

PART N° 6883A

COLLECTIVE OXYGEN SUPPLY

The ULMER CARGO is a collective oxygen supply fully integrated to main transport aircrafts such as the C130, C160 and A400M aircrafts.

The CARGO is certified up to FL 350 to operate indifferently for HAHO / HALO military free fall operations or for Guided Precision Aerial Delivery Systems (GPADS).

The collective oxygen cylinder system optimizes the cargo bay providing more room.



OXYGEN C160 CARGO BAY



OXYGEN C130 CARGO BAY

KEY FEATURES

- Complies with the STANAG 7056.
- No service life limit (except for cylinders limited to 24 years).
- Lifetime Warranty as long as Ulmer oxygen team provides the full maintenance of the systems.
- Provides 100% of oxygen.
- 4 outlets (colored marks on outlet and associated hoses for easy optic location).
- 1 outlet for emergency mask with continuous oxygen flow.
- Pressure reducer with pressure indicator.
- Quick check system for Jumpmaster. More room inside the cargo bay for tandem, bundle and GPADS.
- Used for HAHO / HALO operations & Aerial delivery missions.
- Easy to install by the aircrew.
- Easy to fill, even for operations in theatre.
- Easy to move thanks to the specific trolley with integrated wheels.
- Very small ground surface to free all of the hold surface.
- Length hose adaptable (1 to 20 meters) with individual flow indicator.
- Fully qualified on large (C130, C160, A400M, ...) and medium (CASA 212, CASA235, ...) aircrafts.
- Full compatibility with small aircrafts (SKYVAN, Twin Otter, CARAVAN, ...).

SPECIFICATIONS

See the reverse side of this information sheet for details related to Specifications.

SPECIFICATIONS

- Weight: 27 kg.
- Altitude (ceiling) : 35,000 ft (10,668 m).
- Tank pressure: 1,850 Psi (125 bars).
- Tank capacity: 25.5 liters, 4 parachutists (> 75 minutes x 4 parachutists) plus emergency exit.
- Twin bottles option: up to 8 parachutists (C160 cargo bay picture).
- 1,850 Psi (125 bars) and 25.5 liters to optimize the useful volume of mother cylinders during console recharge and reduce number of mother cylinders.

