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You must have every mandatory item in the required quantity. Every item will be checked at race check-in. Failure to have any item will result in a time penalty or you may not be allowed to start the race.

Some items are available at the RacingThePlanet Store.

- The link on each item takes you to options that are available from the RacingThePlanet Store.
- You can also purchase some of the key items through **Expedition Foods** in the United Kingdom.

MANDATORY EQUIPMENT

1. BACKPACK / RUCk	(SACK x 1
BHARMANE	 □ Capable of carrying all the Mandatory and Optional Equipment. □ There is no minimum or maximum size requirement, but a 25-32L backpack is optimal. □ There is no one backpack model that works for everyone. Popular Brands: OMM, Ultimate Direction, Osprey, RaidLight, WAA, UltrAspire
2. WATERPROOF BA	G (35L) x 1
ading the planet.	 □ The waterproof bag must be a <i>minimum</i> of 35 liters in size. □ This is to be used as an inner liner to your backpack as it is vital to keep the contents of your backpack (in particular, your sleeping bag and camp clothes) dry in the case of rain, water crossings and sweat. □ Using a combination of smaller bags does not fulfil this requirement. Popular Brands: Sea-to-Summit, RacingThePlanet Lightweight Dry Bag
3. HYDRATION SYSTI	EM (2.5L total capacity)
1	 ☐ You must carry containers that can hold 2.5 liters of water at all times. ☐ You must leave every Checkpoint with 1.5 liters of water. There may be times when you must leave with up to 2.5 liters of water (e.g., if it is a longer section or very hot).



- ☐ The most common choices are:
 - Bottles: are most popular as they allow for most flexibility. The most common set up is to have 2 x 750ml / 25 fl oz bottles attached to the shoulder straps of your backpack where they are easy to access for drinking, easy to fill and offer the option of having water in one and electrolyte / food supplement in the other. They can also be put in a front pack or carried by hand.
 - Hydration bladders: These meet the requirement but the downsides of this option is that it can be difficult to know how much fluid you have drunk / have left and can also be difficult to fill quickly.
 - Softbottle: Platypus or Salomon, at least 1 liter in capacity for the extra 1 liter capacity.

Popular Brands: RacingThePlanet Trail Running Bottle, RacingThePlanet Essential Bottle, The Rough Country Bottle Holders, Platypus, Salomon, Ultimate Direction, Hydrapak, RaidLight





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4. SLEEPING BAG (0°	°C/32°F	r) x 1
The state of the s		The minimum requirement combination of sleeping bag plus bag liner is 0°C/32°F. See the optional equipment list below for details on Bag Liners which can add up to 6°C/10°F to the rating of your sleeping bag. Popular Brands: Sea-to-Summit, Marmot, Western Mountaineering, Mountain Hardwear
5. RUNNING SHOES	c 1 pair	
		Competitors should wear trail or running shoes. Consider buying your shoes one to two sizes larger than you would normally wear to account for swelling and tape for blisters. Popular Brands: Hoka One One, Salomon, Brooks, Asics, Altra, La Sportiva.
6 SOCKS v 2 naire		
6. SOCKS x 3 pairs		6-7 pairs are recommended to allow a fresh pair for each day but only 3 pairs are compulsory. Many competitors wear two layers. Popular Brands: Drymax, Injinji, Balega, SmartWool, Thyo, ToeToe, CEP, WrightSock, TEKO, Hilly, Falke, etc.
7. TIGHTS / SHORTS	v 2	
		Two pairs of shorts / tights / pants are required. One pair must cover your full leg for warmth and sun protection. Popular Brands: 2XU, Lululemon, CW-X, Salomon, X-Bionic
a DUNNING AUDT	1	
8. RUNNING SHIRT x		One shirt is required, but we recommend two shirts, including one that is long-sleeved for sun protection and / or warmth in cold temperatures. Quick dry materials in light colors are recommended. Popular Brands: Montane, Marmot, Salomon, X-Bionic, Patagonia, Outdoor Research, Mountain Hardwear, Ronhill When you purchase a shirt or jacket, we can stitch the RacingThePlanet and nationality flag patches of your choice on the shirt for only US\$20 with our Patch Stitching service.



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9. WARM LONG-SLEEVE TOP x 1			
9. WARW LONG-SLEE	This must be a warm top (preferably fleece or down jacket). Temperatures in the desert can get very cold, especially at night and in the early morning. Popular Brands: Montane, Marmot, Yeti, Patagonia, Mountain Hardwear When you purchase a shirt or jacket, we'll stitch the RacingThePlanet and nationality flag patches of your choice on the shirt for only US\$20 with our Patch Stitching service.		
10. WATERPROOF JA	ACKET x 1_		
	☐ The jacket must be fully waterproof and also windproof, to keep you dry and warm. Popular Brands: Montane, Patagonia, Salomon, Mountain Hardwear, Marmot When you purchase a shirt or jacket, we'll stitch the RacingThePlanet and nationality flag patches of your choice on the shirt for US\$20 with our Patch Stitching service.		
44 DAIN DONCHO V			
11. RAIN PONCHO x	□ Required for additional warmth and wet protection as a rain poncho is lightweight and easy to put on/take off when the weather changes. □ It must be clear / transparent so you can see your bib through it. Popular Brands: Coghlan's		
12. CAP WITH NECK	COVER y 1		
	☐ It is required that you wear a cap with a neck cover (such as legionnaire design) ☐ A cap with a Buff also meets this requirement. Popular Brands: RaidLight, Sunday Afternoons		
13. WARM HAT x 1	☐ For warmth in the cold. ☐ A Buff does <u>not fulfil</u> this requirement. Popular Brands: Montane, Marmot, Mountain Hardwear, Patagonia, SealSkinz, Icebreaker, Buff		



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14. GLOVES x 1 pair	
**	For warmth in the cold. Full finger gloves are required. Thin but water-resistant gloves are recommended. Popular Brands: Black Diamond, Salomon, Montane, Outdoor Research, Mountain Hardwear
15. SUNGLASSES x 1	
	 ☐ Any pair of UV protection sunglasses. ☐ Only 1 pair is mandatory, but it is recommended to take 2 pairs as they are easy to break olose. Popular Brands: Julbo, Oakley, Goodr, Smith, SunGod.
16. HEADLAMP & BA	LIP LIGHT v 2
TO. TIEADEAINF & BA	Competitors are required to carry <i>two</i> light sources. ☐ One must be a headlamp; the second can be a headlamp or handheld torch. Both lights must be strong enough to use when on the course at night on uneven terrain we recommer 150 lumens or higher. Popular Brands: Petzl, Black Diamond
17. RED FLASHING L	The red flashing light is required in addition to your headlamp and back-up light. This is to be attached to the rear of your backpack and switched on when you are on the course in the dark. Popular Brand: RacingThePlanet Flashing LED Trail Running Safety Light
18. KNIFE / MULTI-TO	- x 1
8	 □ A small knife / multi-tool has multiple uses during the event. □ Scissors do fulfil this requirement but a multitool with scissors is recommended. Popular Brands: Leatherman, Victorinox



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19. WHISTLE x 1		
		To attract attention in case of an emergency. Note that many backpacks include a whistle on the buckle – this is not sufficient. You must have a separate emergency whistle. Popular Brands: RacingThePlant Whistle, RacingThePlanet Flat Whistle, Windstorm
20. MIRROR x 1		
		To attract attention in case of emergency. Reflect the sun off the mirror to draw attention to your location. Popular Brand: Coghlan's
21. SURVIVAL BIVVY	BAG x	1
		Must be a <i>closed bivvy bag</i> (not a blanket) made of reflective material. We recommend a thick bag that you can repack easily as you may want to use it over your sleeping bag in cold or wet weather conditions.
		Popular Brands: Adventure Heatsheets Emergency Bivvy, SOL Emergency Bivvy with Rescue Whistle, RacingThePlanet Emergency Bivvy
22. COMPASS x 1		
Charles and Charle		Any model is adequate; however, a compass as a part of a watch is <i>not</i> sufficient. Note: There is no navigation in the event. The compass is an emergency gear item. Popular Brand: Silva
23. SUNSCREEN (60	ml / 2 f	oz) x 1
	1	
So of the state of		A minimum of 60 ml / 2 fl oz is required, but bringing more is recommended. Choose a brand with high SPF that is waterproof, sweat-proof and non-greasy. Popular Brands: Dermatone (30ml) – you will need two tubes to meet the requirement, Cancer Society
o Dempo		Choose a brand with high SPF that is waterproof, sweat-proof and non-greasy. Popular Brands: Dermatone (30ml) – you will need two tubes to meet the requirement, Cancer
24. LIP SUNSCREEN	x 1	Choose a brand with high SPF that is waterproof, sweat-proof and non-greasy. Popular Brands: Dermatone (30ml) – you will need two tubes to meet the requirement, Cancer
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25. MEDICATION x 1



☐ Bring an adequate 7-day supply (at least 12 mild pain relief pills) so that you are not dependent on medication from the race medical team.

Important Note: You should seek advice from your doctor about any medication that you plan to take during the race, including any form of painkillers. If you take painkillers, Tylenol / Paracetamol / Acetaminophen are preferred over anti-inflammatory medications such as Ibuprofen / Neurofen / Advil / Motrin / Naprosyn and others. It is NOT advised to take anti-inflammatory medication on the course. Please read the expert article called Painkillers Used during Ultramarathons for more details.

26. BLISTER KIT x 1



- The following list is a minimum requirement. You may need more supplies based on your experience and prior history of foot blisters:
 - 10 x alcohol wipes
 - 2 x hypodermic needles or safety pins
 - 1 x roll of paper tape (i.e. Micropore)
 - 1 x roll of elastic tape (i.e. Elastikon)
 - 5 x Spenco 2nd Skin or Compeed pads

Note 1: Lubricant such as Bodyglide or 2Toms BlisterShield Powder is also highly recommended. Foot powder is recommended for feet that sweat a lot.

Note 2: You should try to anticipate the amount of supplies you will need for 7 days. If you do not bring enough supplies, you could be at risk of developing more severe blisters that could jeopardize your ability to finish the race.

Popular Brand: RacingThePlanet Blister Kit (includes all blister kit items PLUS practical instruction sheet). Created by the RacingThePlanet medical team.

27. COMPRESSION BANDAGE x 1



☐ The minimum size requirement is 7.5 cm/3 in wide x 4.5 m /14 ft long (6 cm/2.4 inches in diameter). The compression bandage can be used for strapping an ankle / knee, slinging an arm injury, bandaging a lesion or head wound to prevent bleeding, etc.

Popular Brand: Smith & Nephew

28. SAFETY PINS x 10



A minimum of 10 safety pins are required for attaching your bib number (front and back) and for multiple uses during the event.

Popular Brand: The Rough Country Safety Pins





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29. ALCOHOL GEL (60 ml / 2 fl oz)			
THE STATE OF THE S	 □ A minimum of 60 ml / 2 fl oz is required, but it is recommended to bring more. □ Alcohol wipes cannot replace alcohol gel, but you may choose to carry both. Hand gel is more effective than hand spray. Popular Brand: Purell 		
30. TOILET TISSUE / V	VET WIPES		
	 □ No tissues or paper will be provided for toilet use. □ It is recommended to also bring wet wipes (5-10 wipes per day are recommended). Popular Brand: The Rough Country Lite Hand Towel 		
31. NATIONALITY PAT	TCHES (all tops)		
\$5	 ☐ You must wear RacingThePlanet and nationality patches on <u>both sleeves of all tops</u> (including jackets) throughout the event. Nationality patches – need to be sourced by the competitors. RacingThePlanet patches are provided by RacingThePlanet and sent to you the post before the race. 		
	Patches can be silkscreened onto all tops instead of sewing patches – see the <u>Patch Placement Instructions</u> in the Competitor Area of the website for more details.		
	Popular Brands: The Rough Country Nationality Patches		
	We can now assist you with Patch Stitching. By selecting this option, you can now get your RacingThePlanet and nationality flag patches stitched on your shirt(s) and/or jacket(s). When you purchase a shirt or jacket and nationality flag patches, also purchase the Patch Stitching service and we'll stitch the RacingThePlanet and nationality flag patches of your choice for you.		
·			
32. RACINGTHEPLAN	ET PATCHES (all tops)		
racina	☐ We will send you these patches in the post before the event. You do not need to purchase these.		

See also above for Patch Stitching Service.

Patch Placement Instructions in the Competitor Area of the website.

The RacingThePlanet logo can be silkscreened onto all tops instead of using patches - see the



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33. ELECTROLYTES / SALT TABLETS (7-Day Supply)



Maintaining your body's electrolyte balance is critical for a safe race. It is strongly recommended to bring a mixture of electrolyte tablets AND electrolyte drink powders. You must bring a minimum of:

Enough powder to make a minimum of 30 liters of drink OR

- Enough salt tablets / Endurolytes for 30 hours on the course (usually minimum is 1.5 tablets per hour=45 tablets) OR
- A combination of both, e.g., powder for 15 liters of water and tablets for 15 hours on the course.

If you expect to spend more than 30 hours on the course, then you should increase this accordingly. It is vital that you test your electrolyte plan during your training and follow the amounts recommended on the packets.

Popular Brands: Nuun, Tailwind, Dripdrop, Hammer Nutrition, SaltStick

34. SEVEN-DAY FOOD SUPPLY

\Box	The race is self-supported	which moone	you need to bring	all your food f	or the entire event
ш	The race is self-supported	wnich means	vou need to bring	i ali vour tood t	or the entire event.

A minimum of 14,000 calories (2,000 calories/day) for the race (7 days).

☐ In addition to the 14,000 calories you need to bring an evening meal for Camp 1 before the race starts.

Freeze Dried Meals



We recommend using freeze-dried meals as your main food source. Hot water will be available at all campsites.

Popular Brands: Expedition Foods (freeze dried, high calorie meals) (www.expeditionfoods.com)

NOTE: Expedition Foods have put together a Ration Pack which provides the minimum calories required -- 14,000, including all main meals plus energy bars/gels and electrolytes. This company is based in the UK, but they ship around the world including the US.

Energy Bars / Gels



To avoid an upset stomach, be sure to test your bars and gels during training.

Popular Brands: Clif, GU, Hammer Bars & Gels, Honey Stinger, Nakd. Note: there are so many brands, just select something that works for you.



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Nutrition Supplements There are a lot of choices. The ones listed are recommended by past RacingThePlanet competitors. Popular Brands: Hammer Perpetuem, Hammer Sustained Energy, Hammer Recoverite, Tailwind Drink Mixes Bring your favourite drink mixes for mornings and evenings around camp. Popular Drinks: Coffee, Tea, Hot Chocolate, Bouillon Cubes Snacks An important part of your food supply. We recommended bringing a good variety of snacks. Popular Brands: Beef Jerky, Biltong, Instant Noodles, Dried Fruit, Potato Chips, Parmesan Cheese, Instant Oatmeal. Many of these are available at www.expeditionfoods.com. 35. EATING UTENSIL x 1 Ideally bring more than one in case you lose one. Popular Brands: Light My Fire, Sea-to-Summit, Expedition Foods Unbreakable Spoon





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The items listed below are NOT mandatory but are items that we recommend you consider bringing.

OPTIONAL EQUIPMENT

36. SINGLE TENT x 1				
	 □ Competitors sleep at Camp each night. Most people sleep in communal tents with six of people. These tents are provided by RacingThePlanet and set up by our Camp team. □ If you would prefer to sleep in a single tent, you can bring your own tent which we will cafor you from Camp to Camp. You will need to set this up and take it down at each Camp. Popular Brands: Marmot, NEMO, MSR, Big Agnes 	arry		
37. SLEEPING PAD x				
	Select a small size to save weight or a regular size for added comfort and warmth. S inflating pads are light but can be difficult to eliminate air for packing and can punction Tents provided in the event do not have any ground padding. Highly recommended insulation against the cold ground at night. Popular Brands: Therm-a-Rest, Sea-To-Summit, NEMO, Exped	ure.		
38. GAITERS x 1				
THUSH COUNTY	 This is a personal choice - some wear gaiters, others do not. Ankle gaiters keep debris of your shoes. Highly recommended for sand and grit. Note: These should be sewn or work properly. Popular Brands: The Rough Country Trail Running Gaiters, The Rough Country Silkworm Gait Salomon, Raidlight 	n to		
39. BUFF x 1	☐ A Buff is ideal as it can be used for multiple purposes - scarf, headgear, sweatband, Highly recommended Popular Brand: Buff	etc.		
40. TREKKING POLES	c 1			
	☐ Useful if you intend to walk the majority of the course. You must train with poles if you p to use them. Popular Brands: Black Diamond, Leki, Raidlight	olan		
41. EATING BOWL / C	P v 1			
T. EATING BOWL / C	Useful for eating and drinking. Popular Brand: Sea to Summit			



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40. CAMB OLICEO 4		
42. CAMP SHOES x 1		
		Flip flops, slippers or similar are recommended for walking around camp and post-race comfort – choose the lightest model you can find. Popular Brands: Keen, Sole, Crocs
43. SPORTS BRA x 3		
		Women's comfort Popular Brands: CW-X, Lululemon, Patagonia, Brooks
44 WATERROOF / 6	AND E	
44. WATERPROOF / S	SAND-F	PROOF BAGS, ZIP-LOCK BAGS x 10
racing/teplanet.		Pack your food and small items in zip-lock bags. For valuable items (i.e., cameras & passports), you may consider waterproof / sandproof bags. Popular Brands: Aloksak, Outdoor Research, Sea-to-Summit, RacingThePlanet TPU Pouch
2.0		
45 500/5		
45. TOWEL x 1		
		For cleaning up at camp
Minister States Court 5		Popular Brands: The Rough Country Lite Towels, Sea-To-Summit Pocket Towel, Sea To Summit Travel Drylite Towel Antibacterial
46. TOOTHBRUSH &	TOOTH	IPASTE x 1
		A small-sized travel toothbrush is recommended. Popular Brand: Toob Brush
47. WATCH / GPS x 1		
		A watch alarm and timer can be useful. Speed and distance monitor (pedometer), barometer and heart rate monitors can also provide interesting feedback.
		NOTE 1: there are no charging facilities at Camp, you will need to find a way for the battery to last a week either by carrying a portable charger or changing the settings. NOTE 2: The course is marked every 25 meters and GPS coordinates are not provided. A GPS is most useful for tracking distance.
		Popular Brands: Garmin, Coros, Polar, Suunto
48. CAMERA x 1		
46. CAIVIERA X T		
		You may choose to bring a camera to record the amazing scenery and your experience.
		Note there is also the option to purchase a Personal Photo Package.
MEGN		If your camera is not waterproof, keep it in double zip lock bags. Note: You will not have access to charging facilities at Camp.



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49. PHONE x 1				
• 60 G • 9 9 • 9 0 G 0 0 0 10 6 0 20		Phones are not allowed to be used during the race. They can be carried in case of an emergency but note that there is no phone reception on large parts of the course. You can carry your phone for emergency use and for taking photos and videos or listening to music. Keep it in a waterproof / sand proof bag. Note: You will not have access to charging facilities at Camp.		
50. CHARGER x 1				
		A way to charge your powered devices. Solar panel chargers must not cover your race bib which is fixed to your backpack. Popular Brands: Powertraveller, Yolk Station		
51. SLEEPING BAG L	INER x	.1		
		Sleeping bag liners are a great way to add additional warmth to lightweight sleeping bags. Most bag liners add approximately 6°C/10°F. This can be used towards your sleeping bag rating.		
		Popular Brand: Sea-To-Summit		
52. CHEST / HIP PACI	(C v 1			
32. CHEST / HIP PACE	VO X I			
		Chest and hip packs can increase capacity without additional load on your back.		
Island		Popular Brands: Inov-8, OMM, RaidLight, Montane, UltrAspire, Ultimate Direction		
53. COMPRESSION S	ocks	x 1		
		Socks to help with your recovery process at the end of each day.		
		Popular Brands: 2XU, Compressport, CW-X, CEP		
54. INSECT REPELLE	NT x 1			
1		You may come across flies and mosquitos.		
		Popular Brand: Sawyer		
55. SAND GOGGLES	x 1			
		The course is a second with the course it like to be a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the course it is a second with the course it like the cours		
	Ц	The course is very sandy with the possibility of windy conditions, the use of sand goggles can help tremendously with visibility.		
		Popular Brands: Oakley, Julbo, Goodr		