Protective cabin crew smoke hood

PBE 15-40F-80

Protective breathing equipment specially designed for flight cabin crew in toxic atmospheres

✔ Lightest hood on the market (only 1.5 kg)
✔ Fastest deployment on the market: under 8 seconds
✔ Hood perfectly balanced for the wearer’s head
✔ Excellent visibility
✔ Box: ULTEM 9085 made
✔ Shelf life: 10 years
✔ UN3072
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
- Hood certified to protect against Hypoxia up to 25,000 ft (QAC 168)
- Nomex fabric hood for optimum fire protection
- Box: ULTEM 9085 made
- No chemical generator: lower cost of ownership (UN 3072)

Compliant with 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 – 5.4 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

<table>
<thead>
<tr>
<th>Part number</th>
<th>Qualification</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-40F-80</td>
<td>Compliance with above standards</td>
<td>15 minutes on aircraft</td>
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</tbody>
</table>

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

Training PBE

<table>
<thead>
<tr>
<th>Part number</th>
<th>Qualification</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-40T-80 OP</td>
<td>Manufacturer</td>
<td>5 minutes rechargeable 200 times</td>
</tr>
<tr>
<td>15-40T-80 NR</td>
<td>Manufacturer</td>
<td>Training - inert</td>
</tr>
</tbody>
</table>

Contacts

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