

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
143800	42988	230	313.9	-24	3.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	20	1.64	84.7	21.4	0.8	-0.8	2.8	0.7	0	Up	0.990	-1.082	0.050	23.6	23.5	Off
143801	43008	229	313.9	72	3.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.4	20	1.2	-0.2	3.3	1.1	0	Up	0.965	-1.082	0.050	23.6	23.5	Off
143802	43000	230	313.9	24	3.1	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.4	20	1.3	-0.2	3.2	1.3	0	Up	0.981	-1.082	0.052	23.6	23.5	Off
143803	42996	230	313.9	24	3.1	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	0.8	-0.9	2.7	1.3	0	Up	0.970	-1.082	0.048	23.6	23.5	Off
143804	43000	229	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	0.8	-1.0	2.5	0.9	0	Up	0.970	-1.082	0.048	23.6	23.5	Off
143805	43004	230	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	20	1.64	84.6	21.4	0.9	-0.7	2.7	0.7	0	Up	0.944	-1.082	0.052	23.6	23.4	Off
143806	42996	231	313.9	0	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	18.7	1.64	84.6	20	1.3	-0.4	2.8	0.9	0	Up	0.981	-1.082	0.050	23.6	23.4	Off
143807	43004	231	313.9	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	1.3	-0.2	3.1	0.9	0	Up	0.965	-1.082	0.050	23.6	23.4	Off
143808	42992	231	313.9	0	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	0.9	-1.1	3.0	1.1	0	Up	0.970	-1.082	0.042	23.6	23.4	Off
143809	43000	231	313.9	24	2.9	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.4	20	0.5	-1.0	2.6	1.2	0	Up	0.986	-1.082	0.048	23.6	23.4	Off
143810	42988	231	313.9	0	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	20	1.63	84.4	20	0.9	-0.7	2.6	0.9	0	Up	0.963	-1.082	0.044	23.6	23.4	Off
143811	42992	232	313.9	-96	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.4	20	1.1	-0.3	2.8	0.9	0	Up	0.979	-1.082	0.046	23.6	23.4	Off
143812	43000	232	313.9	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.4	20	1.2	-0.3	2.9	1.0	0	Up	1.004	-1.070	0.042	23.6	23.4	Off
143813	42988	231	313.9	-48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.6	20	1.3	0.0	3.3	1.1	0	Up	0.992	-1.074	0.044	23.6	23.4	Off
143814	43008	231	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	0.9	-0.9	3.2	1.3	0	Up	0.963	-1.082	0.048	23.6	23.4	Off
143815	43000	231	313.6	-24	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.4	20	1.0	-0.7	2.6	0.8	0	Up	0.988	-1.066	0.046	23.6	23.4	Off
143816	42996	231	313.6	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.4	20	1.1	-0.6	2.6	0.6	0	Up	0.967	-1.082	0.048	23.6	23.4	Off
143817	42988	231	313.9	-96	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	1.2	-0.5	2.9	0.7	0	Up	0.967	-1.082	0.048	23.6	23.4	Off
143818	42996	231	313.9	24	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.64	84.6	20	1.2	0.0	3.1	1.1	0	Up	0.965	-1.066	0.046	23.6	23.4	Off
143819	43008	231	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	18.7	1.63	84.4	20	1.4	-0.7	3.3	1.3	0	Up	0.960	-1.082	0.046	23.6	23.4	Off
143820	43008	231	313.9	120	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	18.7	1.63	84.4	20	0.8	-0.8	2.6	1.3	0	Up	0.981	-1.082	0.048	23.6	23.4	Off
143821	42996	231	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.4	20	0.8	-0.6	2.6	0.7	0	Up	0.956	-1.082	0.046	23.6	23.3	Off
143822	42996	231	313.9	-24	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	84.1	18.7	1.63	84.4	20	1.2	-0.3	3.0	0.9	0	Up	0.986	-1.082	0.042	23.6	23.3	Off
143823	42996	231	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.4	20	1.2	-0.3	3.0	0.9	0	Up	0.956	-1.082	0.050	23.6	23.3	Off
143824	43000	231	313.9	-48	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	84.1	18.7	1.63	84.4	20	1.4	-0.2	3.3	1.3	0	Up	0.990	-1.078	0.042	23.6	23.3	Off
143825	43008	231	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.9	18.7	1.63	84.4	20	1.2	-0.8	2.7	1.2	0	Up	0.956	-1.082	0.048	23.6	23.3	Off
143826	43004	231	313.9	48	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.64	83.9	18.7	1.63	84.4	20	1.0	-0.8	2.7	0.7	0	Up	0.974	-1.082	0.042	23.6	23.3	Off
143827	42996	231	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.9	18.7	1.63	84.4	20	0.9	-0.4	2.8	0.9	0	Up	0.958	-1.076	0.046	23.6	23.3	Off
143828	42996	231	313.9	0	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.9	18.7	1.63	84.4	20	0.9	-0.5	3.1	0.9	0	Up	0.958	-1.082	0.050	23.6	23.3	Off
143829	42992	231	313.9	-96	3.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.9	18.7	1.63	84.4	20	0.9	-0.3	3.2	1.2	0	Up	0.967	-1.078	0.046	23.6	23.3	Off
143830	43000	230	313.9	-48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.9	18.7	1.63	84.4	20	1.0	-0.7	3.1	1.3	0	Up	0.967	-1.074	0.048	23.5	23.3	Off
143831	42992	231	313.9	-24	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	1.2	-0.8	2.7	1.3	0	Up	1.004	-1.062	0.044	23.5	23.3	Off
143832	42988	230	313.9	-48	3.1	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	0.8	-0.7	2.6	1.0	0	Up	0.999	-1.064	0.046	23.5	23.3	Off
143833	42996	231	313.9	0	3.1	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	0.7	-0.6	2.8	0.9	0	Up	0.988	-1.078	0.050	23.5	23.3	Off
143834	42992	230	313.9	-48	3.1	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	0.9	-0.2	3.0	1.1	0	Up	0.992	-1.074	0.044	23.5	23.3	Off
143835	43000	230	313.9	-48	3.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.4	20	1.1	-0.4	3.0	1.1	0	Up	0.979	-1.076	0.044	23.5	23.3	Off
143836	42992	231	313.9	-72	3.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.4	20	0.9	-0.9	2.8	1.3	0	Up	0.972	-1.072	0.050	23.4	23.3	Off
143837	42952	230	313.9	-264	3.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	0.8	-0.8	2.6	1.3	0	Up	0.983	-1.062	0.042	23.4	23.1	Off
143838	42996	230	313.9	0	3.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Not	Not	1.62	83.8	18.7	1.63	84.2	20	0.7	-0.6	2.6	0.9	0	Up	0.992	-1.064	0.050	23.4	23.1	Off
143839	43000	230	313.9	48	3.1	-0.3	Engaged	Engaged	100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.8	18.7	1.63	84.2	20	0.8	-0.3	2.8	1.0	0	Up	0.972	-1.060	0.050	23.4	23.1	Off
143840	42992	231	313.9	-48	3.3	-0.7	Engaged	Engaged	100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.8	18.7	1.63	84.2	20	0.9	-0.4	3.0	1.1	0	Up	0.979	-1.060	0.050	23.4	23.1	Off
143841	42992	230	313.9	0	3.1	-0.7	Engaged	Engaged	100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.8	18.7	1.63	84.2	20	1.0	-0.9	3.2	1.3	0	Up	0.983	-1.082	0.044	23.4	23.1	Off
143842	42992	231	313.9	24	3.1	-0.7	Engaged	Engaged	100	Not Cap	Not Cap	Caution	Off	Not	Not	1.63	83.8	18.7	1.63	84.2	20	1.0	-1.0	2.7	1.3	0	Up	0.979	-1.070	0.042	23.4	23.1	Off
143843	43004	231	313.6	48	3.1	-0.3	Engaged	Engaged	100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.6	18.7	1.63	84.2	20	0.7	-0.8	2.5	0.9	0	Up	0.983	-1.082	0.042	23.4	23	

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
143856	43004	230	313.9	24	2.9	-0.7	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.6	18.7	1.63	84.2	18.7	1.2	-0.4	3.0	0.8	0	Up	0.949	-1.082	0.048	23.3	23.1	Off
143857	43004	230	313.9	48	2.9	-0.7	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.6	18.7	1.63	84.2	18.7	1.2	-0.1	3.2	1.0	0	Up	0.960	-1.082	0.048	23.3	23.1	Off
143858	42996	230	313.9	-48	2.9	-0.7	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.6	18.7	1.63	84.2	18.7	1.3	-0.8	3.1	1.3	0	Up	0.965	-1.082	0.046	23.3	23.1	Off
143859	43012	230	313.9	0	2.9	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	Off	Not	Not	1.62	83.6	18.7	1.63	84.2	18.7	0.9	-0.8	2.6	1.3	0	Up	0.970	-1.076	0.046	23.3	23.1	Off
143860	43004	230	313.9	-48	2.9	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.63	84.2	20	0.7	-0.7	2.7	0.7	0	Up	0.960	-1.066	0.050	23.3	23.1	Off
143861	43000	230	313.9	0	2.9	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.63	84.2	20	0.8	-0.3	2.8	0.9	0	Up	0.976	-1.060	0.048	23.3	23.1	Off
143862	42996	230	313.9	-48	2.9	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.63	84.2	20	1.0	-0.2	3.0	1.1	0	Up	0.963	-1.080	0.046	23.1	23.1	Off
143863	42996	230	313.9	-24	2.9	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.4	18.7	1.62	84.2	18.7	1.2	-0.1	3.3	1.2	0	Up	0.947	-1.068	0.050	23.1	23.1	Off
143864	43000	230	313.9	-24	2.9	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.4	18.7	1.62	84.2	20	0.9	-0.8	2.8	1.2	0	Up	0.963	-1.082	0.048	23.1	23.1	Off
143865	43000	230	313.9	0	2.9	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.63	84.2	20	0.8	-0.8	2.6	0.9	0	Up	0.992	-1.074	0.048	23.1	23.1	Off
143866	43004	230	313.9	0	2.9	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.2	18.7	0.7	-0.5	2.9	0.6	0	Up	0.947	-1.070	0.046	23.1	23.1	Off
143867	43004	230	313.9	0	2.9	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.1	-0.4	3.0	0.9	0	Up	0.947	-1.066	0.046	23.1	23.0	Off
143868	43004	230	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	1.1	-0.4	3.4	1.1	0	Up	0.972	-1.068	0.046	23.1	23.0	Off
143869	43000	230	313.9	-72	2.9	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	0.9	-0.6	3.3	1.2	0	Up	0.972	-1.064	0.042	23.1	23.0	Off
143870	43000	230	313.9	-24	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	1.2	-0.9	2.6	1.3	0	Up	0.974	-1.076	0.046	23.1	23.0	Off
143871	43004	230	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	0.7	-0.7	2.7	0.9	0	Up	0.958	-1.056	0.042	23.1	23.0	Off
143872	43000	230	313.9	24	2.7	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.9	-0.6	2.8	0.9	0	Up	0.974	-1.082	0.048	23.1	23.0	Off
143873	43000	230	313.9	24	2.7	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.2	-0.6	3.1	0.9	0	Up	0.947	-1.066	0.046	23.1	22.9	Off
143874	43004	230	313.9	24	2.7	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	1.1	-0.4	3.2	0.8	0	Up	0.953	-1.072	0.046	23.1	22.9	Off
143875	43000	230	313.9	0	2.7	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.2	-0.9	3.2	0.9	0	Up	0.963	-1.082	0.040	23.1	22.9	Off
143876	43008	230	313.9	24	2.7	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.8	-0.9	2.7	1.1	0	Up	0.974	-1.082	0.044	23.1	22.9	Off
143877	43004	230	313.9	0	2.7	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	0.8	-0.7	2.7	1.0	0	Up	0.979	-1.082	0.040	23.1	22.9	Off
143878	43000	230	313.9	-24	2.7	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.8	-0.7	2.7	0.8	0	Up	0.979	-1.082	0.046	23.1	22.9	Off
143879	43004	230	313.9	24	2.7	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.7	-0.3	3.2	0.9	0	Up	0.956	-1.074	0.042	23.1	22.9	Off
143880	42996	230	313.9	-24	2.7	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	1.2	-0.8	3.2	1.2	0	Up	0.960	-1.082	0.048	23.1	22.9	Off
143881	43004	230	313.9	0	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	1.2	-0.9	2.5	1.3	0	Up	0.965	-1.074	0.048	23.1	22.9	Off
143882	42992	230	313.6	-48	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	0.7	-0.8	2.6	1.1	0	Up	1.006	-1.082	0.048	23.1	22.9	Off
143883	42996	230	313.6	-24	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.7	-0.6	2.7	0.8	0	Up	0.981	-1.070	0.048	23.1	22.9	Off
143884	42988	230	313.6	-96	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	0.9	-0.4	2.7	0.7	0	Up	0.976	-1.076	0.042	23.1	22.9	Off
143885	42992	230	313.6	-48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.9	-0.2	3.2	1.1	0	Up	0.976	-1.066	0.048	23.1	22.9	Off
143886	42992	230	313.6	-96	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.2	-1.0	2.7	1.3	0	Up	0.965	-1.080	0.046	23.1	22.9	Off
143887	42992	229	313.9	-72	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.4	-0.8	2.6	1.1	0	Up	0.960	-1.078	0.046	23.1	22.9	Off
143888	42996	229	313.9	-24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	0.4	-0.7	2.7	0.9	0	Up	0.979	-1.054	0.042	23.1	22.9	Off
143889	43004	230	313.9	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.6	-0.5	3.1	0.8	0	Up	0.958	-1.064	0.048	23.1	22.9	Off
143890	42996	230	313.9	0	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.3	3.1	1.1	0	Up	0.947	-1.082	0.048	23.1	22.9	Off
143891	43004	230	313.9	0	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.2	-0.8	3.2	1.3	0	Up	0.967	-1.078	0.042	23.1	22.9	Off
143892	42992	230	313.9	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	1.2	-1.1	2.7	1.2	0	Up	0.947	-1.082	0.046	23.1	22.9	Off
143893	42992	230	313.9	-24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	0.4	-0.7	2.6	1.1	0	Up	0.988	-1.082	0.044	23.1	22.8	Off
143894	42996	230	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	0.7	-0.6	2.8	0.8	0	Up	0.963	-1.082	0.042	23.1	22.8	Off
143895	42992	230	313.9	0	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.8	-0.4	3.2	0.8	0	Up	0.963	-1.082	0.046	23.1	22.8	Off
143896	42996	230	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	1.2	-0.3	3.1	1.1	0	Up	0.981	-1.074	0.044	23.1	22.8	Off
143897	43000	230	313.9	48	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.1	-1.0	3.3	1.2	0	Up	0.965	-1.082	0.046	23.1	22.8	Off
143898	43004	230	313.9	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.6	-0.8	2.7	1.1	0	Up	0.981	-1.082	0.042	23.1	22.8	Off
143899																																	

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
143912	42996	230	313.9	0	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	1.0	-0.2	3.3	1.0	0	Up	0.981	-1.082	0.046	23.3	22.8	Off
143913	42988	231	313.9	-72	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	1.0	-0.6	3.3	1.1	0	Up	0.974	-1.070	0.046	23.3	22.8	Off
143914	42992	230	313.6	-72	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.8	-0.7	2.6	1.4	0	Up	0.963	-1.068	0.048	23.3	22.8	Off
143915	43000	231	313.6	24	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.7	-0.8	2.7	1.3	0	Up	0.976	-1.074	0.050	23.3	22.8	Off
143916	42996	230	313.6	-24	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.7	-0.5	2.9	0.7	0	Up	0.951	-1.072	0.044	23.3	22.8	Off
143917	43000	230	313.6	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.9	-0.6	3.1	0.9	0	Up	0.951	-1.056	0.046	23.3	22.8	Off
143918	42996	230	313.6	24	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.9	-0.3	3.2	1.2	0	Up	0.967	-1.072	0.046	23.3	22.8	Off
143919	42996	230	313.6	48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.3	-0.8	3.3	0.9	0	Up	0.963	-1.082	0.048	23.3	22.8	Off
143920	43008	230	313.6	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	0.5	-0.8	2.6	1.2	0	Up	0.983	-1.082	0.046	23.3	22.8	Off
143921	43004	230	313.6	72	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.5	-0.8	2.7	0.9	0	Up	0.983	-1.082	0.048	23.3	22.8	Off
143922	43004	230	313.6	48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	0.7	-0.8	3.0	0.8	0	Up	0.972	-1.072	0.046	23.3	22.8	Off
143923	43008	230	313.6	120	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.8	-0.3	3.2	0.9	0	Up	0.958	-1.082	0.042	23.3	22.8	Off
143924	43000	230	313.6	48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.9	-0.2	3.1	1.2	0	Up	0.967	-1.082	0.042	23.3	22.8	Off
143925	43000	230	313.6	0	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.4	-1.1	2.8	1.2	0	Up	0.958	-1.082	0.046	23.3	22.8	Off
143926	42996	230	313.6	0	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	WARNING	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.7	-0.7	2.6	1.2	0	Up	0.972	-1.082	0.048	23.3	22.8	Off
143927	43004	230	313.6	24	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	0.7	-0.6	2.8	0.6	0	Up	0.967	-1.082	0.044	23.3	22.8	Off
143928	43008	230	313.6	72	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.8	-0.3	3.0	0.8	0	Up	0.947	-1.082	0.046	23.3	22.8	Off
143929	42996	230	313.6	0	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	1.2	0.0	3.2	0.9	0	Up	0.958	-1.082	0.048	23.3	22.8	Off
143930	43012	230	313.6	24	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.3	-1.1	3.2	1.2	0	Up	0.963	-1.082	0.042	23.3	22.8	Off
143931	42996	230	313.6	-48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.5	-0.8	2.6	1.2	0	Up	0.992	-1.082	0.046	23.3	22.8	Off
143932	43004	230	313.6	0	2.7	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.7	-0.7	2.5	0.9	0	Up	0.958	-1.082	0.046	23.3	22.8	Off
143933	42996	230	313.6	-72	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.6	2.7	0.7	0	Up	0.951	-1.082	0.046	23.3	22.8	Off
143934	42988	230	313.6	-72	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	1.2	-0.4	2.7	0.9	0	Up	0.958	-1.082	0.044	23.3	22.8	Off
143935	42992	230	313.6	-48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	1.4	0.0	3.2	1.1	0	Up	0.999	-1.082	0.046	23.3	22.8	Off
143936	42988	230	313.6	-48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	17.5	1.62	83.9	17.5	1.4	-0.8	3.0	1.2	0	Up	0.999	-1.082	0.046	23.3	22.8	Off
143937	42988	230	313.6	-96	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.61	83.9	18.7	0.8	-0.7	2.5	1.3	0	Up	0.967	-1.082	0.050	23.3	22.8	Off
143938	43000	230	313.6	-48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	0.7	-0.5	2.7	0.7	0	Up	0.999	-1.082	0.044	23.3	22.8	Off
143939	42996	229	313.6	0	3.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	0.9	-0.2	2.9	0.9	0	Up	0.999	-1.082	0.046	23.3	22.8	Off
143940	43004	230	313.6	-48	3.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	1.1	-0.1	3.1	1.1	0	Up	0.979	-1.082	0.044	23.3	22.8	Off
143941	42992	230	313.6	-24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	17.5	1.2	0.0	3.2	1.3	0	Up	0.983	-1.082	0.052	23.3	22.8	Off
143942	42996	229	313.6	-48	3.1	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	0.7	-0.7	2.7	1.3	0	Up	0.988	-1.082	0.046	23.3	22.8	Off
143943	43000	229	313.6	24	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	17.5	0.8	-0.4	2.6	0.8	0	Up	0.988	-1.082	0.044	23.3	22.8	Off
143944	42992	229	313.6	24	2.9	-1.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	1.1	-0.3	2.8	0.8	0	Up	0.992	-1.082	0.046	23.3	22.8	Off
143945	42996	230	313.6	24	2.7	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	1.1	0.0	2.8	0.9	0	Up	0.963	-1.082	0.042	23.3	22.8	Off
143946	43008	229	313.6	120	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	17.5	1.0	0.0	3.1	1.1	0	Up	0.963	-1.082	0.048	23.3	22.8	Off
143947	42996	229	313.6	48	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	17.5	1.62	84.1	18.7	1.3	-0.6	3.3	1.3	0	Up	0.988	-1.082	0.050	23.3	22.8	Off
143948	43008	229	313.9	48	2.7	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.8	-0.8	2.6	1.3	0	Up	0.983	-1.082	0.050	23.3	22.8	Off
143949	43000	230	313.9	24	2.7	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	84.1	18.7	0.8	-0.5	2.6	0.9	0	Up	0.958	-1.082	0.046	23.3	22.8	Off
143950	43004	230	313.9	0	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	84.1	17.5	0.9	-0.3	2.9	0.9	0	Up	0.958	-1.082	0.048	23.3	22.8	Off
143951	43008	229	313.9	96	3.1	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	1.1	0.0	2.8	1.0	0	Up	1.013	-1.082	0.048	23.3	22.8	Off
143952	43000	230	313.9	24	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	1.2	0.0	3.1	1.1	0	Up	0.979	-1.082	0.050	23.3	22.8	Off
143953	42992	229	313.6	-48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	17.5	0.9	-0.7	2.7	1.4	0	Up	0.963	-1.082	0.046	23.3	22.8	Off
143954	42996	230	313.6	24	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	0.9	-0.7	2.6	0.7	0	Up	0.979	-1.082	0.046	23.1	22.8	Off
143																																	

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
143968	43004	229	313.9	0	3.1	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	20	1.2	0.0	3.2	1.3	0	Up	1.008	-1.082	0.048	23.1	22.8	Off
143969	42996	229	313.9	24	3.1	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	84.1	18.7	0.7	-0.9	3.2	1.3	0	Up	0.983	-1.082	0.046	23.1	22.8	Off
143970	42988	229	313.9	-48	3.1	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	84.1	18.7	0.5	-0.7	2.5	1.1	0	Up	0.983	-1.082	0.054	23.1	22.8	Off
143971	42996	229	313.9	24	3.1	-0.7	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.7	2.7	1.0	0	Up	0.967	-1.082	0.048	23.1	22.8	Off
143972	43000	229	313.9	0	2.9	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	17.5	0.9	-0.3	2.9	0.8	0	Up	0.963	-1.082	0.050	23.1	22.8	Off
143973	42996	229	313.9	-24	2.9	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.1	0.0	2.8	0.9	0	Up	0.983	-1.082	0.050	23.1	22.8	Off
143974	43004	229	313.9	72	2.9	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	17.5	1.4	0.1	3.2	1.2	0	Up	0.960	-1.082	0.050	23.1	22.8	Off
143975	43004	229	313.9	24	3.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	0.8	-0.9	2.7	1.3	0	Up	0.960	-1.082	0.044	23.1	22.8	Off
143976	43008	229	313.9	72	2.9	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	0.6	-0.6	2.6	1.3	0	Up	0.995	-1.082	0.052	23.1	22.8	Off
143977	43012	229	313.9	72	2.9	-0.3	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	0.7	-0.4	2.7	0.8	0	Up	0.965	-1.082	0.046	23.1	22.8	Off
143978	43004	229	313.9	0	2.9	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	18.7	1.62	83.9	18.7	0.9	0.0	3.1	1.0	0	Up	0.986	-1.082	0.052	23.1	22.8	Off
143979	43004	229	313.9	48	2.9	-1.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	17.5	1.0	-0.1	3.2	1.1	0	Up	0.990	-1.082	0.050	23.1	22.8	Off
143980	42996	229	313.9	48	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	1.2	-0.7	3.3	1.2	0	Up	0.990	-1.082	0.046	23.1	22.8	Off
143981	43000	228	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	18.7	0.9	-0.7	2.6	1.3	0	Up	0.981	-1.082	0.050	23.1	22.8	Off
143982	43008	229	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.4	17.5	1.62	83.9	17.5	0.5	-0.4	2.7	0.9	0	Up	0.986	-1.082	0.046	23.1	22.8	Off
143983	43004	228	313.9	48	2.9	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.2	2.6	0.9	0	Up	0.990	-1.082	0.050	23.1	22.8	Off
143984	42992	229	313.9	-72	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	1.2	-0.1	3.0	1.2	0	Up	0.976	-1.082	0.050	23.1	22.8	Off
143985	42996	229	313.9	-48	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.2	0.0	3.2	1.3	0	Up	0.981	-1.082	0.050	23.1	22.8	Off
143986	43008	229	313.9	0	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	17.5	1.62	83.9	20	1.3	-0.8	2.7	1.3	0	Up	0.981	-1.082	0.052	23.1	22.8	Off
143987	43008	228	313.9	-24	2.9	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.6	2.6	1.3	0	Up	0.981	-1.082	0.052	23.1	22.8	Off
143988	43004	228	313.9	0	2.9	-0.3	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.0	-0.6	2.6	0.8	0	Up	0.970	-1.082	0.048	23.1	22.8	Off
143989	43008	228	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.9	-0.2	2.9	0.9	0	Up	0.976	-1.082	0.046	23.1	22.8	Off
143990	43000	228	313.9	24	2.9	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	1.2	-0.2	3.3	1.3	0	Up	0.965	-1.082	0.052	23.3	22.8	Off
143991	43004	228	313.9	24	2.9	0.0	Engaged	Engaged	0	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	20	1.2	-0.6	3.0	1.3	0	Up	0.976	-1.082	0.052	23.3	22.8	Off
143992	43000	228	314.3	-48	2.9	0.4	Engaged	Engaged	0	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	84.1	18.7	0.9	-0.8	2.6	1.3	0	Up	0.967	-1.082	0.054	23.3	22.8	Off
143993	43004	228	314.3	0	2.9	0.4	Engaged	Engaged	0	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.7	-0.6	2.7	0.9	0	Up	0.983	-1.082	0.050	23.3	22.8	Off
143994	43004	228	314.3	72	2.9	-0.3	Engaged	Engaged	0	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	18.7	0.9	-0.4	2.8	0.8	0	Up	0.979	-1.082	0.050	23.3	22.8	Off
143995	43004	228	314.3	48	2.9	-0.7	Engaged	Engaged	0	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	18.7	1.62	84.1	18.7	0.8	-0.3	3.1	1.0	0	Up	0.992	-1.082	0.048	23.3	22.8	Off
	Start of Descent																																
143996	42992	228	314.3	-96	2.9	-1.0	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	18.7	1.62	84.1	20	1.0	-0.2	3.2	1.2	0	Up	0.979	-1.082	0.050	23.3	22.8	Off
143997	42984	228	313.9	-144	2.7	-0.7	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	1.2	-0.9	2.7	1.3	0	Up	0.917	-1.082	0.048	23.3	22.8	Off
143998	42980	228	313.9	-144	2.5	-0.7	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.6	18.7	1.62	83.9	20	0.7	-0.7	2.7	0.9	0	Up	0.917	-1.082	0.044	23.3	22.8	Off
143999	42972	228	313.9	-216	2.2	-0.3	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	18.7	1.62	84.1	20	0.7	-0.8	2.8	0.7	0	Up	0.880	-1.082	0.046	23.3	22.9	Off
144000	42964	228	313.9	-216	2.0	-0.3	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	18.7	1.62	84.1	20	0.7	-0.7	3.1	0.7	0	Up	0.896	-1.082	0.046	23.3	22.9	Off
144001	42948	228	313.9	-336	1.8	-0.3	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	18.7	1.62	84.1	20	0.7	-0.3	3.2	1.1	0	Up	0.855	-1.078	0.040	23.3	22.9	Off
144002	42940	228	313.9	-360	1.5	0.0	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.8	17.5	1.62	84.1	18.7	1.0	-0.9	3.3	1.3	0	Up	0.862	-1.082	0.042	23.3	22.9	Off
144003	42904	229	313.9	-600	1.1	0.4	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.62	83.1	17.5	1.62	83.9	18.7	0.7	-1.0	2.8	1.3	0	Up	0.871	-1.082	0.040	23.3	22.9	Off
144004	42880	229	313.9	-744	1.0	0.0	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.61	83.1	17.5	1.62	83.9	17.5	0.5	-0.7	2.7	0.7	0	Up	0.896	-1.082	0.040	22.9	22.9	Off
144005	42868	229	313.9	-816	0.8	-0.3	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.60	82.6	17.5	1.62	83.9	17.5	0.4	-0.6	2.9	0.7	0	Up	0.867	-1.082	0.044	22.9	22.9	Off
144006	42844	229	313.9	-888	0.4	-0.3	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.59	82.6	16.2	1.61	83.9	17.5	0.9	-0.4	3.1	0.9	0	Up	0.892	-1.076	0.038	22.4	22.9	Off
144007	42816	230	313.9	-1008	0.3	-1.0	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.57	81.7	16.2	1.60	83	16.2	1.2	-0.7	3.1	0.9	0	Up	0.901	-1.066	0.036	22.4	22.4	Off
144008	42760	230	313.9	-1320	0.1	-1.0	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.55	81.7	15	1.57	83	15	1.2	-0.9	2.7	0.9	0	Up	0.892	-1.058	0.036	21.8	22.4	Off
144009	42732	231	313.9	-1440	0.0	-0.7	Engaged	Engaged	-2496	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.54	81.2	15	1.55	81.4	15	0.7	-0.7	2.6	0.6	0	Up	0.894	-1.080	0.032	21.8	21.4	Off
144010	42676	231	313.9	-1728	-0.2	0.0	Engaged	Engaged	-2496</																								

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144023	42068	237	314.6	-2952	-0.6	1.1	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	78.5	13.7	1.38	78.5	12.5	1.2	0.1	3.1	1.1	0	Up	0.935	-1.082	0.017	18.3	18.1	Off
144024	42024	237	314.6	-2856	-0.4	1.8	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	78.5	13.7	1.38	78.5	11.2	1.3	-0.6	3.0	1.2	0	Up	0.990	-1.082	0.009	18.3	18.1	Off
144025	41984	237	315	-2880	-0.6	1.4	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	78.5	13.7	1.37	78.3	11.2	0.9	-0.7	2.6	1.3	0	Up	0.981	-1.070	0.013	18.3	18.0	Off
144026	41924	237	315	-2904	-0.6	0.7	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	78.5	13.7	1.37	78.3	11.2	1.0	-0.4	2.6	0.4	0	Up	0.949	-1.036	0.015	18.1	18.0	Off
144027	41892	237	315	-2856	-0.6	0.4	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	78.3	13.7	1.37	78	11.2	1.2	-0.3	2.9	0.5	0	Up	0.949	-1.046	0.015	18.1	17.9	Off
144028	41836	236	315	-2832	-0.6	1.8	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	78.3	13.7	1.36	78	11.2	1.3	-0.2	3.2	0.9	0	Up	0.915	-1.034	0.015	18.1	17.9	Off
144029	41788	237	315.3	-2904	-0.6	3.9	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	78	13.7	1.36	77.8	11.2	1.5	0.0	3.3	1.4	0	Up	1.002	-1.021	0.015	18.1	17.8	Off
144030	41728	237	315.7	-2904	-0.6	6.3	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	78	13.7	1.35	77.8	11.2	1.5	-0.7	2.8	1.4	0	Up	0.956	-1.048	0.009	18.0	17.8	Off
144031	41708	239	316.1	-2760	-0.6	8.8	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	77.8	13.7	1.34	77.5	11.2	1.1	-0.5	2.7	0.8	0	Up	0.956	-1.040	0.007	18.0	17.7	Off
144032	41664	239	316.8	-2664	-0.6	9.8	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	77.8	13.7	1.34	77.5	11.2	1.3	-0.3	2.7	1.3	0	Up	0.919	-1.034	0.015	18.0	17.7	Off
144033	41608	239	317.5	-2760	-0.6	13.7	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.35	77.7	13.7	1.34	77.5	11.2	1.1	-0.1	3.1	1.0	0	Up	0.960	-1.046	0.015	18.0	17.5	Off
144034	41560	240	318.2	-2784	-0.6	15.8	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	77.7	13.7	1.34	77.5	11.2	1.2	0.0	3.0	0.8	0	Up	1.015	-1.036	0.009	17.9	17.5	Off
144035	41496	241	319.2	-2928	-0.7	16.9	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	77.5	12.5	1.33	77.4	11.2	1.5	-0.6	3.0	1.3	0	Up	0.986	-1.050	0.009	17.9	17.4	Off
144036	41456	243	319.9	-2808	-0.4	19.3	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	77.5	12.5	1.32	77.4	11.2	1.1	-0.8	2.6	1.2	0	Up	1.089	-1.058	0.009	17.9	17.4	Off
144037	41404	242	321	-2928	-0.6	19.3	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	77.5	13.7	1.32	77.2	11.2	1.0	-0.4	2.6	0.6	0	Up	1.022	-1.038	0.009	17.9	17.4	Off
144038	41368	243	322	-2808	-0.4	19.7	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	77.5	13.7	1.32	77.2	11.2	1.1	-0.6	2.8	0.6	0	Up	1.057	-1.054	0.007	17.9	17.4	Off
144039	41320	242	323.1	-2808	-0.4	21.1	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	77.5	13.7	1.32	77	11.2	1.1	-0.2	3.0	0.9	0	Up	1.047	-1.056	0.009	17.9	17.4	Off
144040	41264	243	324.1	-2784	-0.2	20.7	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	77.5	13.7	1.32	77	11.2	1.2	-0.4	3.3	1.0	0	Up	1.082	-1.078	0.009	17.9	17.4	Off
144041	41224	243	325.2	-2904	-0.4	20.4	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.32	77	11.2	1.4	-0.8	2.7	1.3	0	Up	1.011	-1.064	0.007	17.9	17.4	Off
144042	41184	244	325.9	-2880	-0.2	19.3	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	13.7	1.32	77	11.2	0.7	-0.9	2.7	1.0	0	Up	1.043	-1.060	0.005	17.8	17.4	Off
144043	41132	244	326.6	-2856	-0.4	19.3	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	13.7	1.32	77	11.2	0.7	-0.7	2.8	0.5	0	Up	0.997	-1.074	-0.002	17.8	17.4	Off
144044	41080	245	327.7	-2880	-0.4	20.0	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	0.7	-0.4	2.9	0.9	0	Up	1.002	-1.078	-0.002	17.9	17.4	Off
144045	41032	247	328.4	-2784	-0.4	20.0	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	76.9	11.2	0.9	-0.2	3.2	1.1	0	Up	0.981	-1.082	-0.002	17.9	17.5	Off
144046	40988	248	329.4	-2808	-0.6	20.0	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	76.9	11.2	1.3	-0.8	3.2	1.2	0	Up	0.981	-1.064	-0.002	17.9	17.5	Off
144047	49124	250	330.5	46320	-0.7	20.4	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	76.9	11.2	1.0	-0.7	2.7	1.4	0	Up	1.022	-1.082	-0.009	17.9	17.8	Off
144048	40888	250	331.2	-2880	-0.7	19.0	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	76.9	11.2	1.2	-0.8	2.6	1.1	0	Up	0.986	-1.068	-0.004	18.0	17.8	Off
144049	40844	251	331.5	-2856	-0.6	17.6	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	1.4	-0.5	2.7	1.1	0	Up	1.022	-1.050	-0.004	18.0	17.9	Off
144050	40792	251	332.2	-2832	-0.6	15.1	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	1.6	-0.3	2.9	1.3	0	Up	1.027	-1.068	-0.004	18.1	17.9	Off
144051	40756	252	332.9	-2808	-0.4	13.0	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	1.6	0.0	3.1	1.3	0	Up	1.036	-1.082	-0.004	18.1	18.0	Off
144052	40712	252	333.3	-2832	-0.4	10.5	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	2.0	-0.9	2.6	1.3	0	Up	1.027	-1.076	-0.004	18.3	18.0	Off
144053	40664	252	333.3	-2808	-0.2	8.4	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	1.1	-0.6	2.2	1.1	0	Up	1.022	-1.082	-0.007	18.3	18.1	Off
144054	40620	252	333.6	-2760	-0.2	5.6	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.4	12.5	1.31	77	11.2	1.1	-0.4	2.6	1.1	0	Up	1.011	-1.060	-0.011	18.3	18.1	Off
144055	40580	252	333.6	-2712	-0.4	4.2	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.31	76.9	12.5	1.30	76.7	10	1.2	-0.2	2.8	1.0	0	Up	0.965	-1.074	-0.013	18.3	18.1	Off
144056	40540	253	334	-2688	-0.4	3.5	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	76.9	12.5	1.30	76.7	10	1.1	0.0	3.3	0.9	0	Up	0.935	-1.082	-0.013	18.0	18.1	Off
144057	40492	253	334	-51792	-0.6	3.2	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	76.4	12.5	1.29	76.4	10	1.4	-0.7	2.8	1.3	0	Up	0.924	-1.064	-0.015	18.0	17.9	Off
144058	40448	253	334	-2640	-0.7	3.5	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	76.4	12.5	1.29	76.4	10	1.6	-0.8	2.6	1.3	0	Up	0.944	-1.078	-0.017	17.4	17.9	Off
144059	40400	254	334	-2664	-0.7	3.5	Engaged	Engaged	-2796	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.27	76.2	11.2	1.28	76.2	10	0.9	-0.6	2.6	0.8	0	Up	0.949	-1.082	-0.015	17.4	17.7	Off
144060	40360	254	334.3	-2592	-0.7	3.5	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.27	76.2	11.2	1.27	76.2	10	1.0	-0.2	2.9	1.0	0	Up	0.986	-1.082	-0.015	16.9	17.7	Off
144061	40324	254	334.3	-2592	-0.6	2.8	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	75.6	11.2	1.26	75.8	8.9	1.4	-0.2	3.0	1.4	0	Up	1.004	-1.082	-0.019	16.9	17.2	Off
144062	40280	254	334.3	-2592	-0.4	2.1	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	75.6	11.2	1.25	75.8	8.9	1.4	0.0	3.1	1.3	0	Up	1.043	-1.080	-0.019	16.5	17.2	Off
144063	40240	255	334.3	-2544	0.0	1.4	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.23	74.8	11.2	1.24	75.1	8.9	1.4	-0.8	3.2	1.1	0	Up	1.075	-1.082	-0.017	16.5	16.7	Off
144064	40204	255	334.3	-2496	0.1	0.7	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.22	74.8	10	1.23	75.1	8.9	0.9	-0.6	2.3	1.3	0	Up	1.100	-1.082	-0.017	15.8	16.7	Off
144065	40176	255	334.3	-2424	0.4	1.1	Engaged	Engaged	-2895	VS Cap	Not Cap	Off	Off	Above 9.8	Not																		

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144079	39764	255	334.7	-1776	0.4	2.1	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.5	8.9	1.22	74.8	8.9	1.3	-0.8	3.0	1.1	0	Up	0.983	-1.082	-0.019	18.9	18.9	Off
144080	39736	254	334.7	-1776	0.4	1.8	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.5	8.9	1.22	74.8	8.9	1.1	-0.9	2.7	1.3	0	Up	0.992	-1.082	-0.021	18.9	18.9	Off
144081	39712	254	335	-1752	0.4	1.4	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.7	8.9	1.22	74.8	8.9	0.9	-0.7	2.6	0.6	0	Up	0.972	-1.082	-0.019	18.9	18.9	Off
144082	39676	253	335	-1872	0.4	1.4	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.7	8.9	1.22	74.8	8.9	0.9	-0.7	2.6	0.8	0	Up	0.937	-1.082	-0.019	18.9	18.9	Off
144083	39632	253	335	-1992	0.3	1.1	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.7	8.9	1.22	74.6	8.9	0.9	-0.2	2.8	1.0	0	Up	0.901	-1.082	-0.019	18.9	18.9	Off
144084	39612	252	335	-1896	0.0	0.4	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.7	8.9	1.22	74.6	8.9	0.9	0.0	3.0	1.1	0	Up	0.885	-1.082	-0.027	18.9	18.9	Off
144085	39568	252	335	-1920	-0.4	-0.7	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.7	8.9	1.22	74.6	8.9	1.1	-0.6	3.0	1.2	0	Up	0.855	-1.082	-0.027	18.9	18.9	Off
144086	39528	252	335	-2040	-0.7	-1.0	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.7	8.9	1.22	74.6	8.9	0.8	-0.8	2.7	1.2	0	Up	0.830	-1.082	-0.025	18.9	18.9	Off
144087	39480	252	335	-2088	-1.1	-1.4	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	73.7	8.9	1.22	74.8	8.9	0.8	-0.6	2.7	1.1	0	Up	0.823	-1.082	-0.027	18.9	19.0	Off
144088	39432	252	335	-2160	-1.4	-0.7	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.7	8.9	1.22	74.8	8.9	1.0	2.3	4.9	1.3	0	Up	0.853	-1.082	-0.027	18.9	19.0	Off
144089	39384	252	334.7	-2280	-1.6	-0.7	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.5	8.9	1.22	74.6	8.9	3.9	6.7	8.5	3.5	0	Up	0.782	-1.082	-0.029	18.9	19.0	Off
144090	39312	253	334.7	-2544	-1.8	-0.7	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.5	8.9	1.22	74.6	8.9	7.1	10.7	11.6	6.4	0	Up	0.761	-1.082	-0.023	18.9	19.0	Off
144091	39260	253	334.3	-2712	-2.1	0.4	Engaged	Engaged	-1897	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.22	74.5	8.9	7.1	10.4	11.7	6.9	0	Up	0.796	-1.082	-0.025	18.9	19.0	Off
144092	39176	253	334.3	-3000	-2.3	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.22	74.5	8.9	7.2	10.4	11.5	7.2	0	Up	0.869	-1.082	-0.021	18.9	19.0	Off
144093	39108	254	334.3	-3144	-2.3	1.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.22	74.5	8.9	7.1	10.4	11.6	7.1	0	Up	0.940	-1.082	-0.015	18.9	19.0	Off
144094	39036	254	334.7	-3456	-2.0	3.2	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.21	74.5	8.9	7.5	10.6	11.6	6.8	0	Up	1.036	-1.082	-0.009	18.9	19.0	Off
144095	38960	255	334.7	-3648	-1.8	3.5	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.2	8.9	1.21	74.3	8.9	8.1	10.5	11.9	6.5	0	Up	1.073	-1.082	-0.009	18.9	19.0	Off
144096	38892	255	335	-3816	-1.6	2.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.2	8.9	1.21	74.3	8.9	8.2	10.6	11.8	6.7	0	Up	1.089	-1.082	-0.007	18.9	19.0	Off
144097	38820	256	335	-3960	-1.4	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.21	74.3	8.9	7.6	10.2	11.5	6.7	0	Up	1.061	-1.082	-0.013	18.9	19.0	Off
144098	38748	256	335	-4104	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.4	8.9	1.21	74.3	8.9	7.6	10.4	11.5	7.0	0	Up	0.995	-1.082	-0.011	19.0	19.0	Off
144099	38676	256	335	-4248	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.4	8.9	1.21	74.3	8.9	7.7	10.7	11.7	6.5	0	Up	0.976	-1.082	-0.013	19.0	19.0	Off
144100	38616	256	334.7	-4176	-1.6	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.4	8.9	1.21	74.3	8.9	8.1	10.8	11.9	6.8	0	Up	0.960	-1.082	-0.019	19.0	19.0	Off
144101	38544	256	335	-4296	-1.6	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	8.1	10.8	11.9	7.0	0	Up	0.976	-1.082	-0.013	19.0	19.0	Off
144102	38488	256	335	-4128	-1.6	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	7.6	10.4	11.9	7.2	0	Up	0.940	-1.082	-0.015	19.0	19.0	Off
144103	38412	256	335	-4176	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	7.7	10.4	11.5	6.8	0	Up	0.981	-1.082	-0.019	19.0	19.0	Off
144104	38352	256	335	-4104	-1.6	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	7.9	10.6	11.5	6.5	0	Up	0.988	-1.082	-0.021	19.0	19.0	Off
144105	38284	257	335	-4055	-1.6	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	8.1	10.8	11.9	6.6	0	Up	0.953	-1.082	-0.015	19.0	19.0	Off
144106	38220	258	335	-4032	-1.6	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.2	8.9	1.21	74.5	8.9	8.1	10.8	12.0	6.9	0	Up	0.974	-1.082	-0.015	19.0	19.0	Off
144107	38148	259	335	-4032	-1.6	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	72.9	8.9	1.21	74.5	8.9	8.1	10.4	12.0	7.1	0	Up	0.983	-1.082	-0.019	19.0	19.0	Off
144108	38084	260	335	-3984	-1.6	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	72.9	8.9	1.21	74.5	8.9	7.8	10.2	11.5	7.2	0	Up	0.988	-1.082	-0.015	19.0	19.0	Off
144109	38020	260	335.4	-3935	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73	8.9	1.21	74.3	8.9	7.9	10.5	11.6	6.6	0	Up	0.963	-1.082	-0.015	19.0	19.0	Off
144110	37944	260	335	-4032	-1.4	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73	8.9	1.21	74.3	8.9	8.1	10.7	11.7	6.6	0	Up	0.983	-1.082	-0.017	19.0	19.0	Off
144111	37888	261	335	-3935	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73	8.9	1.21	74.5	8.9	8.3	11.0	12.6	6.8	0	Up	1.004	-1.082	-0.021	19.0	18.9	Off
144112	37832	262	335	-3935	-1.4	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73	8.9	1.21	74.5	8.9	11.9	15.5	16.5	10.4	0	Up	0.933	-1.076	-0.025	19.0	18.9	Off
144113	37760	263	335	-3912	-1.4	-1.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	73	8.9	1.21	74.5	8.9	14.1	17.7	18.2	12.8	0	Up	0.908	-1.082	-0.035	19.0	18.9	Off
144114	37692	264	334.7	-3960	-1.6	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	73	8.9	1.20	74.5	8.9	15.6	19.3	19.4	14.2	0	Up	0.869	-1.082	-0.039	19.0	18.9	Off
144115	37624	264	334.7	-3960	-1.6	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.7	8.9	1.20	74.5	8.9	16.9	20.2	20.2	15.2	0	Up	0.903	-1.070	-0.041	19.0	18.9	Off
144116	37536	265	334.7	-4104	-1.6	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.7	8.9	1.21	74.5	8.9	16.8	20.2	20.3	15.8	0	Up	0.981	-1.082	-0.029	19.0	18.9	Off
144117	37472	263	335	-4055	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.7	8.9	1.20	74.3	8.9	16.6	20.2	20.4	16.3	0	Up	0.995	-1.072	-0.023	19.0	18.9	Off
144118	37408	265	335.4	-4055	-1.1	1.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.7	8.9	1.21	74.3	8.9	17.3	20.2	20.4	15.3	0	Up	1.036	-1.082	-0.027	19.0	18.9	Off
144119	37324	264	335.7	-4176	-0.9	1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.9	8.9	1.21	74.3	8.9	17.3	20.2	20.3	15.1	0	Up	1.077	-1.082	-0.023	19.0	18.9	Off
144120	37260	265	335.7	-4104	-0.7	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.9	8.9	1.21	74.3	8.9	17.6	20.1	20.3	14.7	0	Up	1.107	-1.078	-0.027	19.0	18.9	Off
144121	37184	265	335.7	-4224	-0.7	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.15	72.7																

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144135	36248	265	335.4	-4104	-0.7	-3.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.16	73.7	10	1.20	74.6	8.9	23.6	25.7	25.6	21.3	0	Up	0.947	-1.076	-0.035	19.2	18.9	Off
144136	36196	265	335.4	-3935	-0.7	-2.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.17	73.7	10	1.20	74.6	10	23.6	25.7	25.6	21.5	0	Up	0.972	-1.082	-0.035	19.3	18.9	Off
144137	36132	265	335.4	-3816	-0.7	-1.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	74	10	1.20	74.6	8.9	23.6	25.8	25.5	21.3	0	Up	0.999	-1.082	-0.031	19.3	18.9	Off
144138	36068	265	335.4	-3912	-0.6	-1.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.18	74	11.2	1.20	74.6	10	23.8	25.8	25.6	21.0	0	Up	1.004	-1.076	-0.033	19.3	18.9	Off
144139	36004	265	335.4	-3744	-0.6	-2.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.19	74.5	11.2	1.21	74.8	10	24.1	25.9	25.6	21.4	0	Up	1.011	-1.076	-0.031	19.3	19.0	Off
144140	35940	265	335.7	-3768	-0.6	-2.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.20	74.5	11.2	1.21	74.8	11.2	24.0	25.9	25.6	21.0	0	Up	0.986	-1.082	-0.031	19.3	19.0	Off
144141	35864	265	335.7	-3888	-0.6	-2.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.20	74.6	11.2	1.22	75.1	11.2	23.8	25.9	25.6	20.8	0	Up	0.944	-1.082	-0.033	19.3	19.1	Off
144142	35800	265	335.4	-3816	-0.7	-2.8	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.21	74.6	11.2	1.22	75.1	10	24.3	25.8	25.6	20.4	0	Up	0.949	-1.072	-0.033	19.3	19.1	Off
144143	35744	265	335	-3720	-0.7	-4.2	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.21	75	11.2	1.23	75.6	12.5	24.2	25.9	25.6	21.0	0	Up	0.944	-1.082	-0.031	19.3	19.1	Off
144144	35676	265	334.7	-3864	-0.7	-4.2	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.23	75	12.5	1.24	75.6	11.2	23.8	25.9	25.6	21.5	0	Up	0.960	-1.082	-0.027	19.6	19.1	Off
144145	35620	266	334.7	-3768	-0.7	-3.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	76.9	12.5	1.25	76.6	12.5	23.6	25.9	25.6	21.5	0	Up	1.015	-1.082	-0.021	19.6	19.9	Off
144146	35552	267	334.7	-3864	-0.6	-1.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	76.9	13.7	1.28	76.6	12.5	23.7	25.7	25.6	21.3	0	Up	1.006	-1.082	-0.021	21.1	19.9	Off
144147	35492	267	334.7	-3840	-0.6	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	77.8	12.5	1.30	77.7	12.5	23.8	25.9	25.5	21.2	0	Up	1.020	-1.076	-0.013	21.1	21.4	Off
144148	35416	268	334.7	-3912	-0.6	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.8	12.5	1.32	77.7	13.7	24.1	25.9	25.5	20.9	0	Up	0.981	-1.082	-0.015	22.6	21.4	Off
144149	35356	268	335	-3888	-0.7	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.2	12.5	1.33	78.5	13.7	24.3	25.8	25.6	20.7	0	Up	0.974	-1.078	-0.021	22.6	22.6	Off
144150	35284	269	334.7	-3935	-0.7	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.2	12.5	1.35	78.5	13.7	23.8	26.0	25.7	20.7	0	Up	0.935	-1.082	-0.015	22.9	22.6	Off
144151	35228	269	334.7	-3816	-0.9	-2.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.2	12.5	1.36	79	13.7	24.0	25.9	25.5	21.3	0	Up	0.935	-1.066	-0.017	22.9	23.5	Off
144152	35160	270	334.7	-3840	-0.9	-2.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.2	12.5	1.36	79	13.7	24.2	25.9	25.5	21.3	0	Up	0.935	-1.080	-0.015	23.0	23.5	Off
144153	35108	270	334.7	-3816	-0.7	-1.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78	12.5	1.37	79.3	13.7	24.0	25.8	25.5	21.1	0	Up	0.960	-1.076	-0.015	23.0	23.9	Off
144154	35040	271	334.7	-3816	-0.7	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	78	12.5	1.37	79.3	13.7	24.1	25.8	25.6	21.3	0	Up	1.002	-1.082	-0.015	23.0	23.9	Off
144155	34968	271	334.7	-3912	-0.7	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.8	12.5	1.37	79.4	13.7	23.9	25.7	25.6	21.4	0	Up	1.011	-1.076	-0.021	23.0	24.2	Off
144156	34904	272	334.7	-3888	-0.7	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	77.8	12.5	1.37	79.4	13.7	23.9	25.8	25.6	21.3	0	Up	0.992	-1.082	-0.021	22.8	24.2	Off
144157	34852	272	334.7	-3840	-0.7	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.31	77.8	12.5	1.37	79.3	13.7	24.1	25.8	25.5	21.3	0	Up	0.983	-1.082	-0.021	22.8	24.3	Off
144158	34784	272	334.7	-3792	-0.7	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.31	77.8	12.5	1.37	79.3	13.7	24.0	25.7	25.5	20.9	0	Up	0.967	-1.082	-0.017	22.8	24.3	Off
144159	34724	272	334.3	-3792	-0.9	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.31	78.3	13.7	1.37	79.4	13.7	24.0	25.6	25.6	21.0	0	Up	0.937	-1.072	-0.021	22.8	24.5	Off
144160	34660	273	334.3	-3744	-0.9	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	78.3	13.7	1.37	79.4	13.7	23.9	25.6	25.6	21.2	0	Up	0.992	-1.082	-0.015	23.4	24.5	Off
144161	34584	273	334.3	-3864	-0.9	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	79	13.7	1.36	79.4	13.7	24.1	25.7	25.6	21.5	0	Up	0.972	-1.066	-0.013	23.4	24.5	Off
144162	34528	273	334.7	-3792	-0.9	1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	79	13.7	1.36	79.4	13.7	23.8	25.7	25.6	21.0	0	Up	0.979	-1.074	-0.013	24.1	24.5	Off
144163	34452	274	334.7	-3935	-0.9	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	78.8	13.7	1.35	79.1	13.7	24.4	25.7	25.6	21.0	0	Up	0.979	-1.066	-0.013	24.1	24.3	Off
144164	34400	274	334.7	-3840	-0.7	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	78.8	13.7	1.35	79.1	13.7	24.0	25.6	25.5	21.0	0	Up	0.979	-1.082	-0.015	24.1	24.3	Off
144165	34340	274	334.7	-3768	-0.7	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.3	13.7	1.34	79.1	13.7	23.8	25.6	25.4	21.0	0	Up	0.992	-1.082	-0.019	24.1	24.2	Off
144166	34276	275	334.7	-3768	-0.9	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	78.3	13.7	1.34	79.1	13.7	24.0	25.6	25.6	21.0	0	Up	0.992	-1.082	-0.019	24.0	24.2	Off
144167	34204	275	334.7	-3888	-0.9	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	78.3	13.7	1.34	79.1	13.7	24.1	25.6	25.6	21.2	0	Up	0.979	-1.082	-0.023	24.0	24.2	Off
144168	34144	276	334.3	-3840	-0.9	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.32	78.3	13.7	1.34	79.1	13.7	24.0	25.7	25.6	21.1	0	Up	0.979	-1.074	-0.023	23.9	24.2	Off
144169	34084	276	334.3	-3840	-0.9	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.33	79.1	13.7	1.35	79.4	13.7	24.0	25.6	25.4	21.3	0	Up	0.958	-1.070	-0.019	23.9	24.3	Off
144170	34012	277	334.7	-3888	-0.9	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	79.1	13.7	1.35	79.4	13.7	24.0	25.6	25.6	21.1	0	Up	0.967	-1.064	-0.017	24.8	24.3	Off
144171	33948	277	334.7	-3816	-0.9	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	79.6	13.7	1.35	79.6	13.7	23.9	25.7	25.6	21.0	0	Up	0.979	-1.070	-0.013	24.8	24.7	Off
144172	33900	277	334.7	-3768	-0.9	1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	79.6	13.7	1.35	79.6	15	24.1	25.8	25.6	21.0	0	Up	0.999	-1.066	-0.013	25.4	24.7	Off
144173	33828	277	334.7	-3744	-0.9	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	79.4	13.7	1.36	79.6	13.7	24.5	25.7	25.4	20.8	0	Up	0.992	-1.074	-0.019	25.4	24.9	Off
144174	33768	278	334.7	-3792	-0.9	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.35	79.4	13.7	1.36	79.6	13.7	24.1	25.7	25.5	21.1	0	Up	0.960	-1.060	-0.019	25.4	24.9	Off
144175	33692	278	334.7	-3888	-1.1	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.35	79.1	13.7	1.36	79.8	13.7	23.6	25.8	25.4	21.3	0	Up	0.940	-1.082	-0.019	25.4	25.2	Off
144176	33624	278	334.7	-3912	-1.1	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.34	79.1	13.7	1.36	79.8	13.7	24.1	25.7	25.5	21.3	0	Up	0.940	-1.				

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144191	40868	279	335	45360	-1.1	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.37	81	15	1.38	80.6	15	24.3	25.9	25.4	21.1	0	Up	0.970	-1.070	-0.015	26.1	26.7	Off
144192	32612	279	335	-3816	-1.1	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.39	81	15	1.38	80.6	15	24.6	25.8	25.4	20.6	0	Up	0.956	-1.082	-0.009	27.9	26.7	Off
144193	32544	279	335	-3864	-0.9	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	81	15	1.39	80.7	13.7	24.6	25.8	25.6	20.7	0	Up	1.002	-1.072	-0.007	27.9	27.1	Off
144194	32476	279	335	-3840	-1.1	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	81	15	1.39	80.7	15	24.4	25.8	25.6	21.4	0	Up	0.986	-1.082	-0.013	28.3	27.1	Off
144195	32416	280	334.7	-3888	-1.1	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	81	15	1.39	81	15	24.1	25.8	25.5	21.3	0	Up	0.965	-1.082	-0.013	28.3	27.4	Off
144196	32356	280	334.7	-3792	-1.1	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	81	15	1.39	81	15	24.1	25.8	25.4	21.3	0	Up	0.949	-1.068	-0.007	28.5	27.4	Off
144197	32292	280	334.7	-3792	-1.1	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	80.9	15	1.40	81.2	15	24.4	25.8	25.4	21.0	0	Up	0.986	-1.076	-0.007	28.5	27.9	Off
144198	32228	281	334.7	-3864	-1.1	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	80.9	15	1.41	81.2	15	24.5	25.7	25.5	20.8	0	Up	0.995	-1.072	-0.002	28.6	27.9	Off
144199	32156	281	334.7	-3935	-1.1	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	81.5	16.2	1.41	81.5	15	24.7	25.7	25.6	20.9	0	Up	0.981	-1.076	-0.004	28.6	28.5	Off
144200	32096	281	334.7	-53016	-1.1	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.42	81.5	16.2	1.42	81.5	15	24.3	25.8	25.6	21.3	0	Up	0.986	-1.068	-0.004	29.2	28.5	Off
144201	32028	281	334.7	-53040	-1.1	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.42	81.7	16.2	1.43	81.7	16.2	24.5	25.8	25.4	21.3	0	Up	0.949	-1.076	-0.004	29.2	29.1	Off
144202	31972	282	334.7	-3840	-1.3	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	81.7	16.2	1.43	81.7	16.2	24.4	25.7	25.4	21.1	0	Up	0.919	-1.078	-0.004	29.7	29.1	Off
144203	31896	282	334.7	-3888	-1.3	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	82	16.2	1.44	82.2	16.2	24.3	25.8	25.4	20.8	0	Up	0.960	-1.072	-0.007	29.7	29.8	Off
144204	31844	282	334.7	-3792	-1.3	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	82	16.2	1.45	82.2	16.2	24.4	25.6	25.6	21.0	0	Up	0.981	-1.062	0.000	30.5	29.8	Off
144205	31768	283	334.7	-3888	-1.1	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.45	82.5	17.5	1.45	82.6	16.2	24.3	25.6	25.5	21.1	0	Up	1.027	-1.072	0.001	30.5	30.3	Off
144206	31708	284	334.7	-3888	-1.1	0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.45	82.5	17.5	1.46	82.6	16.2	24.4	25.7	25.5	21.4	0	Up	0.995	-1.076	0.005	31.3	30.3	Off
144207	31652	284	334.7	-3840	-1.1	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.46	82.8	17.5	1.46	83	17.5	24.3	25.6	25.4	21.0	0	Up	0.986	-1.082	0.001	31.3	30.9	Off
144208	31584	285	335	-3864	-1.1	1.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.47	82.8	17.5	1.47	83	17.5	24.6	25.6	25.4	20.8	0	Up	0.983	-1.082	0.003	32.0	30.9	Off
144209	31500	285	335	-3935	-1.1	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	83	17.5	1.48	83.4	17.5	24.1	25.6	25.5	20.7	0	Up	0.979	-1.082	0.005	32.0	31.6	Off
144210	31448	286	335	-3888	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	83	17.5	1.48	83.4	17.5	24.1	25.6	25.5	20.9	0	Up	0.963	-1.080	0.000	32.7	31.6	Off
144211	31380	286	335	-3888	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	83.4	17.5	1.49	83.6	17.5	24.4	25.7	25.4	20.9	0	Up	0.951	-1.070	0.005	32.7	32.3	Off
144212	31320	287	335	-3912	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.4	17.5	1.49	83.6	17.5	24.6	25.6	25.4	20.8	0	Up	0.963	-1.060	0.005	33.3	32.3	Off
144213	31260	288	335	-3816	-1.3	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.4	17.5	1.50	83.9	17.5	24.3	25.6	25.3	21.3	0	Up	0.983	-1.082	0.005	33.3	33.2	Off
144214	31192	289	335.4	-3912	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.4	17.5	1.50	83.9	17.5	24.4	25.5	25.4	20.8	0	Up	1.013	-1.078	0.009	33.8	33.2	Off
144215	31128	290	335.4	-3840	-1.1	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.6	17.5	1.50	83.9	18.7	24.6	25.5	25.4	20.7	0	Up	1.018	-1.068	0.003	33.8	33.6	Off
144216	31052	290	335.4	-3935	-1.3	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.6	18.7	1.50	83.9	18.7	25.1	25.6	25.5	20.8	0	Up	0.972	-1.076	0.009	34.1	33.6	Off
144217	31000	291	335	-3912	-1.3	-2.1	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.6	17.5	1.50	84.1	18.7	24.1	25.5	25.4	21.2	0	Up	0.944	-1.064	0.003	34.1	34.1	Off
144218	30936	291	335	-3888	-1.3	-1.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.6	18.7	1.50	84.1	18.7	24.2	25.6	25.3	21.3	0	Up	0.965	-1.082	0.001	34.2	34.1	Off
144219	30856	292	335	-3864	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.8	17.5	1.50	83.9	18.7	24.3	25.6	25.3	21.0	0	Up	0.970	-1.080	0.003	34.2	34.4	Off
144220	30792	293	335	-3935	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.8	17.5	1.50	83.9	18.7	24.4	25.6	25.4	20.6	0	Up	1.006	-1.082	0.001	34.4	34.4	Off
144221	30736	293	335	-3864	-1.3	-1.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	83.8	17.5	1.50	83.9	17.5	24.2	25.6	25.4	21.0	0	Up	1.027	-1.064	0.001	34.4	34.6	Off
144222	30672	294	335	-3888	-1.4	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.8	17.5	1.50	83.9	18.7	24.1	25.6	25.4	21.3	0	Up	0.899	-1.082	0.000	34.5	34.6	Off
144223	30592	294	335	-4008	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.6	17.5	1.50	84.1	17.5	24.6	25.6	25.3	21.1	0	Up	0.956	-1.082	0.001	34.5	34.7	Off
144224	30544	294	335	-3888	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.6	18.7	1.49	84.1	18.7	24.4	25.6	25.3	21.0	0	Up	0.960	-1.082	0.001	34.6	34.7	Off
144225	30480	295	335	-3888	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.8	18.7	1.49	84.1	18.7	24.4	25.4	25.3	21.0	0	Up	0.990	-1.082	0.005	34.6	34.8	Off
144226	30412	296	335	-3840	-1.3	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.8	18.7	1.49	84.1	17.5	24.7	25.6	25.4	20.9	0	Up	0.990	-1.082	-0.002	35.0	34.8	Off
144227	30344	296	335	-3935	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	83.6	17.5	1.48	83.8	17.5	24.7	25.5	25.4	20.8	0	Up	1.002	-1.082	0.003	35.0	34.8	Off
144228	30280	297	334.7	-3935	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.46	83.6	16.2	1.46	83.8	15	24.3	25.5	25.3	21.3	0	Up	0.995	-1.082	-0.007	33.6	34.8	Off
144229	30204	298	334.7	-3912	-1.3	-0.3	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	82	15	1.45	83.1	15	24.4	25.4	25.3	21.4	0	Up	0.995	-1.082	-0.019	33.6	33.9	Off
144230	30152	298	334.7	-3840	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	82	15	1.43	83.1	13.7	24.4	25.4	25.3	21.2	0	Up	0.935	-1.082	-0.025	31.1	33.9	Off
144231	30092	299	334.7	-3864	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.38	81.4	15	1.41	81.8	13.7	24.3	25.3	25.2	21.0	0	Up	0.940	-1.082	-0.023	31.1	32.5	Off
144232	30016	299	334.7	-3935	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.36	81.4	15	1.38	81.8	12.5	24.5	25.4	25.4	20.8	0	Up	0.986	-1.082	-0.029	29.7	32.5	Off
144233	29948	299																															

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144247	29040	303	335	-3912	-1.3	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.29	79.6	13.7	1.28	79.6	12.5	24.6	25.3	25.3	20.8	0	Up	0.988	-1.082	-0.047	27.4	27.3	Off
144248	28976	303	335	-3888	-1.3	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	79.6	13.7	1.28	79.6	12.5	24.5	25.3	25.2	21.3	0	Up	0.972	-1.082	-0.045	27.2	27.3	Off
144249	28908	304	335	-3960	-1.3	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	79.4	13.7	1.28	79.4	12.5	24.4	25.4	25.2	21.4	0	Up	0.972	-1.082	-0.055	27.2	27.4	Off
144250	28852	304	335	-3888	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	79.4	13.7	1.28	79.4	12.5	24.6	25.4	25.2	21.4	0	Up	0.958	-1.082	-0.045	27.0	27.4	Off
144251	28780	304	335	-3888	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	79.3	13.7	1.27	79.3	12.5	24.5	25.3	25.1	20.8	0	Up	0.979	-1.082	-0.045	27.0	27.4	Off
144252	28716	304	335	-3888	-1.3	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	79.3	13.7	1.27	79.3	11.2	24.4	25.3	25.1	20.9	0	Up	0.986	-1.082	-0.045	26.8	27.4	Off
144253	28648	304	335	-3888	-1.4	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	79.1	13.7	1.27	79.3	12.5	24.4	25.4	25.2	21.2	0	Up	0.956	-1.082	-0.049	26.8	27.2	Off
144254	28596	304	335	-3792	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.26	79.1	13.7	1.26	79.3	11.2	24.8	25.5	25.2	21.0	0	Up	0.915	-1.082	-0.057	26.6	27.2	Off
144255	28524	304	334.7	-3912	-1.4	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.26	79	13.7	1.26	79	11.2	25.0	25.3	25.3	21.2	0	Up	0.981	-1.082	-0.047	26.6	27.0	Off
144256	28472	305	335	-3696	-1.4	-1.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.26	79	13.7	1.25	79	11.2	24.3	25.3	25.1	21.8	0	Up	0.976	-1.082	-0.053	26.4	27.0	Off
144257	28392	304	335	-3888	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	79	13.7	1.25	78.8	11.2	24.5	25.3	25.2	21.0	0	Up	0.995	-1.082	-0.049	26.4	26.6	Off
144258	28324	305	335	-3912	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	79	13.7	1.25	78.8	11.2	25.3	25.3	25.2	20.8	0	Up	0.970	-1.082	-0.049	26.3	26.6	Off
144259	28272	305	335	-3816	-1.4	-1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	78.8	12.5	1.24	78.5	11.2	24.6	25.4	25.2	21.2	0	Up	0.956	-1.082	-0.055	26.3	26.3	Off
144260	28204	304	335	-3888	-1.4	-1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	78.8	12.5	1.24	78.5	11.2	24.7	25.4	25.1	21.1	0	Up	0.965	-1.082	-0.053	26.1	26.3	Off
144261	28136	304	335	-3864	-1.6	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	78.8	12.5	1.24	78.6	11.2	24.4	25.5	25.2	21.3	0	Up	0.960	-1.082	-0.055	26.1	26.1	Off
144262	28072	304	335	-3864	-1.4	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	78.8	12.5	1.24	78.6	11.2	24.7	25.4	25.2	21.2	0	Up	1.002	-1.082	-0.051	26.0	26.1	Off
144263	28012	304	335	-3816	-1.4	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	78.6	12.5	1.23	78.5	11.2	24.4	25.4	25.2	21.0	0	Up	1.006	-1.082	-0.053	26.0	26.1	Off
144264	27948	304	334.7	-3888	-1.4	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	78.6	12.5	1.23	78.5	11.2	24.7	25.4	25.3	21.3	0	Up	0.981	-1.082	-0.051	25.8	26.1	Off
144265	27884	304	334.7	-3840	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.6	12.5	1.23	78.5	11.2	24.3	25.4	25.4	21.0	0	Up	0.944	-1.082	-0.049	25.8	26.0	Off
144266	27816	304	334.7	-3935	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.6	12.5	1.23	78.5	11.2	24.7	25.4	25.2	21.2	0	Up	0.974	-1.082	-0.055	25.8	26.0	Off
144267	27748	303	334.7	-3864	-1.4	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.5	25.5	25.2	21.0	0	Up	0.960	-1.082	-0.055	25.8	26.0	Off
144268	27672	304	334.3	-3912	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.4	25.3	25.2	21.2	0	Up	0.981	-1.082	-0.053	25.7	26.0	Off
144269	27624	304	334.3	-3888	-1.4	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.2	25.4	25.3	21.2	0	Up	0.986	-1.082	-0.057	25.7	26.0	Off
144270	27560	304	334.3	-3864	-1.4	1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.5	25.4	25.4	21.3	0	Up	0.970	-1.082	-0.053	25.7	26.0	Off
144271	27492	303	334.3	-3864	-1.4	2.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.3	12.5	1.23	78.3	11.2	24.5	25.4	25.2	21.3	0	Up	0.974	-1.082	-0.059	25.7	26.0	Off
144272	27420	303	334.3	-3912	-1.4	2.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.3	12.5	1.23	78.3	11.2	24.9	25.4	25.2	21.3	0	Up	0.974	-1.082	-0.057	25.7	26.0	Off
144273	27360	303	334.7	-3912	-1.4	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.3	12.5	1.23	78.3	11.2	24.7	25.3	25.2	21.3	0	Up	0.981	-1.082	-0.057	25.7	26.0	Off
144274	27296	302	334.7	-3912	-1.6	1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.3	12.5	1.23	78.3	11.2	24.4	25.4	25.3	21.0	0	Up	0.956	-1.082	-0.055	25.7	26.0	Off
144275	27228	302	334.7	-3935	-1.6	1.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.8	25.3	25.3	21.3	0	Up	0.995	-1.082	-0.059	25.7	26.0	Off
144276	27168	301	334.7	-3888	-1.6	1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.7	25.5	25.4	21.3	0	Up	0.990	-1.082	-0.057	25.7	26.0	Off
144277	27100	301	334.7	-3888	-1.4	1.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	24.7	25.4	25.3	21.2	0	Up	0.981	-1.082	-0.049	25.7	26.0	Off
144278	27036	300	334.7	-3816	-1.4	1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.3	11.2	25.1	25.4	25.3	21.5	0	Up	0.976	-1.082	-0.051	25.7	26.0	Off
144279	26968	300	334.7	-3935	-1.4	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.5	11.2	24.8	25.5	25.3	21.2	0	Up	0.965	-1.082	-0.047	25.7	26.0	Off
144280	26900	299	334.7	-3960	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.5	11.2	24.4	25.4	25.5	21.0	0	Up	0.960	-1.082	-0.053	25.7	26.0	Off
144281	26844	299	334.7	-3888	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.5	11.2	24.7	25.5	25.3	21.3	0	Up	0.970	-1.082	-0.049	25.7	26.1	Off
144282	26780	299	334.7	-3840	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.5	12.5	1.23	78.5	11.2	24.6	25.5	25.3	21.3	0	Up	0.970	-1.082	-0.047	25.8	26.1	Off
144283	26716	299	334.7	-3864	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.8	12.5	1.23	78.6	12.5	24.4	25.6	25.3	21.3	0	Up	0.995	-1.082	-0.045	25.8	26.4	Off
144284	26644	298	334.7	-3912	-1.6	1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	78.8	13.7	1.24	78.6	12.5	24.7	25.4	25.3	21.4	0	Up	0.960	-1.082	-0.045	26.0	26.4	Off
144285	26576	298	334.7	-3912	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	79.1	13.7	1.23	78.6	11.2	24.9	25.5	25.4	21.4	0	Up	0.965	-1.082	-0.047	26.0	26.4	Off
144286	26524	298	334.7	-3864	-1.6	1.8	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	79.1	13.7	1.23	78.6	12.5	24.8	25.6	25.3	21.3	0	Up	0.956	-1.082	-0.045	26.6	26.4	Off
144287	26460	298	334.7	-3840	-1.6	2.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	79.4	13.7	1.23	78.6	11.2	25.1	25.6	25.3	21.3	0	Up	0.949	-1.082	-0.047	26.6	26.5	Off
144288	26392	297	334.7	-3864	-1.6	2.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	79.4	13.7	1.24	78.6	13.7	24.0	25.6	25.3	21.1	0	Up	0.965	-1.08				

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144303	25420	299	335	-3888	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.4	15	1.31	81	15	24.6	25.6	25.5	21.5	0	Up	0.995	-1.076	-0.037	29.5	31.3	Off
144304	25352	299	335	-3935	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.4	15	1.31	81	15	24.8	25.7	25.3	21.5	0	Up	0.995	-1.082	-0.031	29.6	31.3	Off
144305	25280	299	335	-3960	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.6	15	1.30	80.7	15	25.1	25.6	25.3	21.3	0	Up	0.970	-1.064	-0.033	29.6	31.1	Off
144306	25216	301	335.4	-3984	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.6	15	1.30	80.7	15	25.1	25.4	25.4	21.2	0	Up	1.002	-1.072	-0.037	29.7	31.1	Off
144307	25156	301	335.4	-3888	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.6	15	1.29	80.7	15	24.9	25.5	25.4	21.5	0	Up	0.995	-1.076	-0.037	29.7	30.9	Off
144308	25088	302	335.4	-3912	-1.8	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.29	80.6	16.2	1.29	80.7	15	24.4	25.4	25.4	21.5	0	Up	1.011	-1.082	-0.037	30.4	30.9	Off
144309	25028	303	335.4	-3864	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	81.2	15	1.29	80.7	15	25.3	25.5	25.3	21.7	0	Up	0.974	-1.082	-0.039	30.4	30.8	Off
144310	24960	303	335.4	-3912	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	81.2	15	1.29	80.7	15	25.0	25.4	25.3	21.3	0	Up	0.960	-1.082	-0.035	31.6	30.8	Off
144311	24884	303	335.4	-4008	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	80.9	15	1.29	80.4	13.7	25.1	25.5	25.4	21.5	0	Up	0.944	-1.082	-0.037	31.6	30.7	Off
144312	24836	304	335.4	-3864	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	80.9	15	1.28	80.4	13.7	25.2	25.6	25.5	21.0	0	Up	0.965	-1.082	-0.037	31.6	30.7	Off
144313	24760	305	335	-3960	-1.8	-1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	80.9	15	1.28	80.4	13.7	25.1	25.5	25.5	21.5	0	Up	0.990	-1.082	-0.039	31.6	30.4	Off
144314	24696	305	335.4	-3935	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.29	80.9	15	1.27	80.4	13.7	25.1	25.5	25.3	21.5	0	Up	1.002	-1.082	-0.041	30.9	30.4	Off
144315	24636	305	335.4	-3864	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.29	80.7	15	1.27	80.2	13.7	25.6	25.4	25.3	21.3	0	Up	0.995	-1.082	-0.041	30.9	30.2	Off
144316	24556	305	335	-3960	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.28	80.7	13.7	1.27	80.2	13.7	25.1	25.4	25.4	21.3	0	Up	0.990	-1.082	-0.043	30.5	30.2	Off
144317	24508	305	335	-3888	-1.8	-1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	80.2	15	1.26	80.1	13.7	25.1	25.4	25.4	21.4	0	Up	0.956	-1.082	-0.045	30.5	29.9	Off
144318	24428	305	335	-3960	-1.8	-1.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	80.2	13.7	1.26	80.1	13.7	25.0	25.4	25.4	21.5	0	Up	0.990	-1.082	-0.043	30.1	29.9	Off
144319	24372	306	335	-3935	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	80.1	13.7	1.26	80.1	13.7	24.6	25.4	25.4	21.7	0	Up	0.995	-1.082	-0.047	30.1	29.8	Off
144320	24316	306	335	-3864	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	80.1	13.7	1.25	80.1	13.7	24.8	25.4	25.3	21.5	0	Up	1.015	-1.082	-0.051	29.1	29.8	Off
144321	24232	306	335	-3912	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	79.8	13.7	1.25	79.9	13.7	25.3	25.4	25.4	21.7	0	Up	0.970	-1.082	-0.053	29.1	29.6	Off
144322	24188	306	335	-3888	-1.8	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.24	79.8	13.7	1.25	79.9	12.5	25.3	25.4	25.4	21.7	0	Up	1.002	-1.082	-0.049	28.5	29.6	Off
144323	24108	306	335	-3912	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	79.6	13.7	1.25	79.9	12.5	24.6	25.5	25.4	21.8	0	Up	0.976	-1.072	-0.051	28.5	29.5	Off
144324	24028	306	335	-4008	-1.8	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	79.6	13.7	1.25	79.9	12.5	24.6	25.4	25.4	21.1	0	Up	0.970	-1.082	-0.051	28.2	29.5	Off
144325	23972	306	335	-3984	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.23	79.3	12.5	1.25	79.8	12.5	24.9	25.4	25.3	21.0	0	Up	1.011	-1.068	-0.055	28.2	29.5	Off
144326	23920	307	335	-3816	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.22	79.3	12.5	1.24	79.8	12.5	24.8	25.4	25.3	21.6	0	Up	0.995	-1.070	-0.051	27.8	29.5	Off
144327	23840	307	335	-4008	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.22	79.3	12.5	1.24	79.4	11.2	24.8	25.4	25.3	21.5	0	Up	0.970	-1.082	-0.059	27.8	29.4	Off
144328	23776	307	335	-3912	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.22	79.3	12.5	1.23	79.4	12.5	25.3	25.4	25.4	21.3	0	Up	0.949	-1.080	-0.051	27.6	29.4	Off
144329	23728	307	335	-3864	-1.8	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	79	12.5	1.23	79.1	11.2	25.1	25.4	25.4	21.3	0	Up	0.960	-1.082	-0.053	27.6	28.8	Off
144330	23640	306	335	-4055	-1.8	-1.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	79	12.5	1.22	79.1	11.2	24.7	25.4	25.3	21.7	0	Up	0.949	-1.082	-0.057	27.2	28.8	Off
144331	23572	306	335	-3960	-2.0	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	78.8	12.5	1.21	79	11.2	24.7	25.4	25.3	21.4	0	Up	0.960	-1.060	-0.059	27.2	27.8	Off
144332	23524	306	335	-3984	-2.0	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	78.8	12.5	1.21	79	11.2	25.5	25.4	25.3	20.8	0	Up	0.990	-1.082	-0.055	26.8	27.8	Off
144333	23460	306	335	-3888	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	78.8	12.5	1.21	78.6	11.2	25.2	25.4	25.3	21.3	0	Up	0.990	-1.076	-0.059	26.8	27.4	Off
144334	23392	307	335	-3816	-1.8	-0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	78.8	12.5	1.20	78.6	11.2	25.1	25.4	25.3	21.8	0	Up	0.981	-1.082	-0.059	26.5	27.4	Off
144335	23328	307	335	-3864	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	78.6	12.5	1.20	78.5	11.2	25.1	25.4	25.4	21.3	0	Up	1.006	-1.064	-0.057	26.5	26.8	Off
144336	23248	307	334.7	-4032	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	78.6	12.5	1.20	78.5	10	25.2	25.4	25.4	21.3	0	Up	1.006	-1.070	-0.066	26.3	26.8	Off
144337	23180	307	334.7	-3960	-1.8	-0.3	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	78.6	12.5	1.19	78.2	10	25.4	25.5	25.3	21.4	0	Up	0.986	-1.080	-0.068	26.3	26.3	Off
144338	23116	306	334.7	-3960	-2.0	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.6	12.5	1.19	78.2	10	25.4	25.5	25.4	21.5	0	Up	0.965	-1.064	-0.068	25.9	26.3	Off
144339	23060	306	334.7	-4008	-2.0	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.5	12.5	1.18	78.2	10	25.1	25.5	25.5	21.5	0	Up	0.935	-1.078	-0.066	25.9	25.4	Off
144340	23008	306	334.7	-3792	-2.0	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.5	12.5	1.18	78.2	10	25.0	25.5	25.3	21.8	0	Up	0.990	-1.074	-0.059	25.4	25.4	Off
144341	22932	306	335	-3840	-2.0	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	0	11.2	1.18	77.8	10	24.9	25.5	25.3	22.0	0	Up	0.990	-1.082	-0.059	25.4	25.1	Off
144342	22868	306	335	-3935	-2.0	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	0	11.2	1.18	77.8	10	25.2	25.6	25.3	21.6	0	Up	1.011	-1.082	-0.061	24.9	25.1	Off
144343	22796	306	335	-3984	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.3	11.2	1.18	77.8	10	25.4	25.4	25.4	21.5	0	Up	0.986	-1.058	-0.063	24.9	24.9	Off
144344	22724	306	335	-4008	-1.8	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.3	12.5	1.18	77.8	10	25.4	25.4	25.4	21.1	0	Up	0.995	-1.060	-0.066	24.8	24.9	Off
144345	22660	306	335	-4008	-																												

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144359	21760	304	334.7	-3888	-2.0	0.0	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	12.5	1.18	78.2	11.2	25.2	25.6	25.3	21.4	0	Up	0.981	-1.082	-0.063	24.9	25.3	Off
144360	21700	304	334.7	-3840	-2.0	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	12.5	1.18	78.2	11.2	25.4	25.5	25.4	22.1	0	Up	0.956	-1.082	-0.063	25.1	25.3	Off
144361	21624	303	334.7	-3864	-2.1	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	12.5	1.18	78.2	11.2	25.1	25.6	25.5	22.0	0	Up	0.990	-1.080	-0.059	25.1	25.4	Off
144362	21564	303	334.7	-3888	-2.1	1.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	12.5	1.18	78.2	11.2	25.6	25.6	25.5	21.5	0	Up	0.986	-1.066	-0.059	25.1	25.4	Off
144363	21496	303	334.7	-3912	-2.0	1.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	11.2	1.18	78.2	11.2	25.3	25.6	25.4	21.8	0	Up	1.006	-1.070	-0.057	25.1	25.4	Off
144364	21436	303	334.7	-3935	-2.0	1.1	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.5	12.5	1.18	78.2	11.2	25.6	25.6	25.3	21.6	0	Up	0.970	-1.082	-0.059	25.3	25.4	Off
144365	21364	303	334.7	-3864	-2.0	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.8	12.5	1.18	78.3	11.2	25.6	25.5	25.5	21.4	0	Up	0.965	-1.082	-0.061	25.3	25.5	Off
144366	21308	303	334.7	-3816	-2.1	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.8	12.5	1.18	78.3	11.2	25.4	25.5	25.6	21.8	0	Up	0.965	-1.080	-0.059	25.8	25.5	Off
144367	21228	303	334.7	-3960	-2.1	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.18	78.6	12.5	1.18	78.3	11.2	24.9	25.6	25.6	21.4	0	Up	0.960	-1.070	-0.063	25.8	25.7	Off
144368	21172	303	335	-3888	-2.1	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.6	12.5	1.18	78.3	12.5	25.3	25.6	25.4	21.8	0	Up	0.970	-1.082	-0.059	26.0	25.7	Off
144369	21112	302	335	-3888	-2.0	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.8	12.5	1.18	78.2	10	25.5	25.6	25.4	21.8	0	Up	1.015	-1.082	-0.055	26.0	25.7	Off
144370	21044	301	335	-3935	-1.8	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.8	12.5	1.18	78.2	12.5	25.2	25.0	25.1	21.1	0	Up	1.031	-1.082	-0.053	26.3	25.7	Off
144371	20988	301	335	-3816	-1.6	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.8	12.5	1.18	78.3	10	23.3	23.3	23.6	19.3	0	Up	1.114	-1.082	-0.043	26.3	25.7	Off
144372	20936	301	335	-3768	-1.4	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.19	78.8	12.5	1.18	78.3	12.5	20.5	21.3	22.0	17.3	0	Up	1.077	-1.082	-0.035	26.5	25.7	Off
144373	20864	300	335	-3792	-1.3	0.7	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	79.3	13.7	1.18	78.5	12.5	17.8	17.9	18.5	13.9	0	Up	1.107	-1.082	-0.027	26.5	25.9	Off
144374	20820	300	335	-3696	-1.3	0.4	Engaged	Engaged	-3894	VS Cap	CAS Cap	Off	Off	Above 9.8	Not	1.20	79.3	13.7	1.18	78.5	12.5	14.5	15.0	15.9	11.2	0	Up	1.098	-1.082	-0.025	27.8	25.9	Off
144375	20780	299	335	-3504	-1.1	0.0	Engaged	Engaged	-3894	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	79.6	13.7	1.19	79.3	13.7	12.8	14.0	15.0	10.0	0	Up	1.061	-1.082	-0.027	27.8	26.3	Off
144376	20732	299	334.7	-3456	-1.6	-0.3	Engaged	Engaged	-3894	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.21	79.6	15	1.22	79.3	15	12.4	14.1	15.3	10.0	0	Up	0.889	-1.082	-0.027	28.9	26.3	Off
144377	20688	299	334.7	-3240	-1.6	0.0	Engaged	Engaged	-3894	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.22	80.7	15	1.26	81.5	15	12.5	14.0	15.2	10.2	0	Up	0.960	-1.082	-0.019	28.9	31.7	Off
144378	20640	300	334.7	-3192	-1.4	0.0	Engaged	Engaged	-3894	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.25	80.7	16.2	1.29	81.5	16.2	12.3	14.1	15.3	10.6	0	Up	0.981	-1.082	-0.009	31.4	31.7	Off
144379	20608	301	334.7	-3024	-1.3	0.7	Engaged	Engaged	-3894	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.27	81.7	16.2	1.31	82.3	16.2	12.3	13.9	15.3	10.6	0	Up	1.047	-1.082	0.001	31.4	35.6	Off
144380	20552	301	334.7	-2952	-1.1	1.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.29	81.7	16.2	1.32	82.3	16.2	11.0	12.6	13.8	9.4	0	Up	1.073	-1.082	0.009	34.5	35.6	Off
144381	20508	302	334.7	-2880	-0.9	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.30	82.5	17.5	1.33	82.8	16.2	9.9	11.3	12.5	8.1	0	Up	1.057	-1.082	0.009	34.5	37.0	Off
144382	20464	303	334.7	-2832	-0.9	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.32	82.5	17.5	1.34	82.8	17.5	8.7	10.2	11.8	7.0	0	Up	1.070	-1.082	0.015	36.4	37.0	Off
144383	20436	304	334.7	-2568	-0.7	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.33	83.1	17.5	1.35	83.3	17.5	8.8	10.0	11.3	6.8	0	Up	1.034	-1.082	0.019	36.4	38.2	Off
144384	20400	305	334.7	-2520	-0.7	1.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.35	83.1	17.5	1.36	83.3	18.7	8.1	9.5	11.1	6.3	0	Up	0.979	-1.082	0.017	38.3	38.2	Off
144385	20372	306	334.7	-2448	-0.9	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.36	83.8	17.5	1.36	83.8	17.5	8.1	9.1	11.1	6.4	0	Up	1.008	-1.082	0.015	38.3	39.4	Off
144386	20344	306	334.7	-2328	-0.9	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.36	83.8	18.7	1.36	83.8	17.5	7.5	8.8	10.5	6.3	0	Up	0.979	-1.082	0.023	39.4	39.4	Off
144387	20304	307	334.7	-2304	-0.7	1.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.37	83.8	18.7	1.37	84.1	17.5	6.7	7.4	8.8	4.8	0	Up	1.054	-1.082	0.026	39.4	40.0	Off
144388	20284	307	334.7	-2136	-0.7	1.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.37	83.8	18.7	1.37	84.1	17.5	2.9	2.5	4.2	1.2	0	Up	1.075	-1.082	0.030	39.4	40.0	Off
144389	20252	307	335	-2136	-0.6	1.8	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.36	83.1	17.5	1.36	83.6	17.5	1.0	0.2	2.8	0.0	0	Up	1.146	-1.082	0.028	39.4	40.0	Off
144390	20240	307	335	-1872	-0.6	1.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.34	83.1	17.5	1.35	83.6	17.5	1.4	0.4	3.2	0.4	0	Up	1.002	-1.082	0.019	37.2	40.0	Off
144391	20216	308	335	-1752	-0.7	0.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.33	83.6	17.5	1.35	83.6	17.5	0.2	-0.3	2.8	0.5	0	Up	0.908	-1.082	0.013	37.2	39.3	Off
144392	20196	309	335	-1608	-0.9	0.7	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.35	83.6	18.7	1.35	83.6	17.5	0.3	-0.2	2.4	0.4	0	Up	0.915	-1.082	0.015	37.6	39.3	Off
144393	20164	310	335	-1632	-0.9	1.1	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.36	83.8	18.7	1.35	83.6	17.5	1.2	-0.1	2.7	0.1	0	Up	1.006	-1.082	0.015	37.6	39.4	Off
144394	20140	310	334.7	-1560	-0.6	0.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.36	83.8	18.7	1.35	83.6	17.5	0.5	0.1	2.8	0.1	0	Up	1.073	-1.082	0.017	38.4	39.4	Off
144395	20120	309	334.7	-1512	-0.2	0.4	Engaged	Engaged	-2596	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.35	83	17.5	1.34	83.3	16.2	0.8	0.4	3.0	0.4	0	Up	1.086	-1.082	0.023	38.4	39.3	Off
144396	20096	310	334.7	-1488	0.0	0.7	Engaged	Engaged	-998	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.33	83	16.2	1.33	83.3	16.2	0.7	0.2	3.0	0.5	0	Up	1.068	-1.082	0.021	36.5	39.3	Off
144397	20076	310	334.7	-1368	0.1	1.4	Engaged	Engaged	-998	Not Cap	CAS Cap	Off	WARNING	Above 9.8	Not	1.32	83	17.5	1.32	82.8	16.2	0.6	-0.2	2.5	0.3	0	Up	1.040	-1.082	0.009	36.5	37.8	Off
144398	20068	310	335	-1296	0.4	1.4	Engaged	Engaged	-998	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.32	83	17.5	1.32	82.8	16.2	0.7	-0.2	2.7	0.0	0	Up	1.086	-1.082	0.007	36.0	37.8	Off
144399	20044	309	335	-1248	0.4	1.1	Engaged	Engaged	-998	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.32	82.8	17.5	1.32	83	16.2	0.7	0.0	2.6	0.0	0	Up	0.976	-1.082	0.011	36.0	37.2	Off
144400	20032	309	335	-1248	0.6	0.7	Engaged	Engaged	-998	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.32	82.8	17.5	1.33	83	17.5	0.9	0.2	2.8	0.0	0	Up	1.027	-1.082	0.015	35.8	37.2	Off
144401	20028	309	335	-1128																													

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144415	19984	312	335.4	-144	1.3	0.0	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	87.6	24.3	1.52	87.9	24.3	0.6	-0.1	2.7	0.2	0	Up	1.004	-1.076	0.066	42.7	44.1	Off
144416	19988	312	335.4	-96	1.3	-0.3	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	87.6	24.3	1.53	87.9	24.3	0.7	-0.2	2.7	0.0	0	Up	0.999	-1.082	0.072	42.6	44.1	Off
144417	19996	314	335.4	-24	1.1	-0.3	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	87.9	25.7	1.53	88.5	25.7	0.5	0.1	2.8	-0.1	0	Up	0.963	-1.082	0.074	42.6	43.8	Off
144418	19996	315	335.4	-24	1.3	-0.7	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	87.9	25.7	1.54	88.5	25.7	0.9	0.1	2.8	0.4	0	Up	0.999	-1.082	0.078	42.6	43.8	Off
144419	19992	316	335.4	-24	1.3	-2.4	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.4	25.7	1.54	88.7	25.7	2.1	0.2	3.0	0.6	0	Up	0.967	-1.074	0.072	42.6	43.8	Off
144420	19992	317	335	-72	1.3	-4.9	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.4	25.7	1.55	88.7	25.7	1.5	-0.2	3.0	0.6	0	Up	0.947	-1.074	0.074	42.6	43.8	Off
144421	19992	318	335	-48	1.1	-7.7	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.55	88.4	25.7	1.55	88.7	25.7	1.5	0.0	2.7	0.9	0	Up	0.972	-1.062	0.076	42.6	43.8	Off
144422	19992	318	334.3	-24	1.3	-10.5	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.55	88.4	25.7	1.55	88.7	25.7	1.5	0.0	2.6	0.5	0	Up	1.013	-1.074	0.074	42.5	43.8	Off
144423	19988	319	334	-48	1.3	-12.6	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.5	25.7	1.55	88.9	25.7	1.2	0.1	2.6	0.2	0	Up	1.013	-1.082	0.076	42.5	43.8	Off
144424	19988	320	333.3	-48	1.3	-14.4	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.5	25.7	1.55	88.9	25.7	0.9	0.0	2.8	0.1	0	Up	1.013	-1.074	0.078	42.5	43.8	Off
144425	19988	321	332.6	24	1.3	-15.1	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.2	25.7	1.54	88.5	25.7	0.7	0.4	2.8	0.3	0	Up	1.004	-1.074	0.070	42.5	43.8	Off
144426	19992	321	331.9	24	1.3	-14.4	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.54	88.5	25.7	0.5	0.0	3.0	0.5	0	Up	1.008	-1.078	0.070	42.4	43.8	Off
144427	19996	322	331.2	0	1.3	-13.0	Engaged	Engaged	0	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	87.9	25.7	1.54	88.4	25.7	0.5	0.0	2.6	0.9	0	Up	1.020	-1.080	0.068	42.4	43.6	Off
144428	19992	322	330.8	-24	1.3	-10.9	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	87.9	25.7	1.54	88.4	25.7	0.4	-0.2	2.6	0.6	0	Up	0.992	-1.068	0.064	42.4	43.6	Off
144429	20000	322	330.5	48	1.3	-8.7	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.7	25.7	1.54	88.4	25.7	0.5	0.2	2.6	0.6	0	Up	0.963	-1.076	0.066	42.4	43.6	Off
144430	19996	324	330.1	24	1.3	-5.6	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.56	88.7	27.1	1.54	88.4	25.7	0.4	0.4	3.0	0.5	0	Up	0.967	-1.082	0.070	42.6	43.6	Off
144431	19996	324	330.1	24	1.1	-3.5	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.56	88.9	27.1	1.54	88.5	25.7	0.5	0.2	3.0	0.5	0	Up	0.908	-1.066	0.068	42.6	43.8	Off
144432	19996	325	329.8	24	1.1	-2.1	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.55	88.9	25.7	1.54	88.5	25.7	0.6	-0.2	3.2	0.2	0	Up	0.999	-1.078	0.066	42.2	43.8	Off
144433	19996	325	329.8	48	1.1	-1.4	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.54	88.2	25.7	1.54	88.7	25.7	0.7	-0.3	2.6	0.2	0	Up	0.979	-1.066	0.068	42.2	43.8	Off
144434	19996	326	329.8	48	1.1	-1.4	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.54	88.7	25.7	0.4	-0.1	2.5	0.5	0	Up	0.990	-1.082	0.064	42.2	43.8	Off
144435	19988	327	329.4	0	1.1	-1.7	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.54	88.5	25.7	0.7	0.2	2.5	0.0	0	Up	0.970	-1.080	0.070	42.2	43.8	Off
144436	19992	327	329.4	0	1.1	-2.4	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.54	88.5	25.7	0.7	0.3	2.7	0.2	0	Up	0.976	-1.074	0.070	42.2	43.8	Off
144437	19992	327	329.4	-24	1.1	-2.8	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.53	88.2	25.7	0.7	0.5	3.1	0.3	0	Up	0.956	-1.076	0.072	42.2	43.7	Off
144438	19992	328	329.1	0	1.1	-3.5	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.53	88.2	25.7	0.8	0.1	3.1	0.2	0	Up	0.956	-1.082	0.066	42.2	43.7	Off
144439	19992	329	329.1	-48	1.1	-3.8	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.53	88.2	25.7	1.52	88.4	25.7	0.9	-0.2	2.7	0.4	0	Up	1.015	-1.082	0.064	42.2	43.4	Off
144440	19992	329	328.7	-24	1.1	-4.5	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.2	25.7	1.52	88.4	25.7	0.4	0.0	2.5	0.4	0	Up	1.015	-1.082	0.066	42.2	43.4	Off
144441	19992	329	328.7	-24	1.1	-4.9	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.1	25.7	1.52	88.2	25.7	0.4	0.1	2.7	0.0	0	Up	0.986	-1.082	0.062	42.2	43.4	Off
144442	19988	330	328.4	-48	1.1	-5.6	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.1	25.7	1.52	88.2	25.7	0.5	0.1	2.9	0.0	0	Up	0.967	-1.082	0.066	42.2	43.4	Off
144443	19984	330	328	-72	1.1	-5.9	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.2	25.7	1.52	88.1	25.7	0.6	0.2	3.1	0.1	0	Up	0.958	-1.082	0.064	42.2	43.4	Off
144444	19992	331	327.7	-24	1.1	-6.6	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.2	25.7	1.51	88.1	25.7	0.7	0.3	3.2	0.2	0	Up	0.988	-1.076	0.062	42.2	43.4	Off
144445	19992	331	327.3	24	1.1	-6.6	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.2	25.7	1.51	88.1	25.7	0.7	-0.1	3.1	0.1	0	Up	1.004	-1.078	0.058	42.2	43.3	Off
144446	19992	331	327	0	1.1	-7.0	Engaged	Engaged	100	Not Cap	CAS Cap	Off	Off	Above 9.8	Not	1.52	88.2	25.7	1.51	88.1	25.7	0.4	-0.2	2.5	0.4	0	Up	0.979	-1.082	0.062	42.2	43.3	Off
144447	19996	332	327	24	1.1	-7.3	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.52	88.1	25.7	1.51	88.1	25.7	0.3	0.0	2.6	0.1	0	Up	0.974	-1.068	0.058	42.2	43.3	Off
144448	19988	332	326.2	-24	1.1	-7.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.51	88.1	25.7	1.50	88.1	25.7	0.5	0.2	2.7	0.0	0	Up	0.983	-1.082	0.056	42.2	43.3	Off
144449	19992	332	326.2	0	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.51	87.9	24.3	1.50	87.9	24.3	0.4	0.4	3.0	0.1	0	Up	0.979	-1.074	0.056	42.2	43.3	Off
144450	19996	332	325.5	24	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	87.9	24.3	1.50	87.9	25.7	0.8	0.6	3.1	0.2	0	Up	1.013	-1.082	0.056	42.2	43.3	Off
144451	19996	333	325.5	24	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.50	87.7	24.3	1.50	87.9	24.3	0.8	0.0	3.2	0.3	0	Up	0.976	-1.074	0.054	42.2	43.3	Off
144452	19992	333	325.2	24	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	87.7	24.3	1.50	87.9	24.3	0.8	0.0	2.6	0.4	0	Up	1.002	-1.080	0.056	42.2	43.3	Off
144453	19988	334	324.8	24	1.1	-7.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	87.6	24.3	1.50	87.7	24.3	0.4	0.0	2.5	0.2	0	Up	0.981	-1.074	0.054	42.2	43.3	Off
144454	19992	334	324.5	0	1.1	-7.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.49	87.6	24.3	1.49	87.7	24.3	0.5	0.1	2.6	0.0	0	Up	0.995	-1.076	0.052	42.2	43.3	Off
144455	19996	334	324.1	24	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	87.6	24.3	1.49	87.9	24.3	0.6	0.2	2.8	0.0	0	Up	0.995	-1.076	0.050	42.2	43.3	Off
144456	19992	335	323.8	0	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	87.6	24.3	1.49	87.9	24.3	0.8	0.4	2.9	0.0	0	Up	0.995	-1.082	0.048	42.2	43.3	Off
144457	19992	335	323.4	-24	1.1	-8.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.48	87.6	24.3	1.49	87.7	24.3	0.9	0.4	3.2	0.2	0	Up	1.006	-1.072				

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144471	19996	337	318.5	24	1.1	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	86.9	22.9	1.44	86.8	21.4	0.8	0.8	3.1	0.6	0	Up	0.988	-1.082	0.032	42.2	43.2	Off
144472	19996	337	318.2	0	1.3	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	86.9	22.9	1.43	86.8	21.4	0.8	0.0	2.7	0.4	0	Up	0.967	-1.082	0.034	42.2	43.2	Off
144473	20000	337	317.5	48	1.3	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	86.9	22.9	1.43	86.6	21.4	0.5	0.0	2.5	0.0	0	Up	1.004	-1.082	0.030	42.2	43.2	Off
144474	19996	337	317.1	24	1.3	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	86.9	22.9	1.43	86.6	20	0.0	0.0	2.6	0.6	0	Up	0.999	-1.082	0.036	42.1	43.2	Off
144475	19988	337	316.8	-24	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.4	0.4	2.7	0.0	0	Up	0.951	-1.078	0.036	42.1	43.2	Off
144476	19992	337	316.4	48	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.9	0.5	2.8	0.0	0	Up	0.963	-1.082	0.034	42.1	43.2	Off
144477	19992	337	316.4	0	1.1	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	21.4	0.8	0.6	3.0	0.0	0	Up	0.986	-1.082	0.034	42.1	43.2	Off
144478	19992	337	315.7	0	1.1	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.9	0.8	3.2	0.4	0	Up	0.970	-1.082	0.032	42.1	43.2	Off
144479	19992	337	315.3	24	1.1	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	21.4	0.7	0.0	3.1	0.6	0	Up	1.002	-1.082	0.023	42.1	43.2	Off
144480	19988	337	315	0	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.5	0.1	2.6	0.4	0	Up	0.974	-1.082	0.030	42.1	43.2	Off
144481	19996	337	314.6	0	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.5	0.2	2.6	-0.2	0	Up	0.981	-1.082	0.032	42.1	43.2	Off
144482	19992	337	314.3	-24	1.3	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.5	0.2	2.7	-0.1	0	Up	0.981	-1.082	0.036	42.1	43.2	Off
144483	19996	336	313.9	-24	1.3	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.6	22.9	1.43	86.6	20	0.5	1.1	2.8	0.1	0	Up	0.981	-1.082	0.032	42.1	43.2	Off
144484	19992	337	313.9	-24	1.1	-8.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.6	22.9	1.43	86.6	20	0.4	0.8	3.1	0.2	0	Up	1.002	-1.082	0.026	42.1	43.2	Off
144485	19996	336	313.6	48	1.3	-7.3	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.7	0.6	3.3	0.2	0	Up	0.995	-1.082	0.028	42.1	43.2	Off
144486	20000	337	313.2	48	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	1.1	0.4	3.1	0.2	0	Up	0.986	-1.082	0.028	42.1	43.2	Off
144487	20000	337	312.9	48	1.1	-7.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.9	22.9	1.43	86.5	20	0.3	0.1	2.8	0.9	0	Up	0.965	-1.082	0.023	42.1	43.3	Off
144488	20000	337	312.5	48	1.1	-7.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.9	22.9	1.43	86.5	20	0.2	0.2	2.7	0.5	0	Up	0.976	-1.082	0.030	42.1	43.3	Off
144489	19996	336	312.2	24	1.1	-5.9	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.6	22.9	1.43	86.5	21.4	0.3	0.1	2.7	0.6	0	Up	0.976	-1.082	0.030	42.1	43.3	Off
144490	19992	337	312.2	24	1.1	-4.2	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.6	22.9	1.43	86.5	20	0.2	0.2	2.7	0.5	0	Up	0.986	-1.082	0.028	42.2	43.3	Off
144491	20000	337	311.8	24	1.1	-2.8	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.5	21.4	0.3	0.4	3.0	0.4	0	Up	0.976	-1.082	0.032	42.2	43.3	Off
144492	20000	337	311.8	48	1.1	-1.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.5	21.4	0.2	0.9	3.6	0.5	0	Up	0.981	-1.082	0.032	42.2	43.3	Off
144493	19996	337	311.8	0	1.1	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.9	22.9	1.43	86.6	20	1.1	0.3	3.2	0.4	0	Up	0.981	-1.082	0.030	42.2	43.3	Off
144494	19996	336	311.5	24	1.1	-0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.9	22.9	1.43	86.6	21.4	0.6	0.0	3.0	0.8	0	Up	1.004	-1.082	0.028	42.2	43.3	Off
144495	19992	337	311.8	-24	1.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.2	0.0	2.5	0.5	0	Up	0.983	-1.082	0.028	42.2	43.3	Off
144496	19992	336	311.5	-48	1.3	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.43	86.8	22.9	1.43	86.6	20	0.3	0.1	2.5	0.4	0	Up	1.004	-1.082	0.030	42.2	43.3	Off
144497	19996	337	311.8	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.42	86.5	22.9	1.42	86.5	21.4	0.2	0.1	2.7	0.2	0	Up	0.967	-1.068	0.026	42.2	43.3	Off
144498	19996	338	311.8	-24	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.42	86.5	22.9	1.42	86.5	20	0.4	0.2	2.8	0.0	0	Up	0.988	-1.080	0.023	42.1	43.3	Off
144499	19996	338	311.8	0	1.3	1.1	Engaged	Engaged	0	Not Cap	Not Cap	Caution	Off	Above 9.8	Not	1.42	86.8	22.9	1.42	86.6	20	0.7	0.6	2.8	0.1	0	Up	0.976	-1.082	0.026	42.1	43.2	Off
144500	19996	338	311.8	24	1.3	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.8	22.9	1.41	86.6	20	0.4	0.6	3.1	0.2	0	Up	0.972	-1.082	0.026	42.1	43.2	Off
144501	19992	338	311.8	-48	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.6	22.9	1.41	86.6	20	0.4	0.0	3.2	0.3	0	Up	0.951	-1.082	0.023	42.1	43.2	Off
144502	19992	338	311.8	-48	1.1	1.1	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.6	22.9	1.41	86.6	20	1.2	-0.2	3.0	0.2	0	Up	0.963	-1.080	0.021	42.1	43.2	Off
144503	19996	338	311.8	0	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.8	22.9	1.41	86.5	20	0.5	0.0	2.6	0.5	0	Up	1.008	-1.082	0.026	42.1	43.2	Off
144504	19996	337	311.8	0	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.8	21.4	1.41	86.5	20	0.2	0.2	2.5	0.2	0	Up	1.008	-1.082	0.023	42.0	43.2	Off
144505	19992	337	311.8	0	1.3	1.1	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.41	86.3	21.4	1.41	86.1	20	0.4	0.3	2.7	0.0	0	Up	0.999	-1.082	0.028	42.0	43.1	Off
144506	19996	337	311.8	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.3	21.4	1.40	86.1	20	0.4	0.4	2.9	0.0	0	Up	0.979	-1.082	0.017	41.9	43.1	Off
144507	19996	337	311.8	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.5	21.4	1.40	86.3	20	0.4	0.6	3.0	0.3	0	Up	0.958	-1.082	0.015	41.9	43.1	Off
144508	20000	336	311.8	24	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.5	21.4	1.40	86.3	20	1.0	0.4	3.2	0.0	0	Up	0.963	-1.082	0.021	41.9	43.1	Off
144509	19996	336	311.8	0	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.39	86.3	21.4	1.40	86.1	20	1.1	0.1	3.3	0.2	0	Up	0.942	-1.082	0.017	41.9	43.1	Off
144510	19996	336	311.8	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.39	86.3	21.4	1.40	86.1	18.7	0.9	-0.1	3.1	0.6	0	Up	0.972	-1.082	0.017	41.9	43.1	Off
144511	20000	336	311.8	48	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.5	21.4	1.40	86.1	20	0.4	0.0	2.7	0.6	0	Up	0.983	-1.082	0.017	41.9	43.1	Off
144512	19996	336	311.8	24	1.3	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.5	22.9	1.40	86.1	20	0.5	0.2	2.5	0.0	0	Up	0.999	-1.082	0.021	42.0	43.1	Off
144513	19992	335	311.8	-24	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.40	86.6	22.9	1.40	86.1	20	0.5	0.2	2.7	0.0	0	Up	0.979	-1.082	0.023	42.0	43.0	Off
144514	20000	335	312.2	24	1.3	0.4	Engaged</																										

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144527	20000	334	311.8	24	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.3	24.3	1.45	87.3	24.3	0.7	0.5	3.2	0.2	0	Up	0.956	-1.082	0.032	42.5	43.7	Off
144528	20000	334	311.8	24	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.3	24.3	1.45	87.3	22.9	0.5	0.8	3.2	0.4	0	Up	0.960	-1.082	0.030	42.5	43.7	Off
144529	20004	334	311.8	48	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.3	24.3	1.45	87.1	22.9	0.7	0.4	3.0	0.9	0	Up	0.976	-1.082	0.036	42.5	43.4	Off
144530	20000	334	311.8	24	1.1	0.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.3	24.3	1.44	87.1	22.9	0.7	0.2	2.8	0.5	0	Up	0.990	-1.082	0.038	42.6	43.4	Off
144531	20000	334	311.8	24	1.3	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.46	88.1	24.3	1.44	87.1	22.9	0.7	0.3	2.7	0.4	0	Up	1.011	-1.082	0.042	42.6	43.3	Off
144532	20000	334	311.8	0	1.3	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.47	88.1	24.3	1.44	87.1	22.9	0.7	0.2	2.9	0.0	0	Up	0.986	-1.082	0.042	42.6	43.3	Off
144533	20004	335	311.8	24	1.3	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.47	87.4	24.3	1.44	87.1	22.9	0.7	0.4	2.7	0.2	0	Up	0.981	-1.082	0.040	42.6	43.3	Off
144534	20000	335	311.8	0	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.45	87.4	22.9	1.44	87.1	22.9	0.4	0.5	2.9	0.2	0	Up	0.949	-1.082	0.036	42.1	43.3	Off
144535	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.1	22.9	1.45	87.3	22.9	0.4	0.5	3.0	0.4	0	Up	0.965	-1.082	0.034	42.1	43.6	Off
144536	19996	335	311.5	-24	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	22.9	1.45	87.3	24.3	0.6	1.0	3.1	0.1	0	Up	0.949	-1.082	0.036	42.1	43.6	Off
144537	20000	335	311.5	0	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	86.9	22.9	1.45	87.6	22.9	1.3	0.8	3.4	0.2	0	Up	0.981	-1.082	0.038	42.1	43.6	Off
144538	19996	334	311.5	-24	1.3	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	86.9	22.9	1.45	87.6	22.9	0.7	0.6	3.2	0.6	0	Up	0.990	-1.082	0.042	42.1	43.6	Off
144539	20000	334	311.8	-24	1.3	0.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	24.3	1.44	87.1	22.9	0.9	0.3	3.1	0.2	0	Up	1.006	-1.082	0.042	42.1	43.3	Off
144540	19996	334	311.8	-24	1.3	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	22.9	1.44	87.1	22.9	0.5	0.2	2.7	0.7	0	Up	1.006	-1.082	0.036	42.2	43.3	Off
144541	20000	334	311.8	0	1.3	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	22.9	1.44	87.1	22.9	0.4	0.2	2.6	0.5	0	Up	0.944	-1.082	0.040	42.2	43.3	Off
144542	20000	334	311.8	0	1.3	0.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	22.9	1.44	87.1	22.9	0.5	0.5	2.7	0.0	0	Up	0.949	-1.082	0.040	42.2	43.3	Off
144543	20000	334	311.8	-24	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.1	22.9	1.44	87.1	22.9	0.9	0.4	2.7	0.0	0	Up	0.965	-1.082	0.034	42.2	43.3	Off
144544	20000	334	311.8	0	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.1	22.9	1.44	87.1	22.9	0.4	0.7	2.8	0.2	0	Up	0.990	-1.082	0.034	42.2	43.3	Off
144545	20000	334	311.8	0	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	24.3	1.44	86.9	22.9	0.9	0.6	3.0	0.2	0	Up	0.990	-1.082	0.032	42.2	43.3	Off
144546	19996	334	311.8	0	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	22.9	1.44	86.9	22.9	1.1	0.8	3.1	0.0	0	Up	0.999	-1.082	0.036	42.4	43.3	Off
144547	19996	334	311.8	-24	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.4	22.9	1.44	87.1	22.9	1.1	0.9	3.1	0.4	0	Up	0.992	-1.082	0.034	42.4	43.3	Off
144548	20000	334	311.8	24	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.4	22.9	1.44	87.1	22.9	0.9	0.9	3.2	0.6	0	Up	0.963	-1.082	0.042	42.4	43.3	Off
144549	19996	334	311.8	-24	1.1	0.7	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.4	24.3	1.45	87.3	22.9	1.2	0.4	3.3	0.4	0	Up	0.992	-1.082	0.034	42.4	43.6	Off
144550	20004	335	311.5	48	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.45	87.4	22.9	1.45	87.3	22.9	0.6	0.2	2.8	0.4	0	Up	0.988	-1.082	0.042	42.4	43.6	Off
144551	20004	335	311.5	24	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	24.3	1.45	87.3	22.9	0.4	0.3	2.8	0.8	0	Up	0.999	-1.082	0.036	42.4	43.6	Off
144552	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.45	87.3	24.3	1.45	87.3	24.3	0.4	0.5	2.7	0.6	0	Up	0.937	-1.082	0.038	42.4	43.6	Off
144553	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	24.3	1.45	87.3	22.9	0.6	0.2	2.9	0.1	0	Up	0.928	-1.082	0.034	42.4	43.4	Off
144554	20000	335	311.5	0	1.1	0.0	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	24.3	1.45	87.3	22.9	0.5	0.7	2.7	0.6	0	Up	0.947	-1.082	0.040	42.4	43.4	Off
144555	20000	335	311.5	0	1.0	0.4	Engaged	Engaged	100	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.4	24.3	1.44	87.1	22.9	0.5	0.6	3.0	0.3	0	Up	0.940	-1.082	0.032	42.4	43.4	Off
144556	19996	335	311.5	0	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.4	24.3	1.44	87.1	22.9	0.7	0.6	2.9	0.2	0	Up	0.970	-1.082	0.042	42.4	43.4	Off
144557	20000	335	311.5	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	24.3	1.43	87.1	22.9	0.7	0.7	3.1	0.1	0	Up	0.990	-1.082	0.042	42.4	43.3	Off
144558	19996	335	311.5	-24	1.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.3	22.9	1.43	87.1	22.9	0.7	0.8	3.1	0.3	0	Up	0.976	-1.076	0.036	42.4	43.3	Off
144559	19996	336	311.5	0	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.44	87.1	22.9	1.43	86.9	22.9	0.7	1.0	3.2	0.4	0	Up	0.965	-1.082	0.036	42.4	43.3	Off
144560	19996	336	311.5	-48	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	22.9	1.43	86.9	22.9	0.7	1.0	3.4	0.5	0	Up	0.949	-1.066	0.034	42.2	43.3	Off
144561	20000	336	311.5	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	22.9	1.43	87.1	22.9	1.0	0.9	3.4	0.5	0	Up	0.940	-1.080	0.034	42.2	43.2	Off
144562	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	87.1	22.9	1.43	87.1	22.9	0.4	0.2	2.9	0.6	0	Up	0.940	-1.082	0.034	42.2	43.2	Off
144563	19996	336	311.5	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Above 9.8	Not	1.43	86.9	22.9	1.43	86.9	22.9	0.4	0.4	2.7	0.7	0	Up	0.970	-1.078	0.032	42.2	43.3	Off
144564	19996	336	311.5	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	86.9	22.9	1.43	86.9	22.9	0.2	0.2	2.6	0.5	0	Up	0.979	-1.074	0.030	42.2	43.3	Off
144565	20000	336	311.5	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	86.9	22.9	0.2	0.3	2.8	0.3	0	Up	0.992	-1.082	0.030	42.2	43.3	Off
144566	19996	335	311.5	0	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	86.9	22.9	0.7	0.4	2.7	0.4	0	Up	1.024	-1.080	0.036	42.1	43.3	Off
144567	20000	335	311.5	0	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.42	87.1	22.9	1.43	86.9	22.9	0.7	0.6	2.7	0.1	0	Up	0.999	-1.078	0.032	42.1	43.3	Off
144568	20000	335	311.8	24	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.42	87.1	22.9	1.43	86.9	22.9	0.7	0.8	2.7	0.1	0	Up	0.979	-1.078	0.036	42.1	43.3	Off
144569	20000	335	311.5	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.42	86.8	22.9	1.43	86.9	21.4	0.7	0.9	2.8	0.1	0	Up	0.967	-1.060	0.030	42.1	43.3	Off

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144583	20000	335	311.8	0	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	21.4	0.7	0.8	3.0	0.2	0	Up	0.992	-1.068	0.032	42.2	43.3	Off
144584	20000	335	311.8	0	1.3	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	24.3	1.43	87.1	22.9	0.7	0.8	3.2	0.2	0	Up	0.992	-1.066	0.030	42.2	43.3	Off
144585	20000	335	311.8	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.6	3.0	0.2	0	Up	0.963	-1.064	0.032	42.2	43.3	Off
144586	20004	335	311.8	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	1.0	3.0	0.3	0	Up	0.958	-1.060	0.032	42.2	43.3	Off
144587	20000	335	311.5	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	86.9	22.9	0.8	1.1	3.3	0.4	0	Up	0.967	-1.082	0.032	42.2	43.3	Off
144588	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	86.9	22.9	0.9	1.2	3.6	0.3	0	Up	0.967	-1.080	0.034	42.4	43.3	Off
144589	19992	335	311.5	-48	1.1	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	86.9	22.9	1.5	1.0	3.4	0.5	0	Up	1.013	-1.074	0.038	42.4	43.3	Off
144590	19996	336	311.5	-24	1.3	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	86.9	22.9	1.4	0.8	3.4	0.6	0	Up	1.013	-1.080	0.036	42.4	43.3	Off
144591	20000	335	311.5	24	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	1.2	0.7	3.2	0.6	0	Up	1.008	-1.072	0.030	42.4	43.3	Off
144592	20000	335	311.5	0	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	1.3	0.6	3.2	0.6	0	Up	0.953	-1.082	0.028	42.2	43.3	Off
144593	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	1.1	0.6	3.0	0.4	0	Up	0.958	-1.082	0.032	42.2	43.3	Off
144594	20000	335	311.5	0	1.1	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.6	2.9	0.6	0	Up	0.953	-1.082	0.034	42.2	43.3	Off
144595	19996	335	311.5	-24	1.1	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.6	2.9	0.8	0	Up	0.953	-1.082	0.028	42.2	43.3	Off
144596	20000	335	311.5	-24	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.4	0.6	2.7	0.4	0	Up	0.983	-1.082	0.034	42.2	43.3	Off
144597	19996	335	311.5	-24	1.3	0.7	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.4	0.6	2.6	0.2	0	Up	1.013	-1.082	0.038	42.2	43.3	Off
144598	20000	335	311.5	0	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.5	2.8	0.0	0	Up	0.981	-1.082	0.032	42.2	43.3	Off
144599	20000	335	311.8	48	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	0.7	0.7	2.7	0.2	0	Up	0.976	-1.064	0.030	42.2	43.3	Off
144600	20000	335	311.8	24	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	0.7	0.9	2.7	0.0	0	Up	0.956	-1.078	0.036	42.2	43.3	Off
144601	20004	335	311.8	24	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.5	3.0	0.2	0	Up	0.944	-1.076	0.038	42.2	43.3	Off
144602	20000	335	311.8	0	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.8	0.8	3.0	0.1	0	Up	0.960	-1.082	0.030	42.2	43.3	Off
144603	20004	335	311.8	24	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	0.9	1.0	3.0	0.2	0	Up	0.976	-1.082	0.032	42.2	43.3	Off
144604	19996	335	311.8	-24	1.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	24.3	1.43	86.9	22.9	1.2	1.0	3.1	0.1	0	Up	0.995	-1.082	0.040	42.2	43.3	Off
144605	19996	335	311.8	0	1.3	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.7	0.9	3.2	0.2	0	Up	0.990	-1.080	0.038	42.2	43.4	Off
144606	20000	335	311.8	0	1.3	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	24.3	1.43	87.1	22.9	1.0	1.0	3.2	0.3	0	Up	0.995	-1.078	0.038	42.2	43.4	Off
144607	20000	335	311.5	24	1.3	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.3	22.9	0.8	1.0	3.1	0.4	0	Up	0.967	-1.070	0.026	42.2	43.4	Off
144608	20000	335	311.5	0	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	24.3	1.43	87.3	22.9	0.8	1.2	3.2	0.5	0	Up	0.963	-1.082	0.030	42.4	43.4	Off
144609	19996	335	311.5	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	87.1	22.9	1.1	1.1	3.3	0.3	0	Up	0.979	-1.060	0.034	42.4	43.4	Off
144610	20000	335	311.5	0	1.1	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.4	22.9	1.43	87.1	22.9	0.9	1.2	3.4	0.7	0	Up	0.953	-1.060	0.036	42.4	43.4	Off
144611	20000	335	311.8	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	24.3	1.43	87.1	22.9	0.9	0.9	3.2	0.8	0	Up	0.947	-1.082	0.032	42.4	43.4	Off
144612	20000	335	311.8	0	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	1.2	0.9	3.4	0.3	0	Up	0.963	-1.082	0.034	42.4	43.4	Off
144613	20000	335	311.8	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.9	0.6	3.2	0.6	0	Up	0.979	-1.082	0.036	42.4	43.3	Off
144614	20000	335	311.8	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	1.0	0.6	3.3	0.7	0	Up	1.004	-1.074	0.034	42.4	43.3	Off
144615	20000	335	311.8	24	1.1	0.7	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	1.2	0.5	3.4	0.4	0	Up	0.967	-1.082	0.034	42.4	43.3	Off
144616	20000	335	311.5	0	1.3	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	1.2	0.5	3.3	0.6	0	Up	0.974	-1.082	0.036	42.4	43.3	Off
144617	20004	335	311.5	24	1.3	0.0	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.8	0.7	3.0	0.9	0	Up	0.974	-1.082	0.040	42.4	43.3	Off
144618	19996	335	311.5	-24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.9	0.5	2.9	0.4	0	Up	0.965	-1.082	0.032	42.4	43.3	Off
144619	20000	335	311.5	24	1.1	0.4	Engaged	Engaged	0	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	87.1	22.9	0.9	0.5	2.8	0.6	0	Up	0.935	-1.082	0.030	42.4	43.3	Off
144620	19996	335	311.5	-24	1.1	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	87.1	22.9	0.5	0.4	2.8	0.9	0	Up	0.949	-1.082	0.034	42.4	43.3	Off
144621	19996	336	311.8	-24	1.1	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	0.7	0.5	2.8	0.5	0	Up	0.974	-1.082	0.032	42.4	43.3	Off
144622	20000	335	311.8	0	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	86.9	22.9	0.5	0.6	2.7	0.6	0	Up	0.981	-1.082	0.036	42.2	43.3	Off
144623	19996	336	311.8	-24	1.3	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	87.1	22.9	0.7	0.5	2.8	0.8	0	Up	0.990	-1.082	0.032	42.2	43.3	Off
144624	20000	336	311.5	0	1.3	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.1	22.9	1.43	87.1	22.9	0.6	0.5	2.8	0.8	0	Up	0.983	-1.082	0.034	42.2	43.3	Off
144625	20000	335	311.5	0	1.3	0.0	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43	87.1	22.9	0.4	0.7	2.8	0.9	0	Up	0.979	-1.082	0.034	42.2	43.3	Off
144626	19996	335	311.8	-24	1.3	0.4	Engaged	Engaged	-100	Not Cap	Not Cap	Off	Off	Not	Not	1.43	87.3	22.9	1.43														

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144639	19940	336	311.8	-360	0.1	0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.37	85.8	20	1.36	85.7	17.5	0.9	0.9	3.0	0.4	0	Up	0.905	-1.082	0.013	41.0	41.2	Off
144640	19924	336	311.8	-432	0.0	0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.36	85.8	20	1.36	85.7	17.5	0.7	1.0	3.2	0.4	0	Up	0.905	-1.082	0.007	39.9	41.2	Off
144641	19912	335	311.8	-504	-0.2	0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.35	85.3	18.7	1.34	84.9	16.2	0.9	0.9	3.1	0.3	0	Up	0.892	-1.082	0.007	39.9	40.1	Off
144642	19888	335	311.5	-672	-0.6	0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.33	85.3	18.7	1.33	84.9	16.2	0.8	1.0	3.2	0.4	0	Up	0.876	-1.082	-0.004	37.9	40.1	Off
144643	19860	334	311.5	-840	-0.7	0.4	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.32	84.6	17.5	1.32	84.1	15	0.9	0.8	3.1	0.4	0	Up	0.860	-1.082	-0.009	37.9	38.3	Off
144644	19832	334	311.5	-960	-0.9	0.0	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.29	84.6	16.2	1.29	84.1	13.7	0.9	0.8	3.2	0.4	0	Up	0.860	-1.082	-0.013	34.6	38.3	Off
144645	19800	335	311.5	-1128	-1.3	0.0	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.26	83.3	16.2	1.25	82.5	13.7	0.9	0.8	3.2	0.4	0	Up	0.839	-1.082	-0.031	34.6	32.8	Off
144646	19764	335	311.5	-1296	-1.6	-0.3	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.24	83.3	16.2	1.23	82.5	13.7	0.8	0.9	3.2	0.4	0	Up	0.825	-1.082	-0.027	30.2	32.8	Off
144647	19724	335	311.5	-1464	-1.8	-0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.23	83.1	16.2	1.22	82.2	13.7	0.9	0.9	3.0	0.4	0	Up	0.876	-1.082	-0.029	30.2	29.9	Off
144648	19688	335	311.5	-1608	-2.0	-0.7	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.23	83.1	16.2	1.22	82.2	13.7	0.7	0.9	3.1	0.4	0	Up	0.896	-1.082	-0.037	29.6	29.9	Off
144649	19640	336	311.1	-1800	-2.0	-1.0	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.23	83	16.2	1.21	82	13.7	0.9	0.8	3.1	0.4	0	Up	0.921	-1.082	-0.027	29.6	29.7	Off
144650	19604	336	311.1	-1920	-1.6	-1.0	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.22	83	16.2	1.21	82	13.7	0.9	0.6	3.2	0.3	0	Up	1.127	-1.082	-0.021	29.5	29.7	Off
144651	19572	336	311.1	-2040	-1.3	-1.4	Not Eng	Not Eng	-499	Not Cap	Not Cap	Off	Off	Not	Not	1.22	82.6	16.2	1.21	81.5	12.5	0.8	0.6	3.0	0.2	0	Up	1.118	-1.082	-0.023	29.5	29.4	Off
144652	19540	336	310.8	-2088	-0.9	-1.7	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.22	82.6	16.2	1.20	81.5	12.5	0.9	0.9	2.8	0.3	0	Up	1.102	-1.082	-0.023	29.2	29.4	Off
144653	19508	335	310.8	-2112	-0.7	-1.7	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.20	81	12.5	0.9	0.9	3.0	0.4	0	Up	1.040	-1.082	-0.029	29.2	28.3	Off
144654	19484	335	310.8	-2088	-0.7	-2.1	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.20	81	12.5	0.7	0.8	3.0	0.3	0	Up	1.031	-1.082	-0.029	28.9	28.3	Off
144655	19456	335	310.8	-2064	-0.7	-2.1	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.6	0.8	3.0	0.3	0	Up	1.002	-1.082	-0.035	28.9	27.8	Off
144656	19428	334	310.4	-2016	-0.6	-2.4	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.8	0.8	3.1	0.3	0	Up	1.006	-1.082	-0.031	28.8	27.8	Off
144657	19404	333	310.4	-1920	-0.6	-2.4	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.7	0.7	3.1	0.2	0	Up	1.002	-1.082	-0.033	28.8	27.6	Off
144658	19380	332	310.1	-1848	-0.7	-2.4	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.9	0.7	3.1	0.3	0	Up	0.974	-1.082	-0.033	28.6	27.6	Off
144659	19356	332	310.1	-1704	-0.7	-2.4	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.8	0.8	2.9	0.4	0	Up	0.988	-1.082	-0.033	28.6	27.4	Off
144660	19328	331	310.1	-1656	-0.7	-2.4	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.6	1.0	3.1	0.4	0	Up	0.947	-1.082	-0.033	28.6	27.4	Off
144661	19300	331	309.7	-1632	-0.9	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.7	0.6	3.0	0.2	0	Up	0.958	-1.082	-0.033	28.6	27.3	Off
144662	19276	330	309.7	-1584	-0.9	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	81	12.5	0.7	0.5	2.9	0.7	0	Up	0.937	-1.082	-0.031	28.6	27.3	Off
144663	19248	330	309.7	-1560	-0.9	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.7	12.5	0.7	0.8	2.8	0.8	0	Up	0.942	-1.082	-0.033	28.6	27.3	Off
144664	19220	330	309.4	-1584	-1.1	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.7	12.5	0.5	0.7	3.1	0.2	0	Up	0.958	-1.082	-0.029	29.0	27.3	Off
144665	19176	330	309.4	-1680	-1.1	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.7	0.6	2.9	0.2	0	Up	0.958	-1.082	-0.029	29.0	27.3	Off
144666	19156	330	309.4	-1632	-1.3	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.7	0.7	2.8	0.4	0	Up	0.958	-1.082	-0.029	29.2	27.3	Off
144667	19120	330	309	-1704	-1.3	-2.8	Not Eng	Not Eng	-1797	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.7	0.6	3.0	0.2	0	Up	0.958	-1.082	-0.031	29.2	27.4	Off
144668	19092	330	309	-1728	-1.4	-2.8	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.6	0.6	2.9	0.2	0	Up	0.944	-1.082	-0.031	29.5	27.4	Off
144669	19052	330	309	-1824	-1.4	-3.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	15	1.19	80.9	12.5	0.6	0.7	2.8	0.9	0	Up	0.956	-1.082	-0.029	29.5	27.4	Off
144670	19012	330	308.7	-1896	-1.6	-3.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.3	16.2	1.19	80.9	12.5	0.7	0.6	3.0	0.8	0	Up	0.944	-1.082	-0.033	29.8	27.4	Off
144671	18976	329	308.7	-1944	-1.6	-3.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.22	82.3	15	1.19	80.7	12.5	0.7	0.6	2.9	0.6	0	Up	0.956	-1.082	-0.031	29.8	27.6	Off
144672	18944	329	308.7	-1992	-1.6	-3.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.22	82.3	15	1.19	80.7	12.5	0.4	0.7	2.8	0.9	0	Up	0.956	-1.082	-0.031	29.9	27.6	Off
144673	18912	329	308.3	-2016	-1.3	-2.4	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.2	15	1.19	80.7	12.5	0.6	0.5	2.8	0.9	0	Up	1.114	-1.082	-0.023	29.9	27.6	Off
144674	18884	329	308.3	-2016	-0.9	-1.7	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.21	82.2	15	1.19	80.7	12.5	0.6	0.6	2.8	1.1	0	Up	1.093	-1.082	-0.023	30.1	27.6	Off
144675	18856	329	308.3	-1920	-0.7	-1.0	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	Off	Not	Not	1.22	82.2	15	1.19	80.6	12.5	0.7	0.7	3.0	1.0	0	Up	1.098	-1.082	-0.021	30.1	27.4	Off
144676	18832	329	308.3	-1944	-0.4	-0.3	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.21	82.2	15	1.19	80.6	12.5	0.5	0.6	2.9	1.1	0	Up	1.091	-1.082	-0.021	30.1	27.4	Off
144677	18804	329	308	-1896	-0.2	0.4	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.21	82.2	15	1.18	80.6	12.5	0.7	0.6	3.3	0.9	0	Up	1.084	-1.082	-0.025	30.1	27.4	Off
144678	18792	328	308.3	-1800	0.1	1.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.22	82.2	15	1.18	80.6	12.5	0.7	0.6	3.6	0.9	0	Up	1.091	-1.082	-0.021	30.1	27.4	Off
144679	18776	327	308.3	-1656	0.3	1.8	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.21	82.2	15	1.19	80.4	12.5	0.6	0.7	3.4	0.9	0	Up	1.070	-1.082	-0.025	30.1	27.3	Off
144680	18768	327	308.3	-1464	0.6	2.1	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.22	82.2	15	1.18	80.4	12.5	0.8	0.6	3.4	0.8	0	Up	1.091	-1.082	-0.023	30.1	27.3	Off
144681	18760	326	308.3	-1296	0.8	2.8	Not Eng	Not Eng	-1997	Not Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.22	82.2	15	1.18	80.6	12.5	0.9	0.7	3.3	0.9	0	Up	1.084	-1.074	-0.023	30.1	27.3	Off
144682	18752	325																															

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144695	18828	311	312.9	456	2.2	10.5	Not Eng	Not Eng	100	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.22	82.2	15	1.19	80.4	12.5	0.7	0.8	3.1	0.6	0	Up	0.921	-1.068	-0.019	29.5	26.4	Off
144696	18836	310	313.2	480	2.0	11.3	Not Eng	Not Eng	100	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82.2	15	1.19	80.4	12.5	0.8	0.8	3.1	0.6	0	Up	0.921	-1.070	-0.019	29.6	26.4	Off
144697	18840	309	313.9	480	1.8	11.6	Not Eng	Not Eng	100	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82	15	1.19	80.2	12.5	0.7	0.7	3.2	0.5	0	Up	0.912	-1.082	-0.017	29.6	26.1	Off
144698	18840	308	314.3	432	1.7	12.3	Not Eng	Not Eng	100	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82	15	1.19	80.2	12.5	0.7	0.8	3.1	0.6	0	Up	0.933	-1.046	-0.017	29.7	26.1	Off
144699	18840	307	315	384	1.5	12.7	Not Eng	Not Eng	100	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82	15	1.19	80.2	12.5	0.9	0.3	2.8	0.8	0	Up	0.928	-1.076	-0.015	29.7	26.1	Off
144700	18836	307	315.3	288	1.3	11.6	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82	15	1.19	80.2	12.5	1.4	0.3	2.7	0.7	0	Up	0.947	-1.044	-0.015	29.8	26.1	Off
144701	18832	306	315.7	240	1.1	10.2	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.23	82.5	16.2	1.19	80.4	13.7	1.3	0.2	2.7	1.1	0	Up	0.963	-1.074	-0.013	29.8	26.1	Off
144702	18828	305	316.4	144	1.1	8.4	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.25	82.5	16.2	1.20	80.4	15	1.4	0.2	2.8	0.9	0	Up	0.958	-1.078	0.000	32.8	26.1	Off
144703	18824	305	316.8	72	1.0	7.0	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.28	83.3	16.2	1.23	81.7	15	1.6	0.4	3.0	0.9	0	Up	0.963	-1.080	0.005	32.8	30.2	Off
144704	18816	304	316.8	-48	1.0	5.6	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	2.0	0.2	3.1	0.9	0	Up	0.967	-1.074	0.007	35.1	30.2	Off
144705	18808	304	317.1	-120	1.0	3.5	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.29	83.4	17.5	1.27	82	15	2.0	0.2	3.1	0.8	0	Up	0.974	-1.070	0.011	35.1	34.8	Off
144706	18804	304	317.1	-192	1.0	1.4	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.29	83.4	17.5	1.28	82	15	1.8	0.8	3.2	0.9	0	Up	0.979	-1.072	0.013	35.6	34.8	Off
144707	18796	305	317.1	-264	1.0	-0.7	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.9	0.8	3.2	0.9	0	Up	0.979	-1.076	0.009	35.6	35.4	Off
144708	18788	304	316.8	-312	1.0	-2.8	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.7	0.8	3.1	0.7	0	Up	0.988	-1.074	0.009	35.8	35.4	Off
144709	18784	304	316.8	-336	1.0	-4.9	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	1.7	0.7	3.1	0.4	0	Up	0.988	-1.080	0.013	35.8	35.6	Off
144710	18776	303	316.4	-360	1.0	-6.6	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	1.4	0.7	2.8	0.5	0	Up	0.983	-1.080	0.013	35.8	35.6	Off
144711	18768	303	316.1	-384	0.8	-8.4	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.5	0.7	2.8	0.4	0	Up	0.953	-1.082	0.013	35.8	35.6	Off
144712	18760	303	315.7	-408	0.8	-10.5	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.5	0.6	2.6	0.4	0	Up	0.974	-1.070	0.013	35.8	35.6	Off
144713	18752	303	315	-432	0.8	-12.3	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	1.2	0.3	2.7	0.4	0	Up	0.967	-1.066	0.015	35.8	35.6	Off
144714	18740	303	314.3	-456	0.6	-13.7	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	1.2	0.5	2.6	0.2	0	Up	0.967	-1.074	0.015	35.8	35.6	Off
144715	18732	303	313.6	-456	0.4	-14.7	Not Eng	Not Eng	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.3	0.4	2.7	0.4	0	Up	0.963	-1.074	0.015	35.8	35.6	Off
144716	18716	303	312.9	-528	0.3	-14.4	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.4	0.4	2.6	0.6	0	Up	0.953	-1.074	0.013	35.8	35.6	Off
144717	18704	303	312.2	-552	0.3	-13.7	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	WARNING	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.4	0.3	2.5	1.1	0	Up	0.958	-1.082	0.013	35.8	35.6	Off
144718	18696	303	311.8	-552	0.3	-10.9	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.4	0.0	2.6	1.7	0	Up	0.999	-1.044	0.015	35.9	35.6	Off
144719	18680	304	311.1	-624	0.8	-7.0	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.2	15	0.6	0.2	2.6	1.9	0	Up	1.121	-1.072	0.021	35.9	35.6	Off
144720	18672	304	311.1	-624	1.3	-2.1	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.2	15	0.9	0.2	3.1	2.1	0	Up	1.153	-1.082	0.023	36.0	35.6	Off
144721	18668	304	311.1	-600	1.1	2.8	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	0.6	0.2	3.2	1.3	0	Up	1.011	-1.060	0.011	36.0	35.3	Off
144722	18660	303	311.5	-600	1.1	6.0	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.28	82.3	15	0.5	0.4	3.2	0.9	0	Up	0.931	-1.082	0.011	36.0	35.3	Off
144723	18656	303	311.8	-576	0.6	7.7	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.7	0.6	3.3	0.4	0	Up	0.869	-1.082	0.009	36.0	35.2	Off
144724	18644	303	312.2	-576	0.8	8.4	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	0.7	0.7	3.1	0.4	0	Up	1.006	-1.082	0.017	36.0	35.2	Off
144725	18636	303	312.5	-576	0.8	8.8	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.2	15	1.0	0.7	2.9	0.5	0	Up	1.011	-1.060	0.015	36.0	35.2	Off
144726	18632	303	312.9	-504	1.1	8.1	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.2	15	0.9	0.4	2.9	0.6	0	Up	1.061	-1.082	0.021	36.0	35.2	Off
144727	18624	303	313.2	-480	1.1	7.4	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.0	0.5	2.8	0.5	0	Up	1.022	-1.074	0.011	36.0	35.1	Off
144728	18616	303	313.6	-480	1.1	6.3	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.28	82.3	15	1.2	0.4	2.7	0.3	0	Up	0.967	-1.072	0.011	36.0	35.1	Off
144729	18608	303	313.9	-432	0.8	4.9	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.27	82.2	15	1.0	0.4	2.6	0.4	0	Up	0.901	-1.082	0.007	36.0	35.1	Off
144730	18592	303	313.9	-480	0.3	3.5	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.27	82.2	15	0.7	0.3	2.6	0.4	0	Up	0.805	-1.082	0.001	35.9	35.1	Off
144731	18576	303	313.9	-552	-0.2	2.8	Not Eng	Engaged	-399	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.27	82	15	0.5	0.2	2.6	0.8	0	Up	0.793	-1.082	0.005	35.9	34.8	Off
144732	18556	303	314.3	-624	-0.2	2.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.27	82	15	1.0	0.1	2.7	0.9	0	Up	0.942	-1.082	0.011	35.9	34.8	Off
144733	18544	303	314.3	-672	0.0	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.27	81.8	15	1.6	0.0	2.7	0.7	0	Up	1.063	-1.082	0.015	35.9	34.6	Off
144734	18524	303	314.3	-720	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.3	17.5	1.26	81.8	15	1.3	0.1	3.1	0.8	0	Up	1.095	-1.082	0.017	35.9	34.6	Off
144735	18508	303	314.3	-768	0.3	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.26	81.8	15	1.7	0.2	3.0	0.9	0	Up	0.988	-1.082	0.009	35.9	34.2	Off
144736	18492	303	313.9	-840	0.1	-1.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.26	81.8	15	1.4	1.0	3.3	0.6	0	Up	0.933	-1.082	0.009	35.9	34.2	Off
144737	18480	303	313.9	-864	-0.2	-1.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.26	81.7	15	0.9	0.9	3.1	0.3	0	Up	0.873	-1.082	0.009	3		

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144751	18288	303	313.2	-720	0.8	2.1	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.9	0.5	2.8	0.2	0	Up	1.011	-1.082	0.013	35.9	34.1	Off
144752	18284	303	313.2	-648	0.8	2.5	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.9	0.4	2.8	0.3	0	Up	1.015	-1.082	0.013	35.9	34.1	Off
144753	18276	303	313.6	-624	1.0	2.8	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.7	0.5	2.8	0.4	0	Up	0.981	-1.082	0.015	35.9	34.1	Off
144754	18268	302	313.6	-600	1.0	3.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.9	0.4	2.8	0.3	0	Up	1.002	-1.082	0.015	35.9	34.1	Off
144755	18260	302	313.6	-600	1.0	3.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.9	0.3	2.7	0.8	0	Up	0.995	-1.082	0.011	35.9	34.1	Off
144756	18252	302	313.9	-552	1.0	3.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	1.2	0.4	2.8	0.5	0	Up	1.006	-1.082	0.011	35.9	34.1	Off
144757	18248	302	313.9	-504	1.0	3.5	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	1.4	0.5	3.2	0.6	0	Up	1.002	-1.082	0.013	35.9	34.0	Off
144758	18244	301	314.3	-480	1.1	3.9	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	1.7	0.8	3.6	0.3	0	Up	0.970	-1.082	0.013	35.8	34.0	Off
144759	18236	301	314.3	-480	1.1	3.9	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	0.7	0.9	3.0	0.3	0	Up	0.986	-1.082	0.013	35.8	34.0	Off
144760	18228	301	314.6	-432	1.1	4.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	0.7	0.5	3.0	0.4	0	Up	1.002	-1.082	0.017	35.8	34.0	Off
144761	18220	301	314.6	-408	1.1	4.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	0.7	0.3	2.7	0.2	0	Up	0.986	-1.082	0.015	35.8	34.0	Off
144762	18224	301	315	-360	1.1	4.6	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	0.7	0.2	2.6	0.2	0	Up	0.974	-1.082	0.013	35.8	34.0	Off
144763	18216	301	315	-360	1.1	4.6	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.8	15	0.6	0.2	2.6	0.3	0	Up	0.965	-1.082	0.011	35.8	34.0	Off
144764	18212	300	315.3	-336	1.1	4.6	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.8	15	0.4	0.2	2.7	0.6	0	Up	0.995	-1.082	0.009	35.8	34.0	Off
144765	18204	300	315.7	-336	1.1	4.9	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.8	15	0.5	0.2	2.8	0.6	0	Up	0.981	-1.082	0.015	35.8	34.0	Off
144766	18196	300	315.7	-336	1.1	4.6	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.30	83.4	17.5	1.26	81.8	15	1.2	0.1	3.3	0.7	0	Up	0.949	-1.082	0.011	35.8	34.0	Off
144767	18188	299	316.1	-360	0.6	4.9	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.8	15	1.2	0.2	3.1	0.7	0	Up	0.816	-1.082	0.005	35.8	34.0	Off
144768	18176	299	316.1	-408	0.4	4.6	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.8	15	1.2	0.8	3.3	0.6	0	Up	0.873	-1.082	0.011	35.8	34.0	Off
144769	18160	299	316.4	-456	0.1	3.9	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	1.4	0.5	3.0	0.5	0	Up	0.883	-1.082	0.011	35.8	34.0	Off
144770	18140	299	316.4	-528	0.0	3.2	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	1.2	0.5	2.8	0.6	0	Up	0.894	-1.082	0.009	35.8	34.0	Off
144771	18120	299	316.8	-600	-0.2	2.5	Not Eng	Not Eng	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.9	0.5	2.8	0.3	0	Up	0.899	-1.082	0.009	35.8	34.0	Off
144772	18100	300	316.8	-744	-0.4	1.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.7	0.3	2.6	0.2	0	Up	0.917	-1.082	0.007	35.8	34.0	Off
144773	18080	300	316.8	-816	-0.4	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	1.7	0.1	2.6	1.1	0	Up	0.951	-1.082	0.013	35.8	34.0	Off
144774	18060	301	316.8	-912	-0.2	-3.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.26	81.7	15	2.2	0.2	3.2	0.8	0	Up	1.038	-1.082	0.017	35.9	34.0	Off
144775	18036	301	316.4	-1008	0.1	-8.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	2.8	0.4	3.1	0.9	0	Up	1.105	-1.082	0.023	35.9	34.1	Off
144776	18028	301	315.7	-1008	0.4	-10.9	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	1.9	0.9	3.1	0.9	0	Up	1.137	-1.082	0.023	35.9	34.1	Off
144777	18012	301	315.3	-1056	0.3	-12.6	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	1.0	0.9	3.2	0.4	0	Up	0.992	-1.082	0.013	35.9	34.1	Off
144778	17996	301	314.6	-1080	0.3	-13.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	1.0	0.8	3.0	0.0	0	Up	0.967	-1.082	0.009	35.9	34.1	Off
144779	17976	301	313.9	-1104	-0.2	-12.6	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.8	15	0.7	0.3	2.6	0.4	0	Up	0.896	-1.082	0.005	35.9	34.1	Off
144780	17960	301	313.2	-1080	0.0	-11.2	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.8	15	0.4	0.5	2.6	0.6	0	Up	0.983	-1.082	0.011	36.0	34.1	Off
144781	17944	302	312.5	-1056	0.1	-10.5	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.26	81.7	15	0.4	0.3	2.6	0.4	0	Up	1.038	-1.082	0.019	36.0	34.2	Off
144782	17928	302	312.2	-1032	0.3	-9.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.2	0.3	2.8	0.8	0	Up	1.070	-1.082	0.019	36.0	34.2	Off
144783	17912	302	311.8	-1008	0.3	-8.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	0.5	0.2	3.2	0.7	0	Up	1.029	-1.082	0.017	36.0	34.2	Off
144784	17896	302	311.5	-983	0.3	-7.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	1.0	0.8	3.2	0.6	0	Up	0.988	-1.082	0.013	36.0	34.2	Off
144785	17880	302	311.1	-936	0.1	-5.9	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	1.0	0.6	3.0	0.5	0	Up	0.958	-1.082	0.011	36.0	34.2	Off
144786	17864	302	310.8	-983	0.1	-4.9	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	0.9	0.7	2.8	0.2	0	Up	0.942	-1.082	0.009	36.2	34.2	Off
144787	17848	302	310.8	-983	0.0	-3.8	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.9	2.8	0.0	0	Up	0.951	-1.082	0.013	36.2	34.2	Off
144788	17828	302	310.4	-1008	0.0	-3.5	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.5	2.6	0.1	0	Up	0.972	-1.082	0.013	36.2	34.2	Off
144789	17816	303	310.4	-960	0.0	-2.8	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	0.7	0.2	2.6	0.2	0	Up	0.990	-1.082	0.011	36.2	34.2	Off
144790	17796	302	310.1	-983	0.1	-2.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	0.7	0.1	2.6	0.5	0	Up	1.002	-1.082	0.011	36.2	34.2	Off
144791	17780	303	310.1	-983	0.3	-2.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.3	3.2	0.4	0	Up	1.002	-1.082	0.013	36.2	34.4	Off
144792	17760	303	310.1	-1008	0.3	-1.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.8	3.2	0.6	0	Up	1.002	-1.082	0.015	36.2	34.4	Off
144793	17744	303	309.7	-1008	0.1	-1.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.7	3.2	0.4	0	Up	0.949	-1				

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144807	17504	304	309	-1032	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.7	0.5	3.3	0.6	0	Up	1.022	-1.082	0.011	36.5	34.5	Off
144808	17492	304	309	-983	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	1.0	2.8	0.3	0	Up	1.011	-1.082	0.015	36.5	34.5	Off
144809	17472	304	309	-1032	0.1	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.4	2.7	0.2	0	Up	0.960	-1.068	0.009	36.5	34.5	Off
144810	17460	304	309	-983	0.1	1.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.4	2.7	0.5	0	Up	0.981	-1.070	0.009	36.5	34.5	Off
144811	17440	304	309	-1008	0.1	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.2	2.6	0.4	0	Up	0.965	-1.082	0.015	36.5	34.5	Off
144812	17420	304	309.4	-1032	0.0	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.5	0.4	2.8	0.9	0	Up	0.960	-1.054	0.011	36.5	34.5	Off
144813	17408	304	309.4	-983	0.0	1.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	1.4	0.2	2.9	1.1	0	Up	0.976	-1.074	0.013	36.5	34.5	Off
144814	17392	304	309.4	-1008	0.1	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	1.5	0.8	3.4	0.3	0	Up	0.981	-1.082	0.015	36.5	34.5	Off
144815	17372	304	309.7	-1032	0.3	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.9	2.8	0.2	0	Up	1.034	-1.082	0.011	36.5	34.5	Off
144816	17360	304	309.7	-1008	0.3	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.8	0.7	2.8	0.2	0	Up	0.979	-1.066	0.013	36.6	34.5	Off
144817	17340	304	309.7	-983	0.3	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.5	2.7	0.4	0	Up	0.979	-1.082	0.015	36.6	34.5	Off
144818	17324	304	309.7	-1008	0.1	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.5	2.6	0.6	0	Up	0.947	-1.064	0.011	36.6	34.5	Off
144819	17304	304	309.7	-1008	0.1	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.2	2.7	0.6	0	Up	0.963	-1.082	0.013	36.6	34.5	Off
144820	17292	304	309.7	-1008	0.1	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	16.2	1.25	81.5	15	0.8	0.2	3.1	0.4	0	Up	0.972	-1.080	0.007	36.6	34.5	Off
144821	17276	304	310.1	-983	0.0	1.1	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.3	0.9	3.1	0.8	0	Up	0.967	-1.082	0.009	36.6	34.6	Off
144822	17260	304	310.1	-960	0.0	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.1	0.6	2.9	0.4	0	Up	0.983	-1.082	0.015	36.6	34.6	Off
144823	17240	304	310.1	-1008	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	0.8	0.4	2.6	0.2	0	Up	1.018	-1.068	0.007	36.6	34.6	Off
144824	17224	304	310.1	-1008	0.1	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	0.9	0.4	2.6	0.4	0	Up	1.008	-1.080	0.013	36.8	34.6	Off
144825	17208	304	310.4	-983	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.8	0.2	2.6	0.9	0	Up	1.008	-1.082	0.011	36.8	34.6	Off
144826	17188	304	310.4	-1032	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.2	0.2	2.8	0.8	0	Up	0.983	-1.066	0.013	36.8	34.6	Off
144827	17180	304	310.4	-960	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.0	0.8	3.2	0.6	0	Up	0.942	-1.070	0.007	36.8	34.6	Off
144828	17164	303	310.4	-960	0.0	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.6	3.0	0.5	0	Up	0.951	-1.070	0.011	36.8	34.6	Off
144829	17148	303	310.4	-936	0.0	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	1.0	0.5	2.8	0.5	0	Up	0.951	-1.076	0.005	36.8	34.7	Off
144830	17128	304	310.4	-983	0.0	0.7	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.5	15	0.7	0.5	2.8	0.2	0	Up	0.963	-1.076	0.005	36.8	34.7	Off
144831	17104	304	310.4	-1032	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.2	2.6	0.3	0	Up	0.983	-1.048	0.011	36.8	34.7	Off
144832	17092	304	310.4	-1008	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.3	2.7	0.9	0	Up	1.011	-1.062	0.011	36.9	34.7	Off
144833	17072	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.0	0.2	3.0	0.8	0	Up	1.002	-1.056	0.015	36.9	34.7	Off
144834	17060	303	310.4	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.7	3.0	0.5	0	Up	0.986	-1.082	0.015	36.9	34.7	Off
144835	17044	303	310.4	-983	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.6	3.1	0.4	0	Up	0.960	-1.054	0.007	36.9	34.7	Off
144836	17028	303	310.4	-960	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.4	2.8	0.3	0	Up	0.949	-1.082	0.005	36.9	34.7	Off
144837	17012	303	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.3	0.4	2.7	0.1	0	Up	0.960	-1.076	0.013	36.9	34.7	Off
144838	16992	303	310.4	-1032	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.4	0.2	2.7	0.4	0	Up	0.944	-1.082	0.015	36.9	34.7	Off
144839	16972	303	310.4	-1056	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.2	0.2	3.0	0.8	0	Up	0.960	-1.064	0.007	36.9	34.7	Off
144840	16960	303	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	16.2	1.25	81.7	15	0.7	0.8	3.0	0.5	0	Up	1.006	-1.080	0.017	36.9	34.7	Off
144841	16940	303	310.4	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.5	2.8	0.4	0	Up	1.024	-1.068	0.011	36.9	34.8	Off
144842	16924	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.4	2.7	0.3	0	Up	1.013	-1.082	0.015	36.9	34.8	Off
144843	16908	303	310.4	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.4	0.2	2.6	0.2	0	Up	1.004	-1.082	0.013	36.9	34.8	Off
144844	16896	303	310.4	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.4	0.2	2.7	0.4	0	Up	0.953	-1.076	0.015	36.9	34.8	Off
144845	16880	303	310.8	-983	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.1	0.0	3.2	0.6	0	Up	0.947	-1.082	0.013	36.9	34.8	Off
144846	16860	303	310.8	-1008	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.0	0.9	3.2	0.5	0	Up	0.974	-1.076	0.011	36.9	34.8	Off
144847	16844	303	310.8	-1008	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.7	3.0	0.2	0	Up	0.947	-1.082	0.007	36.9	34.8	Off
144848	16820	303	310.8	-1032	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.4	2.6	0.3	0	Up	0.947	-1.078	0.011	36.9	34.8	Off
144849	16808	303	310.8	-983	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.5	0.1	2.5	0.4	0	Up	0.988	-1				

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144863	16576	303	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.0	1.0	3.2	0.6	0	Up	0.956	-1.082	0.009	36.9	35.1	Off
144864	16556	303	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.8	3.0	0.1	0	Up	0.944	-1.066	0.009	36.9	35.1	Off
144865	16536	303	310.8	-1056	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.2	0.6	2.8	0.5	0	Up	0.960	-1.066	0.009	36.9	35.1	Off
144866	16524	303	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.2	2.4	0.4	0	Up	1.006	-1.068	0.011	36.9	35.1	Off
144867	16504	303	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.4	0.5	2.7	0.7	0	Up	1.061	-1.074	0.015	36.9	35.1	Off
144868	16492	303	310.8	-983	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.3	0.5	3.1	1.1	0	Up	1.015	-1.080	0.017	37.0	35.1	Off
144869	16476	303	310.8	-983	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	0.9	0.7	3.0	0.7	0	Up	0.970	-1.082	0.009	37.0	35.1	Off
144870	16460	303	310.8	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.4	17.5	1.25	81.7	15	0.9	0.4	2.8	0.4	0	Up	0.935	-1.070	0.007	37.0	35.1	Off
144871	16444	303	310.8	-1008	0.0	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.9	0.5	2.7	0.5	0	Up	0.908	-1.082	0.009	37.0	35.1	Off
144872	16420	303	310.8	-1056	0.0	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.5	2.7	0.7	0	Up	0.928	-1.082	0.009	37.0	35.1	Off
144873	16404	303	310.8	-1032	0.0	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.1	0.4	2.8	0.8	0	Up	0.995	-1.082	0.013	37.0	35.1	Off
144874	16392	303	310.8	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.5	0.6	3.3	0.5	0	Up	0.995	-1.082	0.017	37.0	35.1	Off
144875	24560	303	310.8	48144	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.5	15	0.6	0.5	2.9	0.4	0	Up	1.020	-1.082	0.013	37.0	35.2	Off
144876	16356	303	310.8	-1008	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.5	15	0.7	0.4	2.8	0.4	0	Up	0.990	-1.082	0.013	37.0	35.2	Off
144877	16340	302	310.8	-983	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.4	2.6	0.5	0	Up	0.944	-1.082	0.013	37.0	35.2	Off
144878	16324	302	310.8	-1008	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	1.0	0.2	2.7	0.8	0	Up	0.970	-1.082	0.011	37.0	35.2	Off
144879	16308	302	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.4	0.5	3.1	0.8	0	Up	0.974	-1.082	0.011	37.0	35.2	Off
144880	16288	302	310.8	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.5	2.8	0.4	0	Up	0.944	-1.082	0.011	37.0	35.2	Off
144881	16272	302	310.8	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.2	2.6	0.4	0	Up	1.006	-1.082	0.013	37.0	35.2	Off
144882	16252	303	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.3	0.1	2.5	0.3	0	Up	1.006	-1.082	0.015	37.0	35.2	Off
144883	16240	303	310.4	-983	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.6	0.0	2.7	0.7	0	Up	1.015	-1.082	0.015	37.0	35.2	Off
144884	16224	303	310.4	-1008	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.8	2.9	0.7	0	Up	1.015	-1.082	0.017	37.0	35.2	Off
144885	16204	303	310.4	-50136	0.3	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.7	0.5	2.8	0.2	0	Up	0.965	-1.082	0.017	37.0	35.2	Off
144886	16188	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.5	0.4	2.8	0.3	0	Up	0.935	-1.082	0.005	37.0	35.2	Off
144887	16168	303	310.4	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.7	15	0.5	0.0	2.5	0.5	0	Up	0.944	-1.082	0.013	37.0	35.2	Off
144888	16152	303	310.4	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.7	15	0.4	-0.1	2.7	0.9	0	Up	0.949	-1.082	0.015	37.0	35.2	Off
144889	16140	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.5	15	1.2	0.6	3.1	0.8	0	Up	1.011	-1.082	0.011	37.0	35.2	Off
144890	16120	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.5	15	1.0	0.4	2.8	0.6	0	Up	1.020	-1.082	0.011	36.9	35.2	Off
144891	16104	303	310.4	-1008	0.3	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.5	0.4	2.7	0.4	0	Up	1.020	-1.082	0.011	36.9	35.2	Off
144892	16084	303	310.4	-1008	0.1	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.4	0.0	2.6	0.8	0	Up	0.965	-1.082	0.009	36.9	35.2	Off
144893	16072	303	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.4	-0.3	3.1	0.6	0	Up	0.951	-1.082	0.013	36.9	35.2	Off
144894	16052	304	310.4	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.9	0.1	3.0	0.5	0	Up	0.933	-1.082	0.003	36.9	35.2	Off
144895	16036	304	310.4	-1008	-0.2	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	1.1	0.4	3.0	0.6	0	Up	0.951	-1.082	0.013	36.9	35.2	Off
144896	16016	304	310.4	-1032	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.5	15	0.7	0.2	2.6	0.3	0	Up	1.013	-1.082	0.017	36.9	35.2	Off
144897	16000	304	310.4	-1008	0.1	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.4	0.0	2.5	0.3	0	Up	1.004	-1.082	0.015	36.9	35.2	Off
144898	15984	304	310.4	-1008	0.3	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.4	-0.2	3.1	0.9	0	Up	1.008	-1.082	0.007	36.9	35.2	Off
144899	15968	304	310.4	-1032	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.4	15	1.2	0.6	3.0	0.6	0	Up	0.999	-1.082	0.007	36.9	35.2	Off
144900	15952	304	310.4	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.4	15	0.9	0.4	2.8	0.5	0	Up	0.942	-1.082	0.009	36.9	35.2	Off
144901	15936	304	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.3	17.5	1.25	81.7	15	0.8	0.2	2.6	0.4	0	Up	0.951	-1.082	0.011	36.9	35.2	Off
144902	15920	304	310.4	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.25	81.7	15	0.7	0.0	2.5	0.4	0	Up	0.960	-1.082	0.003	36.9	35.2	Off
144903	15900	304	310.4	-1032	0.0	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.24	81.4	15	0.5	-0.3	3.1	0.6	0	Up	0.974	-1.082	0.013	36.9	35.2	Off
144904	15884	304	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.29	83.1	17.5	1.25	81.4	15	0.9	0.6	3.2	0.5	0	Up	1.006	-1.082	0.007	36.9	35.2	Off
144905	15872	304	310.4	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.8	0.5	2.7	0.2	0							

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144919	15640	304	310.8	-983	-0.2	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.6	0.4	3.0	0.6	0	Up	0.983	-1.082	0.009	37.0	35.3	Off
144920	15616	304	310.8	-1056	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.6	0.2	2.7	0.4	0	Up	1.029	-1.082	0.015	37.1	35.3	Off
144921	15604	304	310.8	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.6	0.1	2.7	0.9	0	Up	0.992	-1.082	0.011	37.1	35.3	Off
144922	15588	304	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.9	0.1	2.9	0.7	0	Up	0.999	-1.082	0.011	37.1	35.3	Off
144923	15572	304	310.8	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.5	0.5	3.0	0.5	0	Up	0.979	-1.082	0.009	37.1	35.3	Off
144924	15560	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.4	0.1	2.8	0.4	0	Up	0.953	-1.082	0.007	37.1	35.3	Off
144925	15540	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.7	0.1	2.7	0.4	0	Up	0.942	-1.082	0.013	37.1	35.3	Off
144926	15520	304	310.8	-1008	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.7	0.1	2.6	1.1	0	Up	0.963	-1.082	0.013	37.1	35.3	Off
144927	15508	304	310.8	-983	-0.2	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.8	-0.1	2.8	0.6	0	Up	0.967	-1.082	0.009	37.1	35.3	Off
144928	15484	304	310.8	-1032	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.5	0.3	2.7	0.4	0	Up	0.988	-1.082	0.009	37.1	35.3	Off
144929	15472	304	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.4	0.1	2.7	0.4	0	Up	1.013	-1.082	0.013	37.1	35.3	Off
144930	15456	304	310.8	-960	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.4	0.0	2.6	0.4	0	Up	0.992	-1.082	0.011	37.1	35.3	Off
144931	15444	304	310.8	-960	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.6	-0.3	2.7	0.8	0	Up	0.983	-1.076	0.013	37.1	35.3	Off
144932	15424	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.8	0.5	3.0	0.4	0	Up	0.953	-1.068	0.009	37.1	35.3	Off
144933	15404	304	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.4	0.1	2.7	0.4	0	Up	0.942	-1.070	0.009	37.1	35.3	Off
144934	15392	304	310.8	-1008	-0.2	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.4	0.1	2.6	0.4	0	Up	0.953	-1.076	0.011	37.1	35.3	Off
144935	15372	304	310.8	-1008	-0.2	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.4	-0.2	2.6	0.6	0	Up	0.958	-1.082	0.011	37.1	35.3	Off
144936	15356	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.8	-0.1	2.8	0.5	0	Up	0.999	-1.082	0.015	37.1	35.3	Off
144937	15336	304	310.8	-1032	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.7	0.2	2.8	0.5	0	Up	0.992	-1.080	0.013	37.1	35.3	Off
144938	15324	304	310.8	-960	0.1	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.4	0.0	2.5	0.2	0	Up	1.008	-1.078	0.013	37.1	35.3	Off
144939	15304	304	310.8	-1008	0.1	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.3	-0.2	2.6	0.3	0	Up	0.972	-1.060	0.009	37.1	35.3	Off
144940	15292	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	1.0	-0.3	3.1	0.9	0	Up	0.951	-1.082	0.005	37.1	35.3	Off
144941	15276	304	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.8	0.6	3.0	0.5	0	Up	0.958	-1.082	0.005	37.1	35.3	Off
144942	15256	304	310.8	-1008	0.0	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	0.7	0.2	2.7	0.4	0	Up	0.942	-1.054	0.007	37.1	35.3	Off
144943	15236	304	310.8	-1008	-0.2	0.4	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.4	0.0	2.5	0.2	0	Up	0.951	-1.064	0.011	37.1	35.3	Off
144944	15220	304	310.8	-1032	-0.2	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	1.1	-0.3	2.6	0.8	0	Up	0.972	-1.082	0.005	37.1	35.3	Off
144945	15208	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	1.1	0.5	2.8	0.6	0	Up	1.013	-1.082	0.007	37.1	35.3	Off
144946	15188	303	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.4	15	1.0	0.2	2.8	0.4	0	Up	1.004	-1.082	0.011	37.1	35.3	Off
144947	15168	304	310.8	-1008	0.1	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.5	0.0	2.5	0.3	0	Up	1.008	-1.072	0.005	37.1	35.3	Off
144948	15156	304	310.8	-1008	0.1	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.3	17.5	1.24	81.5	15	0.3	-0.4	2.5	0.8	0	Up	0.951	-1.070	0.011	37.1	35.3	Off
144949	15140	304	310.4	-983	0.0	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.9	-0.3	3.1	0.8	0	Up	0.951	-1.082	0.003	37.1	35.3	Off
144950	15124	304	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.28	83.1	17.5	1.24	81.5	15	0.6	0.3	3.0	0.5	0	Up	0.979	-1.072	0.003	35.2	35.3	Off
144951	15104	304	310.8	-1032	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.27	83	17.5	1.23	81.4	15	0.7	0.1	2.7	0.3	0	Up	0.951	-1.074	0.005	35.2	35.0	Off
144952	15088	304	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.27	83	17.5	1.23	81.4	15	0.5	0.0	2.5	0.8	0	Up	0.967	-1.054	0.007	41.4	35.0	Off
144953	15072	304	310.8	-983	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.8	-0.2	3.0	0.9	0	Up	0.999	-1.082	-0.002	41.4	44.4	Off
144954	15052	304	310.8	-1008	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.9	0.1	3.0	0.7	0	Up	0.983	-1.058	0.003	42.1	44.4	Off
144955	15036	304	310.8	-1032	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.9	15	0.9	0.0	2.7	0.4	0	Up	1.013	-1.056	0.005	42.1	44.9	Off
144956	15020	304	310.8	-1008	0.3	-0.3	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.9	15	0.4	-0.1	2.5	0.6	0	Up	0.979	-1.078	0.000	42.0	44.9	Off
144957	15004	304	310.8	-983	0.1	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.8	-0.4	3.2	0.8	0	Up	0.926	-1.066	0.000	42.0	43.0	Off
144958	14988	304	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.8	0.2	3.1	0.6	0	Up	0.967	-1.082	-0.002	42.0	43.0	Off
144959	14972	304	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	0.0	2.7	0.3	0	Up	0.963	-1.082	-0.002	42.0	43.0	Off
144960	14956	303	310.8	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.6	-0.2	2.6	0.2	0	Up	0.947	-1.082	0.000	41.9	43.0	Off
144961	14936	303	310.4	-1008	0.0	0.0	Not Eng	Engaged	-998	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.6	15	0.5	-0.2	2.7	0.9	0	Up	0.					

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
144975	14736	300	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.6	15	0.5	0.1	2.8	0.4	0	Up	0.992	-1.082	0.007	42.0	43.0	Off
144976	14728	300	310.4	-744	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.6	15	0.6	-0.2	2.6	0.4	0	Up	0.958	-1.082	0.005	42.0	43.0	Off
144977	14716	300	310.4	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.4	2.6	0.9	0	Up	0.942	-1.082	0.001	42.0	43.0	Off
144978	14700	299	310.4	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.9	-0.2	3.0	0.9	0	Up	0.967	-1.082	0.001	42.0	43.0	Off
144979	14688	299	310.4	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.6	15	0.4	0.2	2.8	0.3	0	Up	0.967	-1.082	0.003	42.0	43.0	Off
144980	14676	299	310.4	-744	0.1	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.6	15	0.2	-0.2	2.5	0.6	0	Up	0.958	-1.082	0.003	42.0	43.0	Off
144981	14656	299	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.4	3.0	0.9	0	Up	0.997	-1.082	0.005	42.0	43.0	Off
144982	14644	298	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.9	0.2	3.1	0.6	0	Up	0.997	-1.082	0.009	42.0	43.0	Off
144983	14632	298	310.4	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.5	0.0	2.6	0.3	0	Up	0.992	-1.082	0.007	42.0	43.0	Off
144984	14620	298	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.3	-0.4	2.5	0.4	0	Up	0.967	-1.082	0.005	42.0	43.0	Off
144985	14608	298	310.4	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.6	3.1	0.9	0	Up	0.931	-1.082	0.005	42.0	43.0	Off
144986	14592	298	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.9	0.2	3.1	0.4	0	Up	0.942	-1.082	0.003	42.0	43.0	Off
144987	14584	298	310.4	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.6	17.5	1.21	80.6	15	0.5	0.0	2.6	0.2	0	Up	0.963	-1.082	0.003	42.0	42.8	Off
144988	14564	298	310.4	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.6	17.5	1.21	80.6	15	0.3	-0.4	2.4	0.4	0	Up	0.981	-1.082	0.007	42.0	42.8	Off
144989	14552	298	310.4	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.5	-0.7	3.1	0.6	0	Up	0.986	-1.082	0.009	42.0	42.8	Off
144990	14540	298	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.9	0.2	2.8	0.4	0	Up	1.015	-1.082	0.011	42.0	42.8	Off
144991	14524	298	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.7	15	0.7	-0.1	2.6	0.4	0	Up	1.015	-1.082	0.009	42.0	42.8	Off
144992	14508	298	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.7	15	0.4	-0.3	2.6	0.9	0	Up	0.990	-1.082	0.007	42.0	42.8	Off
144993	14500	298	310.4	-792	0.4	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.5	-0.5	3.2	0.9	0	Up	0.970	-1.082	0.007	42.0	42.8	Off
144994	14484	298	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.9	0.0	2.8	0.5	0	Up	0.935	-1.082	0.000	42.0	42.8	Off
144995	14472	298	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.7	-0.1	2.6	0.2	0	Up	0.949	-1.082	0.005	42.0	42.8	Off
144996	14456	297	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.6	2.5	0.9	0	Up	0.976	-1.082	0.003	42.0	42.8	Off
144997	14440	297	310.4	-864	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.9	15	0.8	0.1	3.2	0.9	0	Up	0.963	-1.082	0.003	42.0	42.8	Off
144998	14428	298	310.4	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.9	15	0.7	-0.2	2.8	0.6	0	Up	1.004	-1.082	0.001	41.9	42.8	Off
144999	14412	298	310.4	-840	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.5	-0.3	2.6	0.4	0	Up	1.008	-1.082	0.009	41.9	42.8	Off
145000	14404	298	310.4	-816	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.3	-0.7	2.6	0.9	0	Up	0.983	-1.082	0.007	41.9	42.8	Off
145001	14388	298	310.4	-816	0.6	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.6	15	0.7	0.0	2.9	0.8	0	Up	0.988	-1.082	0.003	41.9	42.8	Off
145002	14372	298	310.4	-816	0.4	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.6	15	0.6	0.0	2.8	0.4	0	Up	0.942	-1.082	0.001	41.9	42.8	Off
145003	14364	297	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Caution	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.6	15	0.4	-0.4	2.6	0.3	0	Up	0.933	-1.082	0.003	41.9	42.8	Off
145004	14348	297	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.6	15	0.4	-0.6	2.8	0.6	0	Up	0.958	-1.082	0.001	41.9	42.8	Off
145005	14336	297	310.4	-816	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.7	-0.3	3.0	0.9	0	Up	0.967	-1.082	0.005	41.9	42.8	Off
145006	14320	296	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.5	-0.3	2.7	0.5	0	Up	0.999	-1.082	0.005	41.9	42.8	Off
145007	14308	296	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.6	15	0.1	-0.6	2.5	0.8	0	Up	1.018	-1.082	0.007	41.9	42.8	Off
145008	14292	296	310.4	-816	0.6	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.6	17.5	1.21	80.6	15	0.4	-0.7	3.1	0.6	0	Up	1.004	-1.082	0.001	41.9	42.8	Off
145009	14280	296	310.4	-792	0.6	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.7	-0.2	2.8	0.7	0	Up	1.004	-1.082	0.001	41.9	42.8	Off
145010	14260	296	310.4	-864	0.6	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.4	2.7	0.5	0	Up	0.963	-1.082	0.003	41.9	42.8	Off
145011	14256	296	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Above 9.8	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.6	2.7	1.0	0	Up	0.937	-1.082	-0.002	41.9	42.8	Off
145012	14240	296	310.4	-792	0.4	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	1.2	-0.3	3.3	0.7	0	Up	0.963	-1.082	0.005	41.9	42.8	Off
145013	14224	296	310.4	-840	0.4	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.5	-0.4	2.7	0.6	0	Up	0.967	-1.082	0.005	41.9	42.8	Off
145014	14212	296	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.6	2.6	0.7	0	Up	0.983	-1.082	0.007	41.9	42.8	Off
145015	14196	296	310.4	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.6	-0.7	2.8	0.8	0	Up	0.999	-1.082	0.005	41.9	42.8	Off
145016	14184	296	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	1.2	0.0	2.9	0.6	0	Up	0.979	-1.082	0.000	41.9	42.8	Off
145017	14172	295	310.4	-816	0.6	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.2	-0.5	2.5	0.4	0	Up	0.983	-1.082	0.003	41.9	42.8	

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
145031	13980	295	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.6	17.5	1.21	80.6	15	0.5	-0.3	2.8	0.4	0	Up	0.963	-1.058	0.001	42.1	42.7	Off
145032	13964	294	310.8	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.6	17.5	1.21	80.6	15	0.4	-0.6	2.5	0.4	0	Up	0.963	-1.078	0.003	42.0	42.7	Off
145033	13956	295	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.2	-0.9	2.6	0.8	0	Up	0.979	-1.074	0.003	42.0	42.7	Off
145034	13948	294	310.8	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.7	0.0	3.1	0.6	0	Up	0.979	-1.082	0.003	42.0	42.7	Off
145035	13932	294	310.8	-768	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.3	-0.3	2.7	0.2	0	Up	0.988	-1.082	0.003	42.0	42.7	Off
145036	13920	294	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.2	-0.8	2.3	0.5	0	Up	0.983	-1.066	0.003	42.0	42.7	Off
145037	13900	294	310.8	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.9	-0.7	3.1	0.7	0	Up	0.979	-1.056	0.003	42.0	42.7	Off
145038	13892	294	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.6	-0.3	2.7	0.5	0	Up	0.947	-1.064	0.001	42.0	42.7	Off
145039	13880	294	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.4	2.5	0.8	0	Up	0.942	-1.060	-0.002	42.0	42.7	Off
145040	13868	294	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.9	2.6	0.7	0	Up	0.947	-1.082	0.003	42.0	42.7	Off
145041	13852	294	310.8	-768	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.7	15	0.7	0.0	3.0	0.7	0	Up	0.974	-1.064	-0.002	42.0	42.7	Off
145042	13840	294	310.8	-744	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.7	15	0.6	-0.3	2.6	0.3	0	Up	0.979	-1.082	0.001	42.0	42.7	Off
145043	13820	294	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.2	-0.6	2.6	0.4	0	Up	0.988	-1.080	0.000	42.0	42.7	Off
145044	13808	294	310.8	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.6	15	0.6	-0.2	3.1	0.7	0	Up	0.967	-1.066	0.001	42.0	42.7	Off
145045	13792	294	310.8	-840	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.2	2.8	0.5	0	Up	0.983	-1.064	0.005	42.0	42.7	Off
145046	13784	293	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.7	2.5	0.4	0	Up	0.999	-1.076	-0.002	41.9	42.7	Off
145047	13768	294	310.4	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.7	-0.7	3.2	0.7	0	Up	0.988	-1.082	-0.002	41.9	42.7	Off
145048	13764	293	310.4	-768	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.26	82.8	17.5	1.21	80.7	15	0.4	-0.3	2.9	0.5	0	Up	0.988	-1.082	-0.002	41.9	42.7	Off
145049	13740	293	310.4	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.4	2.6	0.4	0	Up	0.970	-1.082	0.000	41.9	42.7	Off
145050	13732	293	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.2	-0.8	2.5	0.9	0	Up	0.974	-1.082	0.000	41.9	42.7	Off
145051	13716	293	310.8	-816	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.5	-0.2	3.2	0.7	0	Up	0.956	-1.064	-0.002	41.9	42.8	Off
145052	13704	294	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.5	2.6	0.4	0	Up	0.949	-1.052	-0.002	41.9	42.8	Off
145053	13692	294	310.8	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.1	-0.7	2.4	0.4	0	Up	0.981	-1.068	-0.002	41.9	42.8	Off
145054	13676	294	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.7	-0.8	3.1	0.9	0	Up	0.970	-1.072	0.000	41.9	42.8	Off
145055	13660	294	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.4	-0.3	2.8	0.6	0	Up	1.011	-1.078	0.003	41.9	42.8	Off
145056	13648	294	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.2	-0.7	2.6	0.4	0	Up	0.990	-1.072	-0.002	41.9	42.8	Off
145057	13632	294	310.8	-816	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.7	-0.7	2.9	0.9	0	Up	0.990	-1.082	0.005	41.9	42.8	Off
145058	13624	294	310.8	-840	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	1.4	-0.1	2.9	0.6	0	Up	1.002	-1.080	-0.002	41.9	42.8	Off
145059	13608	294	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.3	-0.7	2.7	0.4	0	Up	0.974	-1.064	0.000	41.9	42.8	Off
145060	13600	294	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.7	15	0.3	-0.7	2.7	0.9	0	Up	0.974	-1.076	0.000	41.9	42.8	Off
145061	13584	294	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	1.1	-0.4	3.3	0.7	0	Up	0.970	-1.070	0.001	41.9	42.8	Off
145062	13568	294	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.2	-0.7	2.7	0.6	0	Up	0.965	-1.074	-0.002	41.9	42.8	Off
145063	13556	293	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.2	-0.8	2.6	0.6	0	Up	0.965	-1.072	0.001	41.9	42.8	Off
145064	13540	293	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.5	-0.7	3.1	1.1	0	Up	0.986	-1.078	0.003	41.9	42.8	Off
145065	13528	294	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.3	0.0	2.8	0.5	0	Up	1.006	-1.068	0.001	41.9	42.8	Off
145066	13516	293	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.2	-0.7	2.6	0.6	0	Up	1.015	-1.068	0.005	41.9	42.8	Off
145067	13504	293	310.8	-768	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.7	15	0.4	-0.9	2.8	1.0	0	Up	1.020	-1.082	0.003	41.9	42.8	Off
145068	13484	293	311.1	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.7	15	0.2	-0.3	2.7	0.4	0	Up	1.015	-1.082	0.001	41.9	42.8	Off
145069	13476	293	311.1	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.2	-0.8	2.6	0.4	0	Up	0.981	-1.082	-0.002	41.9	42.8	Off
145070	13464	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.6	15	0.0	-1.0	2.5	0.9	0	Up	0.940	-1.082	0.001	41.9	42.8	Off
145071	13448	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.7	15	0.4	-0.2	3.0	0.5	0	Up	0.974	-1.082	0.000	41.9	42.8	Off
145072	13436	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.21	80.7	15	0.2	-0.6	2.6	0.3	0	Up	0.960	-1.082	0.000	41.9	42.8	Off
145073	13424	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.21	80.6	15	0.1	-1.0	2.3	0.9	0	Up	0.986	-1.082	0.000	41.9	42.8	Off
145074	13408	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8																

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
145087	13236	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.7	-0.2	2.9	0.6	0	Up	0.986	-1.082	0.001	41.9	42.8	Off
145088	13224	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.7	-0.8	2.5	0.4	0	Up	0.956	-1.082	0.001	41.9	42.8	Off
145089	13208	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.6	15	0.1	-0.8	2.5	0.9	0	Up	0.970	-1.082	-0.002	41.9	42.8	Off
145090	13196	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.6	15	0.8	-0.2	3.0	0.9	0	Up	0.965	-1.082	0.001	41.9	42.8	Off
145091	13184	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.2	-0.4	2.7	0.3	0	Up	0.990	-1.082	0.003	41.9	42.8	Off
145092	13168	293	311.1	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.3	-0.7	2.5	0.9	0	Up	0.983	-1.082	0.003	41.9	42.8	Off
145093	13156	293	311.1	-768	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.8	-0.3	3.2	0.7	0	Up	1.008	-1.082	0.000	41.9	42.8	Off
145094	13140	293	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.7	-0.6	2.6	0.4	0	Up	0.988	-1.082	0.001	41.9	42.8	Off
145095	13132	293	310.8	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.2	-0.7	2.5	0.6	0	Up	0.979	-1.082	0.000	41.9	42.8	Off
145096	13116	293	310.8	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.7	15	0.8	-0.6	3.1	0.8	0	Up	0.992	-1.082	0.003	41.9	42.8	Off
145097	13104	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.20	80.7	15	0.7	-0.6	2.7	0.4	0	Up	0.972	-1.082	0.000	41.9	42.8	Off
145098	13092	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.20	80.7	15	0.2	-0.8	2.4	0.4	0	Up	0.992	-1.082	0.001	41.9	42.8	Off
145099	13076	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.4	-0.8	3.1	0.6	0	Up	1.004	-1.082	0.003	41.9	42.8	Off
145100	13060	293	311.1	-816	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.7	-0.5	2.7	0.4	0	Up	0.992	-1.082	0.001	41.9	42.8	Off
145101	13048	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	83	17.5	1.20	80.7	15	0.4	-0.7	2.6	0.7	0	Up	1.008	-1.082	0.001	41.9	42.8	Off
145102	13040	293	311.1	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	83	17.5	1.20	80.7	15	0.5	-0.6	3.1	0.6	0	Up	0.988	-1.082	0.003	41.9	42.8	Off
145103	13024	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.6	15	0.2	-0.5	2.8	0.5	0	Up	0.988	-1.082	0.001	41.9	42.8	Off
145104	13012	293	311.1	-768	0.3	0.4	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.6	15	0.4	-0.7	2.6	0.6	0	Up	0.983	-1.082	0.003	41.9	42.8	Off
145105	12996	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.8	-0.8	3.0	1.1	0	Up	0.992	-1.082	0.001	41.9	42.8	Off
145106	12980	294	311.1	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.8	17.5	1.20	80.9	15	0.3	-0.8	2.6	0.6	0	Up	0.983	-1.082	0.003	41.9	42.8	Off
145107	12972	294	311.1	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.20	80.7	15	0.4	-0.8	2.5	0.6	0	Up	0.999	-1.082	0.003	41.9	42.8	Off
145108	12960	294	311.1	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.20	80.7	15	0.8	-0.8	3.0	1.1	0	Up	0.967	-1.082	0.003	41.9	42.8	Off
145109	12940	294	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Not	1.25	82.6	17.5	1.20	80.7	15	0.3	0.1	2.7	0.6	0	Up	0.963	-1.082	0.003	41.9	42.8	Off
145110	12936	294	311.1	-744	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.7	15	0.4	-0.8	2.6	0.6	0	Up	0.983	-1.082	0.001	41.9	42.8	Off
145111	12916	294	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.7	-0.8	3.0	1.1	0	Up	0.974	-1.050	0.001	41.9	42.8	Off
145112	12904	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.4	0.0	2.8	0.5	0	Up	0.958	-1.052	0.001	41.9	42.8	Off
145113	12892	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.7	15	0.3	-0.7	2.5	0.3	0	Up	0.979	-1.066	0.001	41.9	42.8	Off
145114	12876	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.7	15	0.4	-1.1	3.1	0.8	0	Up	0.967	-1.070	0.000	41.9	42.8	Off
145115	12860	293	311.1	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.7	15	0.5	-0.3	2.8	0.6	0	Up	0.992	-1.070	0.001	41.9	42.8	Off
145116	12848	293	311.1	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.7	15	0.0	-0.9	2.4	0.4	0	Up	0.999	-1.080	0.001	41.9	42.8	Off
145117	12832	293	311.1	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.2	-1.1	2.9	0.6	0	Up	1.008	-1.076	0.001	41.9	42.8	Active
145118	12820	293	311.1	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.4	-0.6	2.8	0.4	0	Up	1.015	-1.070	0.003	41.9	42.8	Active
145119	12808	293	311.1	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.6	15	0.1	-1.1	2.4	0.4	0	Up	0.974	-1.074	0.001	41.9	42.7	Active
145120	12792	293	311.1	-864	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.6	15	0.4	-1.2	2.8	0.9	0	Up	1.006	-1.074	0.000	41.9	42.7	Active
145121	12784	293	310.8	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.4	-0.4	2.8	0.4	0	Up	0.970	-1.072	0.001	41.9	42.7	Active
145122	12768	293	310.8	-816	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.1	-1.0	2.4	0.4	0	Up	0.986	-1.072	0.001	41.8	42.7	Active
145123	12756	293	310.8	-816	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.6	15	0.8	-1.2	3.0	0.9	0	Up	0.995	-1.070	0.005	41.8	42.7	Active
145124	12744	293	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.6	17.5	1.20	80.6	15	0.3	-0.4	2.7	0.5	0	Up	0.960	-1.072	0.001	41.9	42.7	Active
145125	12728	292	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.1	-0.9	2.4	0.2	0	Up	0.960	-1.074	0.003	41.9	42.7	Active
145126	12712	292	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.5	-1.2	2.9	0.9	0	Up	0.960	-1.074	0.000	41.9	42.7	Active
145127	12696	292	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	0.1	-0.6	2.6	0.2	0	Up	1.002	-1.082	0.000	41.9	42.7	Active
145128	12692	292	310.8	-768	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.7	15	-0.1	-0.9	2.4	0.3	0	Up	0.986	-1.082	0.003	41.9	42.7	Active
145129	12676	292	310.8	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.25	82.8	17.5	1.20	80.9	15	0.8	-1.1	3.1	0.6	0	Up	0.976	-1.076	0.003	41.9	42.7	Active
145130	12664	292	310.8	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW																		

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
145143	12496	293	310.8	-744	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.3	-0.8	2.7	0.7	0	Up	0.979	-1.082	-0.004	41.9	42.7	Active
145144	12480	293	310.8	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	1.0	-0.4	2.7	0.6	0	Up	0.972	-1.082	0.003	41.9	42.7	Active
145145	12468	293	310.8	-768	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.3	-0.7	2.7	0.4	0	Up	0.983	-1.082	0.000	41.9	42.7	Active
145146	12444	293	310.8	-840	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-0.9	2.6	0.9	0	Up	0.983	-1.082	-0.002	41.9	42.7	Active
145147	12428	293	310.8	-840	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.4	-0.7	2.8	0.6	0	Up	0.972	-1.082	0.000	41.9	42.7	Active
145148	12424	293	310.8	-864	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.4	-0.8	2.4	0.4	0	Up	0.999	-1.082	0.000	41.9	42.7	Active
145149	12408	293	310.8	-888	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.3	-1.1	2.7	0.6	0	Up	1.004	-1.082	0.000	41.9	42.7	Active
145150	12392	293	310.8	-888	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.4	-0.8	2.7	0.6	0	Up	0.988	-1.082	-0.002	41.9	42.7	Active
145151	12380	293	310.4	-864	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.9	15	0.2	-1.0	2.5	0.5	0	Up	0.972	-1.082	-0.002	41.9	42.7	Active
145152	12364	293	310.4	-864	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.9	15	0.4	-1.0	2.8	0.7	0	Up	0.979	-1.082	0.000	41.9	42.7	Active
145153	12352	293	310.4	-864	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.4	-0.7	2.8	0.6	0	Up	0.986	-1.082	0.000	41.9	42.7	Active
145154	12340	292	310.4	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.1	-1.0	2.4	0.6	0	Up	0.949	-1.082	0.003	41.8	42.7	Active
145155	12324	292	310.4	-864	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	WARNING	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.5	-1.2	2.9	0.7	0	Up	0.960	-1.082	0.001	41.8	42.7	Active
145156	12312	292	310.4	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.2	-0.8	2.7	0.4	0	Up	1.006	-1.082	-0.002	41.9	42.7	Active
145157	12300	292	310.4	-768	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.1	-1.3	2.5	0.7	0	Up	1.011	-1.082	-0.002	41.9	42.7	Active
145158	12288	292	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.5	-0.8	3.0	0.8	0	Up	0.995	-1.082	0.000	41.9	42.7	Active
145159	12272	292	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.1	-0.9	2.5	0.2	0	Up	0.995	-1.082	0.000	41.9	42.7	Active
145160	12260	292	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.1	-1.3	2.6	0.6	0	Up	0.976	-1.082	0.001	41.9	42.7	Active
145161	12244	292	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.4	-0.7	2.7	0.7	0	Up	0.965	-1.082	-0.002	41.9	42.7	Active
145162	12228	291	310.8	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.0	-1.1	2.5	0.2	0	Up	0.988	-1.082	0.001	41.9	42.7	Active
145163	12220	291	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.7	-1.4	3.0	0.8	0	Up	0.972	-1.082	0.000	41.9	42.7	Active
145164	12208	291	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-0.8	2.8	0.4	0	Up	0.983	-1.082	0.001	41.9	42.7	Active
145165	12192	291	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.1	-1.2	2.5	0.2	0	Up	1.004	-1.082	0.000	41.9	42.7	Active
145166	12180	291	310.8	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.4	-1.2	2.8	0.6	0	Up	0.988	-1.082	0.000	41.9	42.7	Active
145167	12160	291	310.8	-840	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.1	-0.7	2.6	0.2	0	Up	0.988	-1.082	0.005	41.9	42.7	Active
145168	12156	291	310.8	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-1.2	2.7	0.9	0	Up	0.967	-1.082	0.001	41.9	42.7	Active
145169	12136	291	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.9	-0.4	2.7	0.5	0	Up	0.988	-1.082	0.001	41.9	42.7	Active
145170	12124	291	310.8	-816	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-1.0	2.5	0.4	0	Up	1.002	-1.082	-0.002	41.9	42.7	Active
145171	12112	291	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-1.1	2.8	1.0	0	Up	0.981	-1.082	0.005	41.9	42.7	Active
145172	12096	291	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-0.1	2.8	0.3	0	Up	0.974	-1.082	0.007	41.9	42.7	Active
145173	12088	291	310.8	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.2	-0.9	2.6	0.4	0	Up	0.974	-1.082	0.003	41.9	42.7	Active
145174	12068	291	310.8	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.4	-1.1	3.2	0.4	0	Up	0.965	-1.082	0.005	41.9	42.7	Active
145175	12056	291	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.4	-0.9	2.5	0.5	0	Up	0.990	-1.082	0.005	41.9	42.7	Active
145176	12044	291	310.8	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.2	-1.1	2.7	0.9	0	Up	0.986	-1.082	0.000	41.9	42.7	Active
145177	12032	291	310.8	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.8	-0.8	2.8	0.6	0	Up	0.960	-1.082	0.005	41.9	42.7	Active
145178	12016	291	310.4	-840	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.2	-1.0	2.5	0.3	0	Up	0.974	-1.082	-0.002	41.9	42.7	Active
145179	12004	291	310.4	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.0	-1.2	3.0	0.6	0	Up	0.965	-1.082	0.005	41.9	42.7	Active
145180	11992	291	310.4	-792	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.6	-0.8	2.6	0.5	0	Up	0.965	-1.082	0.005	41.9	42.7	Active
145181	11976	291	310.4	-816	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.2	-1.1	2.4	0.3	0	Up	1.011	-1.082	-0.002	41.9	42.7	Active
145182	11968	291	310.4	-768	0.3	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.7	15	0.1	-1.2	3.0	0.9	0	Up	0.981	-1.082	0.005	41.9	42.7	Active
145183	11952	291	310.4	-816	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.4	-0.7	2.6	0.4	0	Up	0.990	-1.082	0.003	41.9	42.7	Active
145184	11936	291	310.4	-792	0.4	0.0	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.7	15	0.0	-1.1	2.5	0.9	0	Up	1.002	-1.080	0.000	41.9	42.7	Active
145185	11924	291	310.4	-792	0.4	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.6	17.5	1.20	80.9	15	0.8	-0.6	3.0	0.7	0	Up	0.976	-1.082	0.001	41.9	42.7	Active
145186	11912	291	310.4	-792	0.3	-0.3	Not Eng	Engaged	-799	VS Cap	Not Cap																						

1225 FDR Data for Over Pressurization Event

Counter Seconds	ALT	CAS	Heading	Vspeed	Pitch	Roll	AT Eng	AP Eng	VS Sel	VS Cap	CAS Cap	Caution	Warn	Cab Diff 9.8	Cabin Low	ENG1 EPR	Eng1 HP	ENG1 PLA	ENG2 EPR	Eng2 HP	ENG2 PLA	L Out Spoiler	L In Spoiler	R In Spoiler	R Out Spoiler	Flap	GEAR Handle	Vert Accel	Lat Accel	Long Accel	L Bld Air	R Bld Air	Emerg CHKLST
145199	11836	287	310.4	-264	1.7	-0.3	Not Eng	Engaged	-200	Not Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.2	-0.8	2.6	0.4	0	Up	1.006	-1.082	0.007	41.9	42.7	Active
145200	11832	287	310.1	-240	1.7	0.0	Not Eng	Engaged	-200	Not Cap	Not Cap	Off	Off	Not	Cabin LOW	1.24	82.8	17.5	1.20	80.9	15	0.4	-0.9	2.7	0.9	0	Up	1.036	-1.048	0.005	41.8	42.7	Active