

Note: The Critical Value for O2 is 115.00 mmHg							
Life Support Mission Data							
O2							
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>
	15:00	756	20.610	155.8116	n/a	n/a	n/a
	15:15	757	20.500	155.1850	-0.6266	-0.0418	961.9773
	15:30	755	20.440	154.3220	-0.8630	-0.0575	683.4647
	15:45	749	20.600	154.2940	-0.0280	-0.0019	21050.3571
	16:00	746	20.680	154.2728	-0.0212	-0.0014	27787.3585
	16:15	740.1	20.810	154.0148	-0.2580	-0.0172	2268.3908
	16:30	738	20.660	152.4708	-1.5440	-0.1029	364.0274
	16:45	730	20.740	151.4020	-1.0688	-0.0713	510.8814
	17:00	727.5	20.540	149.4285	-1.9735	-0.1316	261.6810
	17:15	725	20.710	150.1475	0.7190	0.0479	n/a
	17:30	729	20.440	149.0076	-1.1399	-0.0760	447.5077
	17:45	735	18.560	136.4160	-12.5916	-0.8394	25.5122
	18:00	742.5	20.460	151.9155	15.4995	1.0333	n/a
	18:15	747.5	20.700	154.7325	2.8170	0.1878	n/a
	18:30	752.5	21.140	159.0785	4.3460	0.2897	n/a
	0.78125	757.5	21.180	160.4385	1.3600	0.0907	n/a