

# Aviation Oxygen Product Summary

Cobham Life Support Commercial Off-the-Shelf Products

# COBHAM

The most important thing we build is trust



## B42365-1 OXYGEN CYLINDER AND VALVE ASSEMBLY

The cylinder and valve assembly is a component of aircraft gaseous emergency oxygen systems. The Lightweight 115 cubic feet carbon composite cylinder is form, fit, and function interchangeable with steel.



## 2279 SERIES OXYGEN FILLER VALVE

The 2279 series oxygen filler valve provides a remote fill capability for aircraft gaseous oxygen systems. The valve features temperature compensation and automatic shut-off.



## B43570-3 OXYGEN CYLINDER AND VALVE ASSEMBLY

Similar to B42365-1, the oxygen cylinder and valve assembly includes a pressure switch for transmitting a signal if the valve is open or closed.



## 1552 SERIES WATER PRESSURE REGULATOR

The 1552 series potable water pressure regulator pressurizes potable water systems on commercial aircraft. This regulator is adaptable for other pneumatic systems requiring precise pressure control in a compact and lightweight unit.



## B43350-1 CENTRALIZED FLOW CONTROL UNIT (CFCU)

The B43350-1 is a precise flow, low power consuming oxygen regulator. The CFCU is an altitude sensing high flow pressure regulator that provides oxygen to all passenger masks in the event of decompression.



## B19820 OXYGEN BLEED VALVE

The bleed valve features a lightweight, compact design with an in-line configuration. When actuated as part of pre-flight checks, it safely vents oxygen from the low-pressure distribution line to demonstrate operational integrity of the upstream gaseous oxygen supply.



## B43680-1 CENTRALIZED FLOW CONTROL UNIT (CFCU)

The B43680-1 is a precise flow, low power consuming oxygen regulator. The CFCU is an altitude sensing high flow pressure regulator that provides oxygen to all passenger masks in the event of decompression.



## 2239 SERIES OXYGEN REGULATOR REFILL VALVE

The 2239 series oxygen regulator refill valve provides breathing oxygen for distribution to crew stations on large commercial aircraft. The regulator features a lightweight, compact design with service capability to 2,000 psi.



## B43902-1 RISER LINE SHUT-OFF VALVE

The riser line shut-off valve, or flow fuse, serves to isolate a section of the emergency oxygen system in the event of a severed distribution line. The flow fuse activates when the oxygen flow exceeds the normal operating levels.



## B45526-1 OXYGEN PRESSURE REDUCER

The oxygen pressure reducer includes a pressure transducer for remote system pressure readings. The valve mounts directly to an oxygen cylinder and valve assembly and provides a regulated pressure supply to the altitude compensated pressure regulator.

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## B43577-1 SERIES PARALLEL RELIEF VALVE

The series parallel relief valve prevents excessive pressure build up in the oxygen system in the event of an uncontrolled pressure rise.



## B43575-1 OXYGEN PRESSURE REDUCER

The oxygen pressure reducer mounts directly to the cylinder and hand valve, and provides a regulated pressure supply to an altitude compensated Centralized Flow Control Unit for distribution to passenger masks.



## B19925-1 OXYGEN PRESSURE REDUCER

The oxygen pressure reducer consists of an oxygen pressure reducing regulator with an integral high-pressure reducer. It is used to convert high-pressure oxygen to a lower, manageable pressure for use in aircraft emergency oxygen systems.

### Products in development



## B47875 ELECTRO-MECHANICAL VALVE & REGULATOR

The EMVR is an integrated on/off valve-pressure regulator that is electrically actuated from a remote location such as the cockpit of an airplane. The EMVR is adaptable to a variety of high pressure applications.



## GENERAL AVIATION (GA) MASK AND REGULATOR ASSEMBLY

The general aviation mask and regulator assembly represents the next generation in general aviation oxygen equipment. When combined with standard oxygen supplies, the new system is a breakthrough in comfort and performance.

For further information please contact:

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