

Project Hazards

Hazard	Likelihood (Cause)	Severity (Effect)	Risk	Mitigation
Improper Funding	3 (Lack of revenue)	5 (Inability to purchase parts)	15, High	Create and execute detailed funding plan properly
Failure To Receive Parts	2 (Shipping delays, out of stock orders)	5 (Cannot construct and fly vehicle)	10, Medium	Order parts while in stock well in advance of needed date
Loss Of Work Area	1 (Construction, building hazards, loss of lab privilege)	4 (Temporary inability to construct vehicle)	4, Low	Follow work area regulations and have secondary spaces available
Design Flaw	2 (Program logic error, improper data entry, oversight)	5 (Inability to complete objectives or construct vehicle)	10, Medium	Collaborate and share design files for peer evaluation
Inactivity	2 (Members are unable or unwilling to work)	5 (Loss of team member and labor force, inability to construct vehicle)	10, Medium	Train all members to work in all areas necessary
Injury	2 (Members are unable to work)	3 (Temporary loss of team member and labor force)	6, Low	Keep first aid kit on hand at all times and train all members to follow procedures
Damage By Non-Team Members	1 (Accidental damage of other workspace users)	4 (Extensive repairs necessary, delay in construction)	4, Low	Separate all components from other areas of the workspace as necessary
Damage During Transit	2 (Mishandling)	5 (Inability to fly rocket)	10, Medium	Protect all components during transit
Calendar Conflicts	3 (Overlap with classes)	4 (Inability of team members to travel)	12, medium	Inform professors and concerned persons about overlap ahead of time