



ASC 2016 Timing Clarifications

ASC 2016 Checkpoint Close Times

Type	National Park Host	Specific Location	Official Mileage	Solar Car Close Time (local time)
Start	Cuyahoga Valley NP	Station Rd Bridge Trailhead	---	---
Checkpoint	Dayton Aviation Heritage NHP	Carillon Historical Park (partnership property)	218	Jul 30 @ 5:45 PM
Stage Stop	George Rogers Clark NHS	George Rogers Clark NHS	238	Jul 31 @ 6:00 PM
Checkpoint	Ulysses S. Grant NHS	Grant's Farm (partnership property)	185	Aug 1 @ 3:30 PM
Stage Stop	Wilson's Creek National Battlefield	Stage 2 Finish: Republic High School (partnership property) Stage 3 Start: Wilson's Creek National Battlefield	326	Aug 2 @ 6:00 PM
Checkpoint	Brown vs Board of Education NHS	Brown vs Board of Education NHS	252	Aug 3 @ 5:45 PM
Checkpoint	Homestead NM of America	Heritage Center	143	Aug 4 @ 1:30 PM
Stage Stop	Scotts Bluff NM	Visitor's Center	456	Aug 5 @ 6:00 PM
Finish	Wind Cave NP	Visitor's Center	158	Aug 6 @ 4:00 PM

Please note: solar car close times for teams may differ from the public close time for the stage/checkpoint location. Many locations will have additional activities and interpretation exhibits going on for the public before, during, and after the solar cars are onsite.

Adjustment to Start of Stage 1

- **The Start at Cuyahoga Valley NP will occur at 8:30am** (instead of the nominal 9:00am) to avoid a conflict with the train schedule for the railroad tracks teams will cross immediately after leaving the start line. The driving day will still end at 6:00 PM, netting an additional 30 minutes of drive time for Stage 1.

Regulation Change for 2016

- To ease overall timing complexity, teams will no longer be responsible for adjusting for the 1-minute interval at the stage starts. Instead, timing officials will make the 1-minute interval allowance at the end of the stage, netting teams the same amount of available driving time for the stage. This results in the same end-of-day grace period (5:45-6:30 PM) for all teams regardless of starting order at the stage start. See Reg 9.12.E for start time adjustment and 9.15 for end-of-day grace period adjustment.

Checkpoints

- All checkpoints are 45 minutes in length.
- Any team in the Ulysses S. Grant NHS and Homestead NM of America checkpoints when they close will continue to serve their 45-minute checkpoint time before they can resume driving.
- Any team in the Dayton Aviation Heritage NHP and Brown v Board of Education NHS checkpoints when they close will finish serving their checkpoint time. Because this will occur during the end-of-day grace period (5:45-6:30 PM), these teams will then declare end of day and go directly into evening charging. Teams that arrive at these checkpoints after the published close time but still during the end-of-day grace period will have missed the checkpoint and immediately go into evening charging. The next morning, teams may start driving in accordance with their grace period adjustment.
- Teams that arrive at a checkpoint after it closes and outside of their end-of-day grace period do not need to stop at the checkpoint location. Please see the route book for details on the route at each checkpoint.

Time Zones

- These adjustments and clarifications pertain to regulation 9.10.B.
- **The start of Stage 2 on Monday, August 1 will be on Central Time.** The time change from Eastern to Central Time occurs at the start of Stage 2. Since the actual time zone change occurs less than a mile off the start line, all teams will start Stage 2 on Central Time. Hence, we will be starting at 9:00 AM Central (10:00 AM Eastern), which means that battery un-impound and morning charging will start at 7:00 AM Central (8:00 AM Eastern).
- **All teams will have until 6:00 PM Mountain Time to complete Stage 3.** The time change from Central to Mountain Time occurs during Stage 3 between Homestead NM of America and Scotts Bluff NM, at Step G114 in the route book.
 - If your team begins August 5 in Mountain Time, you will have until 6:00 PM Mountain Time to complete the stage
 - If your team begins August 5 in Central Time, you will have until 7:00 PM Central Time (6:00 PM Mountain Time) to complete the stage.
 - This allows for a single, common stage close time and also allows for common evening charging hours, with battery impound for all teams at 8:00 PM Mountain Time.

Time Zone Cheat Sheet

Mountain Time	Central Time	Eastern Time	Notes
5:00 AM	6:00 AM	7:00 AM	
6:00 AM	7:00 AM	8:00 AM	
7:00 AM	8:00 AM	9:00 AM	
8:00 AM	9:00 AM	10:00 AM	Stage 2 begins at 9 AM Central / 10 AM Eastern
9:00 AM	10:00 AM	11:00 AM	
10:00 AM	11:00 AM	Noon	
11:00 AM	Noon	1:00 PM	
Noon	1:00 PM	2:00 PM	
1:00 PM	2:00 PM	3:00 PM	
2:00 PM	3:00 PM	4:00 PM	
3:00 PM	4:00 PM	5:00 PM	
4:00 PM	5:00 PM	6:00 PM	
5:00 PM	6:00 PM	7:00 PM	
6:00 PM	7:00 PM	8:00 PM	Stage 3 will end at 6 PM Mountain