



SELF-CONTAINED UNIT (SCU)

FEATURES

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

The Self-Contained Unit (SCU) is a lightweight, portable, protective breathing device. Designed to safeguard a passenger or crewmember, the SCU provides up to 60 minutes of protection from the effects of smoke, carbon dioxide, harmful gases or oxygen deficiency during an in-flight emergency on private aircraft. The patented hood takes less than 15 seconds to don and provides 360° visibility allowing the wearer to see, hear, talk and move freely.



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