Brigham Young University
AUVSI Capstone Team (Team 45)

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1 Evaluation Methods and Results

As can be seen from the decision matrix in Table 1,

Table 1: A decision matrix the UGV Drop Method. A scale of 1-5 was used for weights with 5 having high importance and 1 having low importance. A 1-5 scale was also used to rate each option's performance under each requirement. In this case, a 1 was used to indicate poor performance while a 5 indicates favorable performance.

UGV Drop Method	Weight	Glider	Sky Crane	Parachute	Un-aided Drop (Reference)
UGV Weight	1	0	0	0	0
Stowed Drag	1	0	0	0	0
Max Drop Height	1	0	0	0	0
Max Landing Velocity	1	0	0	0	0
Accuracy in Hitting Target	1	0	0	0	0
Totals	0	0	0	0	