# Risk Assessment – Explorer Trek, Hovercraft Base

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| **Hazard Identified & Risks from It?** | **Who is at Risk?** | **How are the risks controlled?** | **What has changed that needs to be thought about and controlled?** |
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| Hovercraft collision with object (tree, fence etc.), risk of injury. | Young People | * Staff to clearly mark out course using fibreglass poles. Sufficient stopping distance to be left between edge of course and any obstacles. * Staff to give each participant clear instructions for operating the hovercraft. * Young people instructed to release the power handle immediately if they leave the course. * All young people to be wearing a helmet and buoyancy aid when riding in the hovercraft for impact protection. |  |
| Hovercraft tipping over, risk of injury. | Young People | * Staff to give each participant clear instructions for operating the hovercraft. * Staff to check the course for any objects that could cause the hovercraft to flip before starting the activity. * All young people to be wearing a helmet and buoyancy aid when riding in the hovercraft for impact protection. |  |
| Spectators hit by hovercraft, risk of injury. | Young People & Staff | * All spectators must remain in the safe zone well away from the hovercraft course. * Staff to monitor the course for intrusion by members of the public and / or animals. * Course to be clearly marked with fibreglass canes. |  |
| Person hit by flying debris due to hovercraft wake, risk of injury. | Young People & Staff | * All spectators must remain in the safe zone well away from the hovercraft course. * Staff to ensure that nobody is standing directly behind the fan when hovercraft is started. |  |
| Body parts entrapped in hovercraft fan, risk of injury. | Young People & Staff | * Staff must check that young people have removed neckies and name badges before entering the hovercraft. * Staff must check that young people with long hair have securely tucked it under clothing before entering the hovercraft. * Extra care to be taken if young people with long hair are riding in the rear seat of the hovercraft. * Staff to instruct young people not to attempt to remove any object which becomes stuck in the fan. * Staff to ensure that hovercraft is switched off and key removed from ignition before attempting to remove any objects stuck in the fan. |  |
| Dehydration and Heat Exhaustion | Young People | * Staff to check that young people bring a full water bottle with them to the activity. * Staff to monitor young people throughout the activity and advise anyone who is overheating to rest in the shade and drink water. |  |
| Sunburn | Young People | * If weather is sunny, or forecast to be sunny, staff to check that young people are wearing sun cream. |  |
| Cold and Hypothermia | Young People | * If weather is wet or forecast to rain, staff to check that young people have brought a waterproof jacket to the activity. * Staff to check the young people are suitably clothed for the weather conditions, e.g. have jumpers / jackets with them. * Shelter to be available at the activity location, e.g. event shelter. |  |