## RaceDay Scoring Segments Refresher

May 6, 2025



RaceDay
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## Today's **Agenda**

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- What are Segments?
- Setting up a Segment
- Standard Splits
- Multi-Sport Segments
- Rest Segments
- Lap Segments
- Q&A

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# What are **Segments?**

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# What are Segments?

Segments are how RaceDay Scoring calculates Times and Paces for Participants.

- They use Timing Locations as Start and End Points to calculate the time it takes to get between them.
- All Scored Events have an "Entire Race" Segment, which is the time from the very start to the finish line.
- Additional Segments can be created for splits, multiple laps, triathlons, or other specific sections of the race.

Learn more about setting up Segments here: <u>Create additional Segments</u> for an Event : RaceDay Scoring (rdscoring.com)



# What are **Segments?**

#### Example:

• Creating a "Second 5k" segment for a 10k race.

#### Segment Distance vs. Cumulative Distance:

- Segment Distance: The distance covered by this specific segment (e.g., 5k for the "Second 5k" segment).
- **Cumulative Distance:** The total distance covered up to the end of this segment (e.g., 10k for the "Second 5k" segment, 5k for the ""First 5k" Segment).

#### Minimum Allowed Time:

 You can set a minimum allowed time for a segment to prevent unrealistic or erroneous times.



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To get started, navigate to the Segments tab.



Here you can view existing Segments for a given Event.

From this area you can switch which Event's Segments you're working on, add Segments, copy Segments from one event to another, and view details about existing Segments.

Note: When you use the save button, it saves all Segments for all Events at once, not just the Segments for the Event that is currently selected, so sometimes you may see an error for an Event you are not currently working on Segments for - that is expected. Be sure to read the error message fully to understand what exactly needs to be corrected.





Segments are set up using a Start Point and Start Point Occurrence and an End Point and End Point Occurrence. These are determined by Locations - note that locations need to have at least as many occurrences expected as the Segment is using.

Start Point Info			End Point Info		
Start Point	5M	•	End Point	10M	•
Start Point Occurrence to Use		1	End Point Occurrence to Use		1

If the Segment you are setting up begins at a Clock Start, Choose Clock Start for the Start Point and the Scored Event whose Clock Start should be used as the beginning of the segment.

Start Point Info		
Start Point	Clock Start	
Scored Event to Use	Marathon	v

Basic Info					
Name	10M	Segment Distance	5	<ul><li>Miles</li></ul>	⊖ KM
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	<ul> <li>Miles</li> </ul>	⊖ KM
Is Rest Segme	ent Columns	Расе Туре	Min/Mile		
		Minimum Allowed Time	HH · MM · SS MS X		

When naming segments, be aware that this is what will display on the RSU results site and be exported in reports.

Basic Info						
Name	10M	Segment Distance	5	Miles	⊖ KM	
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	Miles	⊖ KM	
Is Rest Segme	ent Columns	Расе Туре	Min/Mile			V
		Minimum Allowed Time	HH: MM: SS. MS ×			

Also note that at the top of the segment, or in the minimized bar for the segment, the Segment distance and location/occurrence information is visible at a glance.

asic Info						
lame	10M	Segment Distance	5	Miles	⊖ KM	
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	<ul> <li>Miles</li> </ul>	⊖ KM	
Is Rest Segme	ont Columns	Расе Туре	Min/Mile			V
		Minimum Allowed Time	HH: MM: SS. MS ×			

Segment Distance, as noted before, is the distance from the Start Point to the End Point

Basic Info				
Jame	10M	Segment Distance	5	Miles KM
Once this Segr	ment has been completed, do not use later reads to geometric segments.	Cumulative Distance	10	• Miles 🛛 KM
Is Rest Segme	nt port Columns	Расе Туре	Min/Mile	V
		Minimum Allowed Time	HH · MM · SS MS ×	

Cumulative Distance is the total distance accumulated for the indicated occurrence on the End Point

Basic Info						
Name	10M	Segment Distance	5	Miles	⊖ KM	
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	Miles	⊖ KM	
Is Rest Segme	ent Columps	Pace Type	Min/Mile			V
	port columns	Minimum Allowed Time	HH · MM · SS MS X			

**Pace Type** dictates what will show in the pace column, and should be set based on the type of event or discipline taking place during the segment, for example Min/Mile for running, MPH for biking etc. Keep in mind there is a "Do NOT Display" option as well

Basic Info						
Name	10M	Segment Distance	5	Miles	⊖ KM	
Once this Seg	ment has been completed, do not use later reads to	Cumulative Distance	10	Miles	⊖ KM	
Is Rest Segme	ent	Расе Туре	Min/Mile			V
Hide from Rep	port Columns	Minimum Allowed Time				

**Minimum Allowed Time** is the shortest time allowed for the segment. When setting up locations, Gap Factors should be set to accommodate the shortest possible time for a segment (e.g. a Sprint Triathlon bike) while the **Minimum Allowed Time** should apply to the specific event (used to make sure Olympic bike isn't cut short)

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Basic Info					
Name	10M	Segment Distance	5	<ul><li>Miles</li></ul>	⊖ KM
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	<ul> <li>Miles</li> </ul>	⊖ KM
<ul> <li>Is Rest Segme</li> <li>Hide from Re</li> </ul>	ent port Columns	Расе Туре	Min/Mile		
<u> </u>		Minimum Allowed Time	HH: MM: SS. MS ×		

**Once this Segment has been completed...** Prevent negative segment times that could occur because an earlier occurrence was missed. For example, if you have an out and back course with a reader on the way out and at the turnaround, and a person misses a read on the way out, then is picked up at the turnaround, then gets a read on the way back in, we would think that the read on the way back was their first read. This setting will prevent that read from being accepted.

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Basic Info						
Name	10M	Segment Distance	5	<ul><li>Miles</li></ul>	⊖ KM	
Once this Segment has been completed, do not use later reads to		Cumulative Distance	10	<ul> <li>Miles</li> </ul>	⊖ KM	
Is Rest Segment		Расе Туре	Min/Mile			V
		Minimum Allowed Time	HH: MM: SS. MS ×			

**Hid from Report Columns** can be used for splits you don't want to be public (Cheater splits), Rest Segments, or if a split is getting "bad" data.

## Copying Segments

Rather than setting things up repeatedly if you have a Marathon and Marathon Relay, you can simply copy them over - or even copy the Marathon to the Half Marathon and delete the splits that aren't shared.

Half Marathon Segments	Half Marathon COPY SEGMENTS	ADD A SEGMENT

Keep in mind that any segment ending on the Entire Race's finish occurrence **MUST** line up with the entire event's distance or you will not be able to save the segments.

# Standard Splits



### Standard **Splits**

Most of the time split are used in Endurance events to give the participants more feedback post-race, enhance the spectator experience through tools like RaceJoy or TXT notifications, and allow the timer to evaluate performances.

Split locations are chosen on the criteria of:

- Is the data useful to the runner (is the increment something that makes sense, like 5K, 5M, Halfway?)
- Is the data useful for the spectator (does this help predict where to cheer for friends and family or know when they will finish?)
- Is the data useful to the timer (can this data help tell if someone cut the course or ran a different course than they registered for?)
- Is the location accessible to put hardware (or is density low enough to implement Mobile Timing as a pseudo-chip stream?)

## Standard Splits

Standard Split setup for a running event requires an Occurrence between the Start and Finish occurrences for the scored event. This can be a completely separate Stream and Location, or this can be an intermediate Occurrence, such as a lap over the Finish mat. In the example below, the 5K Split is the first lap over the Finish line.

Basic Info				
Name	5К	Segment Distance	5	Miles KM
Once this Segment h	as been completed, do not use later reads to	Cumulative Distance	5	O Miles • KM
Is Rest Segment		Расе Туре	Min/Mile	v
Hide from Report Co	lumns	Minimum Allowed Time	HH: MM: SS. MS ×	
Start Point Info		End Point Info		
Start Point	Start	End Point	Finish	<b>V</b>
Start Point Occurrence to		1 End Point Occurrence to	o Use	1

## Standard Splits

It's important to remember that if there are multiple splits on the course, the Segment should be set up from the previous location to the current location, in the example below that is from the 5K split location to the 10K split location. RDS automatically handles the cumulative information based on the distance input.

OK 5 K 5K   O	cc. 1 $\rightarrow$ 10K   Occ. 1				<b>—</b> 4
Basic Info					
Name	10К	Segment Distance	5	⊖ Miles	• KM
Once this Segment has been completed, do not use later reads to		Cumulative Distance	e 10	) Miles	• KM
Is Rest Segment	Columns.	Расе Туре	Min/Mile		V
	Columns	Minimum Allowed	Time HH : MM : SS . MS		
Start Point Info		End Point Info			
Start Point	5K	The End Point	10К		V
	e to	1 End Point Occurr	ence to Use		1

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# Multi-Sport/Triathlon **Segments**



## Multi-Sport/Triathlon Segments

Multi-Sport splits differ from single-discipline splits because it is helpful to separate the entirety of one discipline from the others and look at it as a whole, even if there are splits within that discipline.

For example, in a Triathlon the expected Segments are:

- Swim
- Transition 1 (T1)
- Bike
- Transition 2 (T2)
- Run

Even if there are lap splits on the Bike Course, this is a necessary report to create, as USAT sanctioned events will require reporting in that format.

## Multi-Sport/Triathlon Segments

Multi-Sport segments also differ greatly from Standard segments in how they are presented as different disciplines will have different pace presentation expectations.

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Typically, this means:

- Min/100 Yards or Min/100 Meters for Swim
- MPH or KPH for Bike
- Min/Mile or Min/KM for Run .
- **Do NOT Display** is used for Transitions

Min/Mile	
MPH	
Min/KM	
КРН	
Min/100 Yards	
Min/100 Meters	
Do NOT Display	

## Multi-Sport/Triathlon Segments

When setting up Transition segments, the time that participants spend switching disciplines (often in a Transition Area or Transition Zone), it is common practice to set the Segment Distance to 0. Participants and spectators do expect to see these segments, so do not hide them from reports, but instead set Pace Type to Do NOT Display

The Cumulative Distance should match the Cumulative Distance at the end of the Segment that preceded the Transition. While it is helpful and recommended to set a Minimum Allowed Time for Transition segments, keep in mind that Relay teams often go through these exchanges extremely quickly.

<b>T1</b> 0 K T-ln   Occ. 1	$\rightarrow$ T-Out   Occ. 1				1	
Basic Info						
Name	T1	Segment Distance	0	⊖ Miles	• KM	
Once this Segment ha	s been completed, do not use later reads to	Cumulative Distance	1	⊖ Miles	• KM	
Is Rest Segment	5. Imps	Расе Туре	Do NOT Display			•
		Minimum Allowed Time	HH: MM: SS. MS ×			

## Rest Segments

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## Rest **Segments**

Rest segments are a unique type of segment that represents time NOT spent participating in the event, and are actually **subtracted** from the calculation of Finish (minus) Start. These are most commonly used for Combo/Challenge events where participants will participate in two different scored events, but also have their combined time used.

A good example of a Challenge event would be running the 5K, then running the 10K. The 5K would be the first segment, and then there would be a Rest segment between the end of the 5K and start of the 10K, with the 10K being the third segment.

Another use for Rest segments would be certain types of Ultras or Lap races, where participants can take breaks between running some or all of the course.

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### Rest Segments

Setting up a Rest segment shares some similarities with Transition segments, but there are a few key differences that are required.

- Segment Distance should be 0
- **Cumulative Distance** should match the end of the Segment that preceded the Rest Segment
  - For example, in the Combo event mentioned before the Cumulative Distance for the Rest Segment would be 5K, as the 5K event was completed first
- Is Rest Segment must be selected for this to be subtracted from the total time
- It is common practice to select Hide from Report Columns

Basic Info					
Name	Rest	Segment Distance	0	⊖ Miles	KM
Once this Seg	ment has been completed, do not use later reads to	Cumulative Distance	1	<ul> <li>Miles</li> </ul>	KM
<ul> <li>Is Rest Segme</li> <li>Hide from Ret</li> </ul>	nt columns	Расе Туре	Do NOT Display		
		Minimum Allowed Time	HH: MM: SS. MS ×		

## Rest **Segments**

Here is an example of the Segments of the Challenge event mentioned before:

<b>iii</b> Both Entire Race 15 K Start/Finish   Occ. 1 $\rightarrow$ 10K Start/Finish   Occ. 2	
III 5K 5 K Start/Finish   Occ. 1 $\rightarrow$ 5K Start/Finish   Occ. 2	<b>* *</b>
<b>III REst</b> 0 K 5K Start/Finish   Occ. 2 $\rightarrow$ 10K Start/Finish   Occ. 1	<b>* *</b>
III 10K 10 K 10K Start/Finish   Occ. 1 $\rightarrow$ 10K Start/Finish   Occ. 2	<b>* *</b>
COPY SEGMENTS ADD A SEGMENT SAVE	

Basic Into						
Name	5К	Segment Distance	5	Miles	KM	
Once this Segment has been completed, do not use later reads to For other Seg		Cumulative Distance	is from being accepted after Find en times by preventing reads fro	Miles	KM	
complete earlier Segments. used for earlier the Cumulative			eet <u>t completed. Note: This settin</u> might the order of Segments.			
Hide from Report Columns		Расе Туре	Min/Mile			V
		Minimum Allowed Time	0 : 15 : 00 000 ¥			
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			0.15.00.000			_
Start Point Info		End Point Info	0.15.00.000			
<b>Start Point Info</b> Start Point	5K Start/Finish	End Point Info     End Point	5K Start/Finish			v

Basic Info						
Name	Rest		Segment Distance	0	O Miles	• KM
<ul> <li>Once this Segment has been completed, do not use later reads to complete earlier Segments.</li> <li>Is Rest Segment</li> <li>Uide from Depart Columns</li> </ul>			Cumulative Distance	5	⊖ Miles	• KM
			Расе Туре	Do NOT Display		$\nabla$
			Minimum Allowed Time	HH : MM : SS . MS ×		
			End Point Info			
Start Point Info				10K Start/Einish		V
<b>Start Point Info</b> Start Point	5K Start/Finish	V	End Point	Tok Starty Hilbit		

UK IUK IUK Start/					-	
Basic Info						
Name	10К		Segment Distance	10	O Miles	
Once this Segment has been completed, do not use later reads to		Cumulative Distance	15	O Miles		
Is Rest Segment			Расе Туре	Min/Mile		W
	111115		Minimum Allowed Time	0 : 25 : 00 . 000 ×		
Start Point Info			End Point Info			
Start Point	10K Start/Finish	v	End Point	10K Start/Finish		V
Start Point Occurrence to		1	End Point Occurrence to Use			2

#### ••• Lap Segments



### Lap **Splits**

Lap events can also have segments, where two or more segments added together create a lap. This will be covered in more detail in next week's webinar, but to highlight in brief:

- Locations are still used in Lap segments similar to traditional splits
- Lap segments are added together to get a full distance of the lap
- Lap locations must be identified as such
- Segments are added together in "Set Up Laps"

Individual - 12 Hour Segments	Individual - 12 Hour V SET UP LAPS	COPY SEGMENTS	ADD A SEGMENT	SAVE
III Long Lap (to Timing Point) 4.5 M Long Loop				<b>† V</b>
III Short Lap 1 M Finish				<b>* *</b>
III Long Lap (from Timing Point) 0.5 M Finish				<b>* *</b>

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## Questions?

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## Next Week: Advanced Segments

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## Today's **Agenda**

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- Section Title for Topic Number Two
- Section Title for Topic Number Three
- Section Title for Topic Number Four
- Section Title for Topic Number Five
- Section Title for Topic Number Six
- Section Title for Topic Number Seven

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- Section Title for Topic Number One
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- Section Title for Topic Number Four
- Section Title for Topic Number Five



## Hear From Our Customers

Jane Doe • Job Title Goes Here Company Name Goes Here

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Limit the number of words for maximum retention.



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- This layout is best for content with short, bulleted list items
- Use as little text as possible
- Slides should be a visual aid to what you're saying

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- Basic Charts & Graphs
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### RaceDay Suite Logos















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### RunSignup Icons

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### Basic Charts & Graphs

#### **Chart Title**

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