| Checklist of information to be provided by the team | |
|---|---|
| Name of the project | |
| Team members name & roles | |
| Category entered | |
| Abstract | |
| Timeline | |
| Budget | |
| Specifications | |
| Description | |
| Scorecard | |
| Proofs (photos, videos, telemetry,...) | |
| Code repo link **(forked from template)** | |
| Is an original creation - and building started after the announcement of the challenge | |
| Submit at https://robotshop.typeform.com/to/ZruvXz | |

| Land requirements & milestones | |
|---|---|
| Emergency killswitch | |
| Emergency Siren (within 3 seconds of emergency) | |
| Fail-safe mechanism to immobilize | |
| Is not operated in a road open to circulation | |
| Travel 500m | M |
| Autonomous navigation (including obstacles detection and adaptation) | M |
| Terrain adaptation | M |
| Can return to its starting point and charge itself | M |
| Can transport a cargo of at least 25% of the total weight of the robot | M |

| Water requirements & milestones | |
|---|---|
| Emergency killswitch | |
| Emergency Siren (within 3 seconds of emergency) | |
| Fail-safe mechanism to immobilize | |
| Navigation lights (red, green, white) | |
| Is not operated in a body of water where it could be in contact or proximity of humans | |
| Buoyant for all the time of operation (at least 15 minutes) | M |
| Autonomous navigation (including obstacles detection and adaptation) | M |
| Can remain stationary | M |
| Can autonomously depart from and dock to quay | M |
| Can transport a cargo of at least 50% of the total weight of the robot | M |

| Space requirements & milestones | |
|---|---|
| Emergency killswitch | |
| Emergency Siren (within 3 seconds of emergency) | |
| Fail-safe mechanism to stop propulsion and or deploy chute | |
| Use only lightweight, non metal parts, for the nose, body, and fins of the aircraft | |
| Aircraft launching zone should be at least 60m wide | |
| Starting system should have safety interlock and switch should return to off when released | |
| Launcher will have a deflector below the aircraft | |
| Reach at least 100m of altitude from take-off | M |
| Capture flight data | M |
| Land undamaged and can be relaunched | M |
| Land autonomously in a designated area | M |
| Can transport a cargo of 30g | M |


Tick (✓) all the points in the checklist and requirements

Do NOT submit your entry if any security requirement isn't ticked.

Circle (O) all the milestones you've reached