



Photo: United States Air Force

F-16 On-Board Oxygen Generation System (OBOGS)

Manufactured by.....

COBHAM



Blue Aerospace, as the Lockheed Martin Aero authorized F-16 distributor, is pleased to offer the full line of OBOGS spares and component repairs, manufactured and serviced by Cobham Life Support, for F-16 operators and MRO centers worldwide.

OBOGS provides continuous oxygen to the crew throughout the mission while reducing reliance on heavy and bulky LOX bottles, which can add to aircraft stress and load weight reduction. The system has a proven history of over 4 million flight hour in use world-wide.

Item Description

Part Number

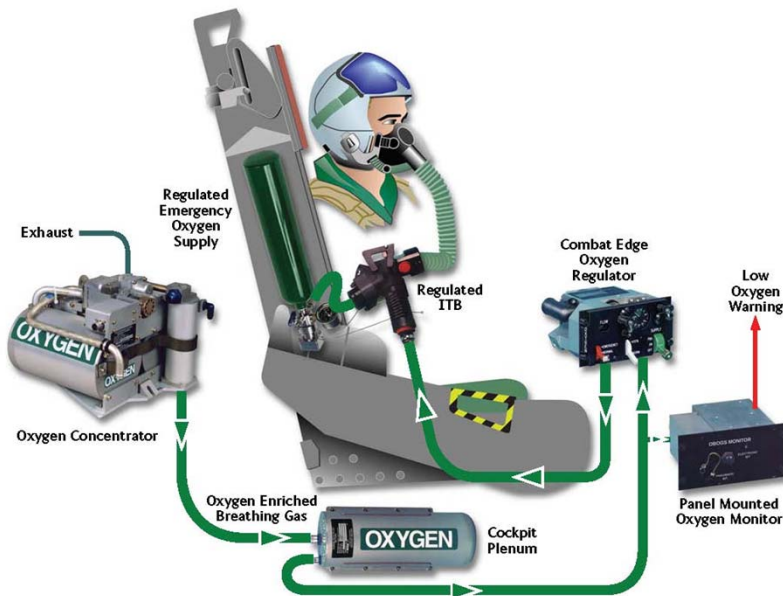
NSN

Oxygen Monitor	16VK058-2 / 3270074-0201	1660-01-473-3548
Combat Edge Oxygen Regulator (CRU-98/A)	16VK059-2 / 3260050-0205	1660-01-473-3549
Backup Oxygen Supply Canister	16VK060-1 / 3261134-0101	1660-01-463-1167
Manifold Assembly	16VK061-1 / 3262038-0101	1660-01-463-3216
Ejection Seat Oxygen System (50 CU IN)	16VK062-3 / 3261130-0103	1660-01-473-2858
Oxygen Regulator (CRU-79/ITB, CRU-94)	16VK063-2 / 3262033-0102	1660-01-473-3550
Oxygen Concentrator	16VK064-2 / 3261124-0201	1660-01-473-3547



Features

- ✓ Significant life cycle cost advantage
- ✓ Extends the operational theater and enhances mission effectiveness of the aircraft
- ✓ Improves safety
- ✓ Provides breathing oxygen in presence of chemical agents
- ✓ Weighs less than LOX
- ✓ Eliminates LOX quantity management workload in flight
- ✓ Reduces logistics infrastructure and turn-around time
- ✓ Eliminates the need for LOX generation, servicing and storage
- ✓ Eliminates Daily / Turn-around inspections
- ✓ Eliminates "I" level support



OBOGS eliminates the need for LOX by utilizing bleed air from the engine and separating its components through a two-bed molecular sieve pressure swing adsorption (PSA) technology.

The OBOGS provides and generates a continuous supply of 93% breathing oxygen and interfaces with the conditioned bleed air supply and the 28 VDC electrical supply.

Blue Advantage

Blue Aerospace, a global supply chain & logistics management expert, offers a wide variety of life support products as well as repair management service for military aircraft operators & maintainers world-wide. **Please contact us at info@blueaero.com**

