

Helicopter Oxygen System (Mi-17 Class)

CAPABILITY SHEET - BOTTLES, REGULATORS, PORTABLE & CASUALTY OXYGEN

THE ONE IDEA

A FIGHTER FEEDS ONE PILOT	A helicopter feeds the cabin - crew, troops and casualties - across high mountain air. The oxygen problem is a cabin problem, not a cockpit one.
HIGH GROUND, THIN AIR	A transport helicopter flies where the ground is high; the air is thin enough that crew judgement fades on a long transit. Hypoxia arrives without warning.
ONE STORE, MANY NEEDS	Crew regulators, passenger outlets, portable walk-around sets and casualty oxygen - all drawn from the same onboard bottles, charged and proven on the ground.

THE SYSTEM

STORE & METER	Onboard high-pressure gaseous oxygen bottles hold the supply; crew regulators meter it breath by breath, with the switch to portable and emergency supplies.
SHARE & MOVE	Continuous-flow and economiser outlets feed troops and passengers; portable walk-around sets free a crew member to move; a casualty set supplies the stretcher.
CHARGE & PROVE	On the ground the bottles are charged oil-free and oxygen-clean, and regulators and masks are proven against the altitude schedule before flight.

THE HONEST SPLIT

OURS	Engineering, indigenisation, distribution, integration, and - the strongest part - the oil-free, oxygen-clean ground charging and altitude-schedule test.
CO-DEVELOPED / BOUGHT-IN	The airworthy oxygen bottle shells, the precision regulator internals and the specialist mask components come from established makers of those items.
THE LINE WE DO NOT BLUR	We indigenise, charge, integrate and prove a helicopter oxygen system as a whole; we do not claim to be the original maker of a certified aviation bottle.

PROOF & ENGAGEMENT

QUOTED CLASS	Neometrix has quoted against successive helicopter aircrew oxygen requirements - Mi-17-class bottles and regulators, portable oxygen sets and oxygen test equipment.
A CABIN, FLEET-WIDE	Whether a whole cabin system engineered, or a steady indigenised supply of bottles and regulators for a fleet already flying - the honest scope is stated the same way.
ENGAGEMENT	Tell us the fleet, the sectors, and what the cabin must carry, at sales@neometrixgroup.com .

DEFENCE PROGRAMMES DESK

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