



OXYJUMP™ OXYGEN SUPPLY SYSTEM

GO-TIME' DELIVERY FOR SPECIAL FORCES

Whether you're executing high altitude/high opening (HAHO) or high altitude/low opening (HALO) jump missions, you can count on our OXYJUMP™ oxygen supply system to enable you and your team to focus on the mission at hand, not your equipment.

The fully automatic, stand-alone system meets the demanding requirements of special forces at altitudes of up to 10,000 meters (33,000 feet), even under extreme environmental conditions. The two-cylinder system – featuring 200 bar (3,000 psi) technology for a longer oxygen supply in a compact form factor – supplies oxygen for ascent and descent, automatically switching when the pressure of the ascent cylinder drops below 4 bar (60 psi).

OXYJUMP's demand breathing regulator constantly adjusts the proper mix of oxygen to the altitude from mean sea level up to 10,000 meters – conserving oxygen and optimizing system and mission performance.

Our modular design offers mission flexibility, enabling you to use OXYJUMP on most tactical parachute systems – even in tandem configuration. You can use OXYJUMP as a stand-alone system, in combination with a mission oxygen supply system such as our OXYMOSS™ mission oxygen supply system or with existing oxygen consoles or aircraft supply systems. OXYJUMP supports your entire mission team, providing an independent oxygen supply for both parachutists and aircrew. And because it doesn't require a separate, expensive and bulky console, OXYJUMP is ideal for covered missions in small aircraft.

Designed with durable, plastic- and composite-free components to meet the rugged demand of special forces teams, OXYJUMP will enable you to complete unlimited missions with scheduled routine maintenance by Collins Aerospace. During that scheduled maintenance, we'll also make enhancements and upgrades to your system.

KEY FEATURES AND BENEFITS

- Independent oxygen supply
- Compatible with most tactical parachute systems
- Altitude-controlled oxygen regulator increases efficiency
- In-field test equipment increases mission safety
- Extended lifetime usage with routine maintenance





SPECIFICATIONS

Operating altitude	10.058 meters (33,000 feet)/(26.2 kPa abs)
Decompression altitude	12.192 meters (40,000 feet)/(18.1 kPa abs)
Outlet flow	135 LPM, ATPD
Breathing mask masks	Works with pressure compensated and non-pressure compensated
Oxygen cylinder	Size and type upon customer request: 1l, 2l and 4l steel or composite (1,850 psi or 3,000 psi available)
Mounting option	On harness or navigation console
Storage temperatures	Low -55° C (-67° F) High 85° C (185° F)
Operation temperatures	Low -55° C (-67° F) (short time exposure) High 70° C (158° F)

COMPONENTS

- Demand oxygen breathing regulator with automatic changeover valve and diluter valve
- Descent oxygen supply source with a pressure reducer and an oxygen supply cylinder (1l or 2l)
- Ascent oxygen supply source with either a pressure reducer and oxygen supply cylinder or an additional hose for connecting with OXYMOSS or other oxygen console
- Optional oxygen breathing mask connected to HAHO helmets or ballistic helmets

Specifications subject to change without notice.

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