



Display Week 16

SEDS		Project Start Date		6/28/2019 (Friday)		Display Week		16		Week 16					Week 17					Week 18					Week 19					Week 20					Week 21					Week 22					Week 23				
		7 Oct 2019		14 Oct 2019		21 Oct 2019		28 Oct 2019		4 Nov 2019		11 Nov 2019		18 Nov 2019		25 Nov 2019																																	
NUMBER	TASK	Responsible Engineer	START	END	DAYS	% DONE	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S								
1	Propulsion	Charlie																																															
1.1	Runaway V1 Hot-Fire 4	Charlie	Mon 9/09/19	Thu 10/10/19	31	90%																																											
1.2	Runaway V2 Project	Charlie			0	0%																																											
1.2.1	Design Full Assembly		Tue 10/01/19	Fri 10/25/19	24	40%																																											
1.2.2	Manufacturing of all Components		Fri 10/25/19	Mon 11/11/19	17	0%																																											
1.2.3	Assembly, Molding and Test Prep		Mon 11/11/19	Mon 11/18/19	7	0%																																											
1.2.4	Hot-Fire Test 1		Mon 11/18/19	Fri 11/22/19	4	0%																																											
1.2.5	Hydrostatic Testing		Fri 11/22/19	Wed 12/04/19	12	40%																																											
1.3	Flow Regulation V2 - Hardware	Zach	Tue 10/01/19	Fri 11/01/19	31	40%																																											
1.4	Runaway V3 Project	Charlie			0%																																												
1.4.1	Design Full Assembly		Wed 11/13/19	Wed 12/04/19	21	0%																																											
1.4.2	Manufacturing of all Components		Wed 12/04/19	Fri 12/20/19	16	0%																																											
1.4.3	Assembly, Molding and Test Prep		Fri 12/20/19	Mon 1/06/20	17	0%																																											
1.4.4	Hot-Fire Test 1		Mon 1/06/20	Thu 1/09/20	3	0%																																											
1.5	Runaway V4 Project - Competition Design	Charlie			0%																																												
1.5.1	Design Full Assembly		Sat 1/25/20	Fri 2/14/20	20	0%																																											
1.5.2	Manufacturing of all Components		Fri 2/14/20	Tue 2/25/20	11	0%																																											
1.5.3	Assembly, Molding and Test Prep		Tue 2/25/20	Fri 3/06/20	10	0%																																											
1.5.4	Hot-Fire Test 1		Fri 3/06/20	Mon 3/09/20	3	0%																																											
1.6	Hydrostatic Test Rig	Charlie			0%																																												
1.6.1	Design Full Assembly		Thu 10/10/19	Fri 10/25/19	15	0%																																											
1.6.2	Purchasing and Manufacturing		Fri 10/25/19	Tue 11/05/19	11	0%																																											
1.6.3	Assembly and Calibration		Tue 11/05/19	Mon 11/11/19	6	0%																																											
1.6.4	Run Test		Mon 11/11/19	Fri 11/15/19	4	0%																																											
2	Propulsion - Gimbal	Andrew																																															
3	Frame	is C. Darren O. Nate G.																																															
3.1	USURPER CAD		Mon 8/26/19	Wed 5/20/20	268	20%																																											
3.2	USURPER CAD V1		Mon 8/26/19	Tue 9/24/19	29	100%																																											
3.3	USURPER CAD V2		Wed 9/25/19	Thu 10/17/19	22	80%																																											
3.3.1	Aquire Carbon Fiber Tank Model		Wed 10/09/19	Thu 10/17/19	8	25%																																											
3.3.2	Oxidizer Tank Integration		Wed 10/09/19	Thu 10/17/19	8	25%																																											
3.3.3	Hackathon Goals		Tue 10/08/19	Thu 10/17/19	9	75%																																											
3.4	USURPER CAD V3		Fri 10/18/19	Thu 10/31/19	13	0%																																											
3.4.1	Combustion Chamber Integration (Drawings)		Fri 10/18/19	Thu 10/31/19	13	0%																																											
3.4.2	Nos Tank Integration (Drawings)		Fri 10/18/19	Thu 10/31/19	13	0%																																											
3.4.3	Propulsion / Avionics Access (Drawings)		Fri 10/18/19	Thu 10/31/19	13	0%																																											
3.4.4	Nose Cone (Drawings / Contact Durham Boat)		Fri 10/18/19	Thu 10/31/19	13	0%																																											
3.5	USURPER CAD V4		Fri 11/01/19	Fri 12/20/19	49	0%																																											
3.5.1	Nose Cone (Drawings / Contact Durham Boat)		Fri 11/01/19	Fri 12/20/19	49	0%																																											
3.5.2	Recovery System Drawings (Dependent on Avonics Design)		Fri 11/01/19	Fri 12/20/19	49	0%																																											

