

Items	Power Supply Limit		Operation Limit		Static(lbs)	
	Max(lbs)(-g)	Min(Lbs)(+g)	Max(lbs)	Min(Lbs)	Weight	
PF1C_U	141,665	-172,563	74,196	-26,485		
PF2_U	163,470	-246,023	44,470	-69,556	2,600	
PF3_U	272,631	-314,951	103,217	-150,417	5,500	
PF4_U	161,856	-450,863	91,746	-216,571	3,800	
PF5_U	212,552	-541,645	62,512	-242,555	4,900	
PF1C_L	57,516	-141,763	26,427	-74,232		
PF2_L	245,941	-163,575	77,002	-44,488	2,600	
PF3_L	314,965	-272,627	150,425	-35,783	5,500	
PF4_L	450,422	-161,901	198,573	-91,785	3,800	
PF5_L	541,490	-212,419	242,490	-62,432	4,900	
Total					33,600	
Links and Combinations						
P3_U	272,631	-314,951	103,217	-150,417		P3_U to P4_U LINK
P3_U + P4_U						P4_U to P5_U LINK
P3_U + P4_U + P5_U	665,724	-666,010	258,062	-239,821		P5_U to P5_L LINK
P3_U + P4_U + P5_U + P5_L						P5_L to P4_L LINK
P3_U + P4_U + P5_U + P5_L + P4_L	116,805	-471,392	35,711	-150,441		P4_L to P3_L LINK
PF1cU+PF2U	194,759	-369,644	59,209	-59,365		Upper dome load
PF1cL+PF2L	191,694	-194,844	44,531	-59,250		Lower dome load
(PF1cU+PF2U)+(PF1cL+PF2L)	495,107	-495,329	58,722	-65,529		Load on vessel
External						
(PF3U+PF4U+PF5U)+(PF3L+PF4L+PF5L)	239,601	-199,054	40,149	-324		P3L to Ground (cage)
Center Stack to Ground	150,000	-150,000			50,000	pete 's monte carlo
(PF1aU+PF1bU)+(PF1aL+PF1bL)	260,101	-280,483	29,203	-47,352		Oh missing to compare with Pete's monte
(PF1aU+PF1bU)+(PF1aL+PF1bL) + OH						Center Stack to Ground
OH	490,100	-484,143	18,285	-14,716		