



Jetlev Flyer Australia

Jetpack Adventures

1800jetpack

Safety Management

General Operations

Effective 4TH May 2016

Document 001

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1. Purpose of this Safety management plan – Associated Activities

- Identify risks in the operation of additional associated activities to water powered device activities at the **SDEFQON QDANCE Festival Penrith SIRC, specifically land based and waterway and adjacent land** in the assigned area and implement ways to minimise them.
- Identify the responsibilities of the participants, provider, Instructors and pilots and what they should do to reduce risk of damage or injury.
- Area chart/detailed drawing/photo of the circuit showing area of operation (see below).

Operational Areas - Waterways



2. Safety manager and Jetpack team members to check before Daily operations.

Hazard	Risk	Action	Instruction to Operations manager
Unseaworthy personal jetpack	Failure of Personal Jetpack	Check seaworthiness before each operation and do not use if unseaworthy.	Assign necessary repair services
Missing safety equipment	Operation without safety equipment	Check safety equipment before Each operation and do not hire if missing.	Do not operate the personal jetpack unless it has the safety Equipment.
Weather conditions	Pilot impact and injury Public hazards	1. Assess weather conditions. 2. End operation if unsafe.	Relevant weather forecast via BOM Direct and effect In the operating area.
Water Quality	Health hazard debris damage	1. Assess flotsam and debris. 2. Monitor water quality results and implement	Debris removes after stop operation call safety ski out.
Staging area debris	Injury to staff or participant	1. Visual area check debris and fauna and remove or isolate	Encourage relocation of fauna / Clear any visual debris ensure rubbish bins available
Navigational hazards	Pilot collides with object	1. Record locations of hazards nets and navigational hazards jetty's remove or cordoned off items and static displays existing staff in water zone.	Locate - nets booms buoys, anchorages and navigation hazards in Area, including visibility.
Congestion	Public parking/ foot traffic strays into ingress egress route of cars	1. Assess congestion conditions. 2. Alter route or area. 3. Reduce speed of vehicles. Parking marshal if required Clearly define parking area away from public viewing	Limits and markings of the planned ingress egress refer to 1 st results from operational capacities

3. Safety officer to tell pilot before Operations

Hazard	Risk	Action	Briefing instructions
Pilot knowledge	Pilot misuses equipment or systems	Briefing on event and course	All safety briefing checklist items (see Annex A).
Overloaded watercraft	Personal watercraft difficult to control safely	Visual and verbal weight checks	Maximum weights adhered to while underway.
Driver unsure to return	pilot does not return fear of collision or similar	Use alternate water landing and safety personnel to recover	Contingency plans for such event full briefing.

4. Safety officer to demonstrate and assess

Hazard	Risk	Action	Instruction to driver
Inexperienced pilot	Unsafe operation of personal jetpack	1. Safety briefing demonstration 2. Assess competencies (see Annex A)	Full safety briefing checklist (see Annex A).
Riders do not use safety equipment properly	Pilot fails to wear personal flotation device properly, quick release failure	Demonstrate use of all Safety equipment. Check for safe operation of all gear no safety gear NO FLY	Correctly use and store personal flotation devices and associated jetpack fittings. INSPECT ALL ITEMS PRIOR TO FLIGHT
Emergency situation	Pilot unsure what to do in an emergency	Demonstrate emergency procedures (see section 11).	Full safety briefing and demonstration and perform competencies as instructed.

5. Safety officer to supervise during Operations

Hazard	Risk	Action	Instruction to Pilot
Wash from other vessels	Danger to pilot	Monitor safe wake-crossing techniques RESTRICT ENCROACHMENT OF NON AUTHIRISED VESSELS INTO AREA.	Instigate vessel encroachment protocols procedure.
Impact	Impact or back injury	Monitor all operating area and techniques.	Distance off briefings and discussion. Emergency staff in place an identified.
Swimmers	Collision with person in water	Monitor distance-off requirements.	Cut power within 20 m of person in water.
Collision regulations offences	Collision.	Monitor relevant collision regulation requirements	Keep lookout at all times to assess collision risk – alter course to avoid collision.
Uncooperative spectators	impact	Stop the Event and regroup into a safe formation.	Wait nearby till regroups into the safe formation. Release jetpack and Render assistance if safe

6. When Safety officer must end Operations

Hazard	Risk	Action	Instruction to Pilot
Irresponsible Boater public	Pilot exits the designated operating to reestablish distance or power off	End demo	Return to pen area immediately or power off.
Sharp turn or free-styling	falls off Personal jet ski or jetpack	End demo	Driver's obligation not to operate unsafely for safety of pilots
Intoxicated driver	Collision and/or drowning	End demo	Do not operate the personal under the influence of alcohol or drugs.