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| **Name of Activity** | Tomahawk / Mouse / Angel Throwing  (USE OF BOYD FIXED RANGE) | **Date of Risk Assessment** | 20.5.24 | **Name of who undertook this Risk Assessment** | Graham Thorpe |
| **Date of Next Review** | May 26 |

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| **Hazard Identified? / Risks from It?** | **Who is at Risk?** | **How are the risks already controlled?**  **What extra controls are needed?** | **What has changed that needs to be thought about and controlled?** |
| ***Hazard*** *– something that may cause harm or damage.*  ***Risk*** *– the chance of it happening.* | *Young people*  *Leaders*  *Visitors etc.?* | ***Controls*** *– Ways of making the activity safer by removing or reducing the risk from it. For example - you might use a different piece of equipment or you might change the way the activity is carried out.* | *Keep* ***checking*** *throughout the activity in case you need to change it…or even stop it! This is a great place to add comments which will be used as part of the review.* |
| **Incorrect setting up of throwing area**  -Potential for impact from direct or rebounded implement | All present | Throwing area established by Site Activity Team.  1st Rope = Angel Hawk minimum distance to targets  2nd Rope = Tomahawk minimum distance to targets  To avoid rebound, never throw inside these marked out lines / ropes for the type of hawk you are using  Instructors / Activity Leaders (inc Range Masters) are trained, reviewed, and monitored to maintain competency, capability and safe working  Instructors / Activity Leaders to have local site-specific or similar training on equivalent set up, by a competent person prior to running any activity.  **NOTE**-*Training and competency of the ‘Instructor / Activity Leader; is to be reviewed by Boyd Staff, and it is the Staff at Boyd who have the final decision whether the instructor is competent to run the activity or whether to terminate the activity if required.*  *For Angel Hawks and Tomahawks - a maximum of 3 targets can be utilised at any one time.*  **NOTE** *-This is to ensure adequate space between throwers and potential rebound situations* |  |
| **Incorrect setting up of targets**  -Toppling hazard | Boyd Crew | Ensure that target frame is securely fastened to frame / post setup to ensure target does not fall during activity.  If target or frame becomes damaged, this should be reported to the Boyd Activity Crew, who can then  -make a judgement whether the activity can continue  -Make repairs to targets including relacing damaged targets  -Make repairs to the target frame structure |  |
| **Contact with thrown or rebounded Hawk / Mouse / Angel**  -Impact injuries from thrown items | All present | The risk of an impact from a thrown item can be reduced considerably by the use of the correct equipment and placement of participants.  *For Angel Hawks – 3 targets can be utilised on the range at any one time*  1st Rope = Angel Hawk minimum distance to targets  *For Tomahawks - a maximum of 3 targets can be utilised at any one time*  2nd Rope = Tomahawk minimum distance to targets  There should be **no persons standing behind the thrower** to eliminate any possible impact from an implement accidently released backwards.    There should be **no persons standing in an advanced position of the thrower**  The correct material and placement of the target will also reduce the risk of any bounce back from items striking the target.    Safety briefing to be given prior to the activity by trained persons.  No unauthorised access to the throwing area should be allowed.  No throwing to take place without supervision of an instructor.  Only purpose made throwing items to used |  |
| **Improper instruction given during Self Led Activity**  -Potential injury or harm to thrower and / or other participants | Instructor / Session Leader  Boyd Crew | Only trained instructors shall be able to run self-led activities.  Competency of the individuals in question including the review of certificates and assessment of general competency will be reviewed by Boyd Site staff prior to the commencing of the session.  If unsafe practices are identified, the instructor in question will either be replaced by another trained / qualified person (including Boyd Activity Crew) or in the absence of any replacement trained / qualified instructor, the session will be halted. |  |
| **Manual Handling of Equipment**  -Risk of muscle injury | Boyd Crew | Manual handling of targets (& mobile stands when used) can be reduced significantly by the use two or more people being used to move them on the site.  .  Correct manual handling in regards to weight and size to be allowed. |  |
| **Slips & Trips - General**  -Risk of various injuries | All present | Safety briefing, policing and enforcing of no running in activity area.  Instructors / Activity Leaders to have local site-specific training.  Ensure that the area is free from slip and trip, ground hazards including any personal effects of the participants.  With any bags etc to be stored in a safe place in the waiting area. |  |
| **Dropping Hawk / Mouse / Angel Equipment during Activity**  -Risk of impact with lower limb  -Risk of cut/ puncture wound | All present | Instructors / Activity Leaders to make sure that all participants are wearing appropriate footwear:- No sandals, “crocs”, or open toed shoes.  A no bare feet policy to be imposed in the activity area.  Gloves should not be worn when throwing as this increases the risk or incorrect release of the equipment  Safety briefing and monitoring by the Instructors / Activity Leaders during activity |  |
| **Heads of Tomahawks become loose**  -Potential pinching of skin on hand | All Present | The design of the Tomahawk used can result in the heads become loose.  Heads of each Tomahawk should be ‘knocked’ onto the handle prior to each session, by the instructor or a member of the Boyd Activity Team, using a mallet or the back of another tomahawk.  If the head becomes loose during the activity, again the head should be ‘knocked’ onto the handle |  |
| **Misuse / Incorrect use of equipment during activity**  -Risk of injury (various) | All present | Safety briefing by Instructor to ensure participants are aware that the tomahawks are or could be sharp and not to touch the cutting edge under any circumstances.  Instructors / Activity leaders must ensure that each person taking part has the strength and are able to do so safely according to their own training.  The age, maturity and ability of each participant should be considered  Section / activity code of conduct in place to set clear expectations of behaviour prior to beginning activity.  No one to enter the range once the instruction to ‘Throw’ has been given.  A maximum of **THREE** Hawk / Mouse / Angels to be used in one target, with collection when instructed, after the last Hawk / Mouse / Angel is thrown of that range set. |  |
| **Use of own Equipment on the Range that could present an additional hazard**  -Potential damage to range  -Use of unsafe equipment that could lead to injury or harm of thrower and other participants | All Present | If own equipment is requested to be used by a visiting Group, it first should be inspected by a member of Boyd Activity Team that has prior knowledge / instruction on Tomahawks to assess whether the condition and size of tomahawk is suitable for the Boyd Range.  Note – It *it is the Staff at Boyd who have the final decision whether the equipment is suitable and safe to use on Boyd Range.* |  |
| **Premature retrieval of Hawk / Mouse / Angel during mid-session**  -Potential risk of impact from Hawk / Mouse / Angels being thrown by other throwers using range | Individual | Never proceed to retrieve Hawk / Mouse / Angels during a throwing session.  Only retrieve Hawk / Mouse / Angels when all Hawk / Mouse / Angels have been thrown and the instructor announces that it is safe to retrieve. |  |
| **Incorrect removal of Hawk / Mouse / Angel from target**  -Potential cut / slice hazard  -Potential impact hazard between face and back of hawk | Individual | Safety briefing by Instructor to ensure participants are aware that the tomahawks are or could be sharp and not to touch the cutting edge under any circumstances.  To avoid accidental head or upper body injury when retrieving tomahawks; it is important to remove tomahawks that are embedded into a target before picking up those lying on the floor.  Remove the thrown items from the target carefully under instruction from or by the instructor/ activity leader (instructor discretion). Remove using the non-throwing hand flat on the target, away from the blade. Wiggle thrown item up and down to remove from target.  When retrieving Hawks / Mouse/ Angels, the throwers should walk at all times.  Regular inspection of the thrown items should be undertaken, especially if a clash during throwing has taken place, which could cause a burr.  Correct storage of throwing items both in storage and on the range should be maintained. (fit covers or store in pouches etc if available)  Once Hawk / Mouse / Angels have been removed, the throwers should walk back to the throwing line and deposit their Hawk / Mouse / Angels upon the floor and await further instruction from the instructor |  |
| **Behaviour** – over excitement at start, end of evening | All present | Section / activity code of conduct in place to set clear expectations of behaviour prior to beginning activity.  Safety briefing by Instructor.  If, in the opinion of the instructor the behaviour of an individual, or the group as a whole is not conducive to running a safe session then the activity session will be stopped and the person or persons causing concern removed from the activity area.  No person under the influence of alcohol or drugs should be allowed on the activity site. |  |
| **Adverse Weather during Activity**  -Potential for hot or cold situations | All present | If wet/cold weather is expected, ensure correct clothing, including waterproofs are advised prior to the activity, depending on weather.  If hot weather is expected, sun cream may be required to be carried and used when required.  Adequate drinks must be carried. | Instructor to assess risk of running / continuing the activity based on the weather conditions at the time.  Note - Considerations to be given to elements such as:-  -reduced grip due to wet hands  -greasy hands from suncream that may cause Hawk / Mouse / Angel to be released incorrectly  -unsafe ground conditions (see Slips & Trips) |
| **Poor Lighting during Activity**  -Potential Risk of mis-throw | All Present | Lighting set up in area so that activity can be run as a night activity, at the discretion of the instructor and Boyd Site Crew, taking into consideration the group using the equipment |  |
| **Access to Hawk / Mouse / Angel whist activity not running**  -Potential for Misuse  -Potential for injury (Various) | All present | Safety briefing by Instructor to ensure participants are aware that equipment is only to be used when an instructor is present.  Equipment should be stored in a secure box whilst activity not being utilised and not left unattended. |  |

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| ***Review****:*  *8.5.22 – Initial Assessment*  *10.5.24 – Reference to remedial work and restrictions using Tomahawks during this time*  *26.1.25 – Removal of temporary restrictions* |