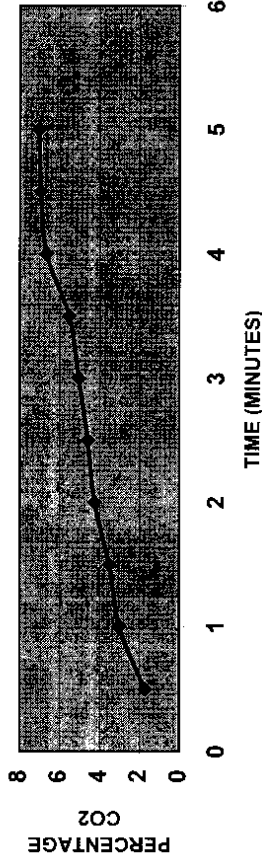


# ILC DOVER MODEL 35 CHEMTURION CO2 TEST



**Date of Test:** Wednesday, November 10, 1999      **Gas:** Air Products Calibration Gas  
**Monitored by:** Dr. Perese, Flight Surgeon      **Monitor:** Tube in Suit Head Area  
**Equipment Used:** Beckman CO2 Monitor      **Flow Rate:** 500 cc/minute

The test subject was positioned on a treadmill, walking approximately 2 mph. Supplied air was cut off, while the test subject continued his activity on the treadmill. The percentage of CO2 was measured at 30 second intervals until reaching 5 minutes. At the end of 5 minutes, the subject didn't exhibit any signs of oxygen deprivation, and the test was stopped.

This test was performed to verify our Owner's Manual statement that, in the case of unanticipated loss or interruption of breathing air, there is approximately five (5) cubic feet of free air volume available in the suit when manned, providing approximately five (5) minutes of breathing time for emergency situations.