

Version 2 - 12.04.2026



ADVENTURE RACING WORLD SERIES MANDATORY EQUIPMENT LIST

The AR World Series members using this list have collectively agreed on standard mandatory equipments, and definitions of this equipment, that individuals and teams must carry while participating in an AR World Series adventure race. They have also agreed on the rational and logic for the inclusion of items on this list. Additional items may be added by race organisers where they are specific to their location, conditions or laws of the host country.

PERSONAL RESPONSIBILITY AND ASSUMPTIONS - You and your team together are responsible entirely for carrying suitable and appropriate equipment, clothing and sustenance for the climate, conditions and activities in the event. This Mandatory Equipment List is NOT a list of the only items you should take. It contains the mandatory items that you and your team must carry with you, at specified times, to meet minimum safety requirements by law, prevent and/or treat SOME potential injuries, and short term survival purposes (for example a seriously injured team member, in a stationary position, overnight in bad weather). It assumes your team members will NOT separate during the race and that you may share between members the mandatory equipment that must be carried. You will certainly need additional equipment, clothing, food and drink for your participation in the event.

RECOMMENDED AND INFERRED ITEMS












The following items, categories of equipment or related items, are either strongly recommended by organisers, or assumed to be an inferred requirement as competitors must have an understanding of adventure racing, the activities they will be participating in, and general outdoor adventure knowledge and experience.

- ▶ Backpacks and water carrying containers/ bladders/ bottles.
- ▶ Foods and sustenance, sufficient until the next re-supply, including quantity for unexpected circumstances.
- ▶ Personal race clothing and footwear suitable for extreme conditions (including accessories such as hats/ gloves, eye protection, watch/altimeter as required and clothing for water activities such as wetsuits).
- ▶ Cycle repair kit (including pump, tubes, tools and spare parts).
- ▶ Waterproofing/ dry bags to keep personal and team equipment as dry as necessary.
- ▶ Water purification device or chemicals - to avoid illness from drinking contaminated water.
- ▶ Personal medications (not in contravention of anti-doping rules) permitted analgesics, therapeutic medicines, medical insurance certificates, allergy or illness identification tags, sun protection creams.
- ▶ Money/ Credit card, personal identification card/ Passport, immigration or visa certificates.
- ▶ Additional and back up Mandatory/ Recommended and Inferred items in re-supply boxes as permitted.













RULES - As a competitor in the AR World Series event using this list, you and your team are required to carry the mandatory equipment items with you at the specified times. Checks of mandatory equipment may occur during the race and missing equipment may result in penalties or disqualification as per the race rules. If any items are used/ consumed/lost during a leg, they must be replaced at the next transition point.










The mandatory equipment is divided into two categories, equipment you and your team must carry at ALL times, and equipment you and your team must carry during a specific DISCIPLINE.

PROHIBITED ITEMS - Prohibited items are outlined in the ARWS Rules of Competition <https://arworldseries.com/resources/> There are specific rules on items containing GPS, communications/ internet capabilities and items that could potentially assist with navigation.





		ALL TIMES - ALL DISCIPLINES		
Yes/No	Name	Image	Quantity	Description
✓	Official Race Bib (Vest/ Jersey/ Bib)		1 x per competitor (no share)	The official race bib must be worn by each competitor at all times as the outermost garment. Vest/packs that cover the front of the bib are not permitted. Race bibs are provided by the race organisers.
✓	Whistle		1 x per competitor (no share)	Each competitor must carry at all times a whistle that is pea-less and functional in wet conditions. It must be easily accessible at all times to sound an alert if required.
✓	Light Source (Headlamp)		1 x per competitor	Light source (such as headlamp), waterproof with the required batteries for the section of the race. Different light sources may be used in different disciplines e.g. headlamp, cycle lights.
✓	Shell Layer Top (Jacket)		1 x per competitor	The shell/ outer layer jacket must be waterproof, windproof, breathable as specified by the manufacturer. Jacket must have a hood, seams tape sealed and suitable for potentially extreme conditions in an adventure race.
✓	Shell Layer Bottom (Pants)		1 x per competitor	The shell/ outer layer pants must be waterproof and windproof as specified by the manufacturer. Pants must be suitable for potentially extreme conditions in an adventure race.
✓	Mid Layer Top (Fleece)		1 x per competitor	The mid layer top is used between the baselayer and shell layer to provide additional insulation in cooler conditions. Long sleeve top of synthetic or wool fabric. Mid weight (greater than baselayer), moisture wicking/ quick drying. Top may be carried or worn. When tested on scales the weight of the top must be 175 grams or greater.
✓	Baselayer Top		1 x per competitor	Long sleeve, close fitting top of synthetic or wool fabric. Lightweight, moisture wicking/ quick drying, and worn next to your skin. Top may either be carried or worn.
✓	Baselayer Legs (Leggings/ Tights)		1 x per competitor	Long leg, close fitting bottom of synthetic or wool fabric. Lightweight, moisture wicking/ quick drying, and worn next to your skin. Bottom may either be carried or worn.
✓	Baselayer Head (Beanie)		1 x per competitor	Beanie (or Buff) must be close fitting and of synthetic or wool fabric. Lightweight, moisture wicking/ quick drying, and worn over your hair/skin. Beanie may either be carried or worn.
✓	Magnetic Compass		2 x per team	Quality compasses for accurate navigation. Compass must have a needle balanced to the magnetic zone of the race. Watch compasses do not meet these requirements.








AR World Series Mandatory Equipment List









	Course Information and Maps		2 x per team	Course maps, course notes and passport/ control card, provided by organisers, appropriate for section of the race teams are completing. Adequate waterproofing e.g. laminated or waterproof paper, clear adhesive(Contact) or waterproof map bag. Supplied by race organisers
	Survival Blanket (Space Blanket)		1 x per competitor	Sheet or bag of material coated in a metallic reflective agent. Used in emergencies to reflect heat. Can be used to counter hypothermia, but also provide shade or aid in visibility. (note bags can deteriorate over time).
	First Aid Kit		1 x per team	First Aid contents specified separately. Must be contained in waterproof bag.
	Cell Phone		1 x per team	Cell phone with fully charged battery, turned off and sealed in opaque and waterproof bag/container for emergency use only. Race organisers will provide advice on specific cell network (if required) and seal phones in security bags before the race.
	GPS Tracker		1 x per team	Specific device provided by race organisers. Must be carried and used in accordance with direction of race organisers. Supplied by race organisers
	Digital Camera / GoPro		1 x per team	Camera or electronic recording device (e.g. video camera), waterproof, shockproof with charged battery. Used to photograph in case of missing checkpoint.






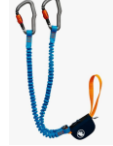



	ALL TIMES - MOUNTAIN BIKE DISCIPLINE			
	Name	Image	Quantity	Description
	Mountain Bike		1 x per competitor	Mountain bike. Must have approximately straight handlebars. (Not drop bars) and at least ONE of these two features.... <ul style="list-style-type: none"> • Mechanical suspension (not just a flexible frame). • Tire size of 44mm (1.75inch) or greater
	Helmet		1 x per competitor	Cycle helmet with an approved safety standard certification. (e.g., CE, UIAA or country equivalent) It must be worn and closed anytime while biking.
	Front Light		1 x per competitor	Front facing white light. May be head or handlebar mounted. Must be turned on from sunset to sunrise or in reduced visibility when the bicycle is on a road that may have vehicles.
	Rear Light		1 x per competitor	Rear facing red light. Must be mounted on the bicycle. Must be turned on from sunset to sunrise or in reduced visibility at all times when the bicycle is being ridden. Must also be turned on from sunset to sunrise or in reduced visibility when the bicycle is on a road that may have vehicles. Recommended: spare rear light carried by team.









AR World Series Mandatory Equipment List

	Reflective vest		1 x per competitor	It must be worn during the night and must be visible with backpack. Certification CE or equivalent.
	MTB map holder		1 x per team	It is recommended to have a second map holder per team

	ALL TIMES - KAYAK DISCIPLINE			
	Name	Image	Quantity	Description
	Personal Flotation Device (PFD/ Lifejacket)		1 x per competitor (no share)	Must be worn at all times while kayaking Supplied by race organisers
	Paddle		1 x per competitor	Supplied by race organisers
	Kayak		2 x per competitor	Supplied by race organisers



	ALL TIMES – INLINE SKATING DISCIPLINE			
	Name	Image	Quantity	Description
	Inline Skates or Rollerski or Skateboard or Scooter (wheels diameter < 150mm)		1 x per competitor	Poles authorized (you also must be able to carry them in the bag)
	Helmet		1 x per competitor	Helmet with an approved safety standard certification. (e.g. CE, UIAA or country equivalent). It's possible to use the same as the bike section.
	Protections		1 x per competitor	Recommended but not mandatory
	Inline skating bag		1-4 x per team	Every team should be able to carry all the roller-section equipment on the bike for an un-timed section of approximately 20 minutes.

	ALL TIMES - ROPES			
	Name	Image	Quantity	Description
	Climbing harness		1 x per competitor	Compliant with EN 12277
✓	Climbing helmet		1 x per competitor	Compliant with EN 12492
✓	Descending device		1 x per competitor	Tube-type descending device for single or double rope rappel (no figure-8 devices). Compliant with EN 15151.
✓	Safety lanyard		1 x per competitor	Short lanyard for attachment to the descender during rappel, 60-80 cm length (recommended). Manufactured, or homemade (Ø 9mm mini) lanyard. Including one locking carabiner (screwgate or 3-action auto-locking) compliant with EN 12275.
✓	Via ferrata set		1 x per competitor	Via ferrata lanyard compliant with EN 958:2017 equipped with an energy absorber using tear-webbing (stitched tearing system). Old friction-plate absorbers are not permitted
✓	Prusik cord loop		1 x per competitor	5-7 mm diameter, 60-80 cm length, made of climbing rope
✓	Locking carabiner		1 x per competitor	Unidirectional locking carabiner with triple-action opening, compliant with EN 12275
✓	Rope bag		1 x per team	Every team needs one bag, closed, containing all ROPES gear. You won't need to carry it on the course. Your team need to easily recognize it.

	FIRST AID KIT - ALL TIMES - ALL DISCIPLINES - ALL ARWS RACES			
	Name	Image	Quantity	Description
✓	Pressure Bandage (Elastic/ Crepe)		1 x per team	Total length of bandage is minimum of 2 metres and minimum width is 7.5cm un-stretched. Multiple bandages are permitted. Used to create localised pressure to site of injury or wound.
✓	Triangular Bandage		1 x per team	This bandage in shape of right angle triangle can be used to make a sling, as normal bandage and other applications.
✓	Wound Dressing (Sterile)		2 x per team	Dressing minimum dimensions 7.5cm x 7.5cm each. Applied to wound to prevent further harm and promote healing. Self adhesive or used in conjunction with a bandage. Gauze dressing with nonstick film recommended.
✓	Strapping Tape (Adhesive/ surgical tape)		1 x per team	One roll of strapping tape. Can be used to secure bandages or dressings and in improvised splints.
✓	Antihistamine (strong)		4 x adult doses minimum per team	Antihistamine tablets inhibits the action of histamines and can be taken in event of allergic reaction. Further medical attention may be required.
✓	Anti-diarrhoeal Medication		4 x adult doses minimum per team	Medication to provide symptomatic relief for diarrhoea to help reduce excessive fluid loss. Note Antidiarrheals do not eliminate the cause of diarrhoea. Further medical attention may be required.
✓	Medical Gloves		1 pair per team	To protect the wearer and/or the patient from the spread of infection or illness. Use medical gloves when your hands may touch someone else's body fluids (such as blood, respiratory secretions, vomit, urine or feces)

Recommended Items - Additional first aid items that are highly recommended include (not in contravention of anti-doping rules) analgesics, anti-inflammatory, electrolyte replacement, disinfectant and antiseptic solutions/creams, blister treatment, CPR face shield.

RACE SPECIFIC ITEMS

Yes/No	Name	Image	Quantity	Description
✓	Team bag/box		1 x per team	One bag (size and weigh free) with food and spare clothes. You will need to carry it for 20min on the bike.
✓	Glass, cutlery, plate		1 x per competitor	Not required during the race but essential for the post-race meal

QUESTIONS CLARIFIED:

Q. Am I required to carry an additional baselayer top or bottom if I am wearing them during the race? NO.

Q. Does a cycle top and arm warmers (or cycle tights and leg warmers) meet the requirement for baselayer top and baselayer bottom? YES

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Q. Can a team mate carry my backpack? YES however each competitor must always wear their race bib and carry a whistle.