



OXYCREW® SERIES

PROTECT YOUR CREW FROM SMOKE OR FIRE

Protective breathing equipment (PBE) OXYCREW® and OXYCREW CAS

Flight personnel must be able to perform their duties safely and effectively – even in the event of smoke, in-flight fire or ground evacuation. That’s why we developed the OXYCREW® protective breathing hood. With extra safety protection, anti-contamination technologies and a flexible design, OXYCREW offers one of the safest protective breathing experiences in the marketplace.

Maximum crew protection

Our smoke hood offers protection for the head and chest against heat and dripping plastics. Oxygen provided in a closed-loop circuit helps avoid contamination in smoke or in-flight fire.

Ease of use

We designed the hood with the oxygen source away from the head and neck, reducing heat and noise stress and allowing the wearer to move around more easily. The smoke hood comes packed in foil and covered by a lightweight container to provide easy access. An indicator and seal on the container let crews quickly check OXYCREW’s status between flights. And we offer several different dimensions of lightweight stowage boxes for flexible placement.

KEY FEATURES

- Protection of head and chest against heat and dripping plastics
- Immediate oxygen activation, provided in closed-loop circuit
- Oxygen source away from head and neck, reducing heat and noise stress
- A slight overpressure protects the wearer from any external contamination
- Built-in anti-fog ventilation for the hood visor to provide 100% unobstructed view
- Speech transmitter for communicating with passengers/ crew members
- OXYCREW® is vacuum packed. A serviceability indicator shows condition of the PBE.
- Useful life of 10 years



OXYCREW® CAS VERSION

To take advantage of the latest in space and weight-saving cabin designs, we've introduced a cabin attendant seat (CAS) version OXYCREW featuring a new slimline box that can be stowed in the headrest compartment of the attendant seat. It carries the same hood as the standard OXYCREW in fit, form and function.

OXYCREW STORAGE

- To provide easy access and minimum weight OXYCREW is packed in a foil, covered by a light-weight container
- A serviceability indicator and a seal on the container supports simple visual checks
- The OXYCREW can easily be mounted at various locations by a special lightweight bracket



SPECIFICATIONS

Oxygen source	KO ₂ based oxygen generator
Performance	Min. 15 minutes under max. workload acc. to AS 8047 class 4
Container size	OXYCREW: 260 mm x 220 mm x 120 mm (10.2" x 8.7" x 4.7") OXYCREW CAS: 315 mm x 315 mm x 72 mm (12.4" x 12.4" x 2.83")
Total weight	OXYCREW: <2.5 kg (5.5 lbs.) including container OXYCREW CAS: 2.5 kg (5.5 lbs.) including container
Classification	Meets TSO C116 requirements Meets the requirements, in accordance with FAA Action Notice A8150.2 and SAE AS 8047 class 4: Class 1: In-flight cabin or accessible compartment smoke/fire conditions at normal cabin altitude Class 3: Emergency ground evacuation of the aircraft during fire/smoke conditions, operating escape systems and assigning passengers Class 4: Class 1 and Class 3 – Certified by: JAA, FAA, CAA UK, IAC Russia
Operating altitude	Max. 25,000 ft
Storage time	10 years

PART NUMBERS E28180 - SERIES

- OXYCREW® E28180-20-0006
- OXYCREW® CAS E28180-20-0011
- OXYCREW® T E28250-Series (Training Unit without filter device)

Both container versions meet the heat release requirement as per TSO-C116a §6.2.4

Specifications subject to change without notice.



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