



## EMERGENCY PASSENGER OXYGEN SYSTEM (EPOS)

### FEATURES

- Up to 60 minutes of protection
- Durable packaging
- Lightweight and portable
- 360° visibility
- 10+ year shelf life

The Emergency Passenger Oxygen System (EPOS) is a self-contained protective breathing device intended for trained individuals in military aircraft emergencies such as decompression, fire, evacuation, rescue, smoke-filled cabins, toxic fumes or hazardous cargo spills. The EPOS utilizes compressed aviator grade oxygen and CO2 scrubbers to furnish up to 60 minutes for someone at rest. The patented hood provides 360° visibility and dons in less than 15 seconds. Used by USAF and other air forces around the world.



<b>W"x L"x H"</b>	2 x 9 1/2 x 7 1/2
<b>WEIGHT</b>	2 LBS.
<b>TIME DURATION</b>	20 MINUTES DEPENDING ON WORKLOAD LEVEL AND PHYSICAL CONDITION. UP TO 60 MINUTES FOR A PERSON SITTING, WAITING TO BE RESCUED.
<b>SOURCE OF BREATHABLE AIR</b>	AVIATOR GRADE COMPRESSED OXYGEN. O <sub>2</sub> CYLINDER, WITH OVERPRESSURE PROTECTION TO PREVENT RUPTURE.
<b>CARBON DIOXIDE CONTROL</b>	PATENTED PASSIVE SCRUBBERS
<b>DONNING TIME</b>	LESS THAN 15 SECONDS
<b>CARBON DIOXIDE (MAX AVERAGE)</b>	4%
<b>OXYGEN (MINIMUM VALUE)</b>	18%
<b>OXYGEN ACTIVATION</b>	SEMI-AUTOMATIC
<b>SHelf LIFE</b>	10-YEARS 6-MONTHS FROM THE DATE OF MANUFACTURE
<b>SIZING/FITTING</b>	FITS 5TH TO 95TH PERCENTILE ADULTS WITHOUT ADJUSTMENT
<b>VISIBILITY</b>	360°
<b>ORAL COMMUNICATION</b>	EFFECTIVE AT 12 FEET
<b>INSIDE HOOD TEMPERATURE</b>	104°F MAX @ 68°F AMBIENT
<b>OPERATING TEMPERATURE RANGE</b>	5° F TO 120° F
<b>STOWAGE TEMPERATURE RANGE</b>	-20° F TO 185° F
<b>CABIN PRESSURE ALTITUDE</b>	8,000 FEET
<b>THERMAL RESISTANCE</b>	RADIANT HEAT - 1.0 BTU/SQ. FT. FOR UP TO 60 SECONDS, DRIPPING THERMOPLASTIC - 390°F, TRANSIENT FLAME - 1800°F FOR 5 SECONDS
<b>PROTECTION FACTOR RATIO (TYPICAL)</b>	260 @ 80 WATTS

**WARNING:** THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).