

Note: The critical value for CO2 is .7600 mmHg							
Life Support Practice Data							
CO2							
Table Headings	Coordinate Universal Time	Total Atmospheric Pressure	Content	Partial Pressure	Change	Rate of Change	Time to Criticality*
Units	HH:MM	mmHg	%	mmHg	mmHg	mmHg per minute	minutes
Column	A	B	C	D	E	F	G
Calculations	From Data	From Data	From Data	D= B x C/100	E = Current D - Previous D	F = E/15	G=
							<u>Critical Value-D</u>
							F
	15:00	758	0.0860	0.6519	n/a	n/a	n/a
	15:15	752.5	0.0910	0.6848	0.0329	0.0022	34.3023
	15:30	747.5	0.0990	0.7400	0.0553	0.0037	5.4231
	15:45	742.5	0.1040	0.7722	0.0322	0.0021	Critical
	16:00	735	0.0960	0.7056	-0.0666	-0.0044	n/a
	16:15	729	0.0980	0.7144	0.0088	0.0006	77.5170
	16:30	725	0.1020	0.7395	0.0251	0.0017	12.2608
	16:45	727.5	0.1020	0.7421	0.0026	0.0002	105.5882
	17:00	730	0.1110	0.8103	0.0683	0.0046	Critical
	17:15	738	0.1450	1.0701	0.2598	0.0173	Critical
	17:30	740.1	0.1230	0.9103	-0.1598	-0.0107	Critical
	17:45	746	0.1080	0.8057	-0.1046	-0.0070	Critical
	18:00	749	0.1000	0.7490	-0.0567	-0.0038	n/a
	18:15	755	0.0950	0.7173	-0.0318	-0.0021	n/a
	18:30	757	0.0890	0.6737	-0.0435	-0.0029	n/a
	18:45	756	0.0710	0.5368	-0.1370	-0.0091	n/a