

Week 11

Q103- In the booklet, it says that the team has 5 minutes off to the side to assemble its device. How much time does it have to set it up on the track and position the fans?

See 4.4 in the booklet.

Q104- If a team makes it to the final round, can it then modify its vehicle?

Yes. The team will again have 5 minutes and during this time it can modify its vehicle as it wishes.

Q105- If our device starts to run as soon as the fans are turned on, at the end of the 90-second period can a team member turn on an energy storage system that accumulated energy while the fans were running?

Of course, this starting operation is performed with a single action and involves the transformer base and not the vehicle.

No. It's not the action taken to start the system that is the problem; it's the fact that the device must be autonomous after the vehicle has begun to move. See Q83.

Q106- Can the 2 boxes containing the material be joined together to make a single, larger box?

No. See Q23.

Q107- Can you tell us the exact dimensions of one box. Rule 9 indicates the type of box but not its dimensions.

See Q75.

Q108- Further to question 87, is the device allowed to touch a fan - without stopping - as it runs around the track? For instance, can a sail brush against a fan, without modifying the vehicle's trajectory as it makes its way around the track?

Yes. However, if the fan is thrown out of balance and falls, Rule 2.8 will apply and the team will be disqualified.

Q109- Are we allowed to have a sail on our device when the fans turn at their maximum speed (setting 3) and then remove it when the fans turn at moderate speed (setting 2)?

Yes.