

AEV Concept Screening Matrix					
Success Criteria	Reference	Design 1 (Sean)	Design 2 (Connor)	Design 3 (Joel)	Design 4 (Will)
Stability	0	+	+	0	+
Capacity to Carry	0	-	-	+	+
Durability	0	0	0	0	-
Safety	0	0	-	+	0
Speed/Aerodynamics	0	+	+	0	0
Sum +'s	0	2	2	2	2
Sum 0's	5	2	1	3	2
Sum -'s	0	1	2	0	1
Net Score	0	1	0	2	1
Continue?	Combine	Yes	No	Yes	No

AEV Concept Scoring Matrix											
		Reference		Design 1 (Sean)		Design 2 (Connor)		Design 3 (Joel)		Design 4 (Will)	
Success Criteria	Weight	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score	Rating	Weighted Score
Stability	20%	2	0.4	3	0.6	3	0.6	4	0.8	5	1
Capacity to Carry	20%	3	0.6	1	0.2	2	0.4	5	1	4	0.8
Durability	15%	2	0.3	3	0.45	2	0.3	3	0.45	3	0.45
Safety	20%	2	0.4	4	0.8	3	0.6	3	0.6	2	0.4
Speed/Aerodynamics	25%	2	0.5	5	1.25	5	1.25	2	0.5	2	0.5
Total Score			2.2		3.3		3.15		3.35		3.15
Continue?		No		Develop		No		Develop		No	