seconds
- ✓ Best ergonomics on the market for safety and comfort:
 - Hood perfectly balanced for the wearer's head
 - No adjustment needed once it is donned.
 - Very good visibility: a transparent visor treated with anti-fog coating
- ✓ Excellent visibility
- ✓ Lightest hood on the market: only 1.5 kg
- ✓ Shelf life: 10 years



Characteristics

- Autonomous equipment operating as a closed circuit
- Oxygen flow starts automatically when the hood is put on the head
- Exhaled CO₂ absorbed
- 15 minutes of operating time guaranteed
- Designed for all face configurations
- No adjustments needed: precious extra seconds saved
- Equipped with a speech diaphragm for communication
- Polycarbonate visor treated with anti-fog and anti-scratch coating for perfect visibility
- Nomex fabric hood for optimum fire protection
- No chemical generator: lower cost of ownership (UN 3072)

Compliant with the following standards

- Civil aviation qualified: QAC 168
- FAA qualified: TSO C116
- CAA qualified no.AR01086
- Manufactured under PART21/G number: FR.21G.0068
- Repaired under PART145 number: FR.145.251

Compliant with flammability requirements (box)

- Heat release
- Smoke density
- Toxicity

Technical specifications

- Oxygen source:
 - Pressure: 2175 PSI (150 bar)
 - Capacity: 39 liters NTPD
- Maximum temperature inside the hood: 103° F (39.5° C)
- Weight:
 - Hood: 1.5 kg – 3.08 lbs
 - Total packed weight: 2.47 kg – 5.44 lbs
- Packed dimensions: 315 x 315 x 70 mm
12.40 x 12.40 x 2.76 inches
- Box: ULTEM 9085 made
- Shelflife: 10 years

Range of equipment

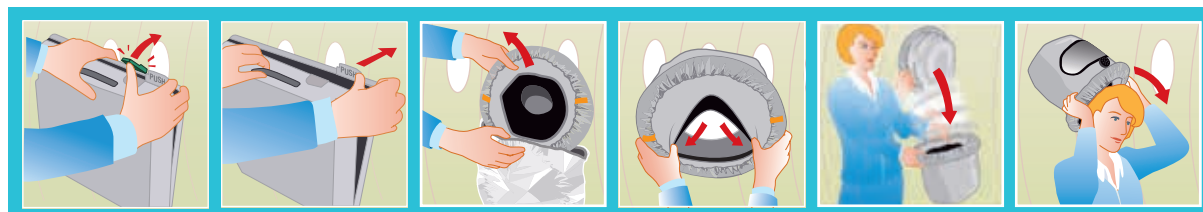
Operational PBE

Part number	Qualification	Use
15-40F-80	ETSO -C116	15 minutes on aircraft

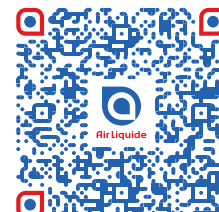
Accessory item: custom mounting brackets can be supplied for easy retrofit when replacing any existing PBE available on the market.

Training PBE

Part number	Qualification	Use
15-40T-80 OP	Manufacturer	5 minutes rechargeable 200 times
15-40T-80 NR	Manufacturer	Training - inert



MORE INFORMATION ABOUT THE F80 PBE



Contacts

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