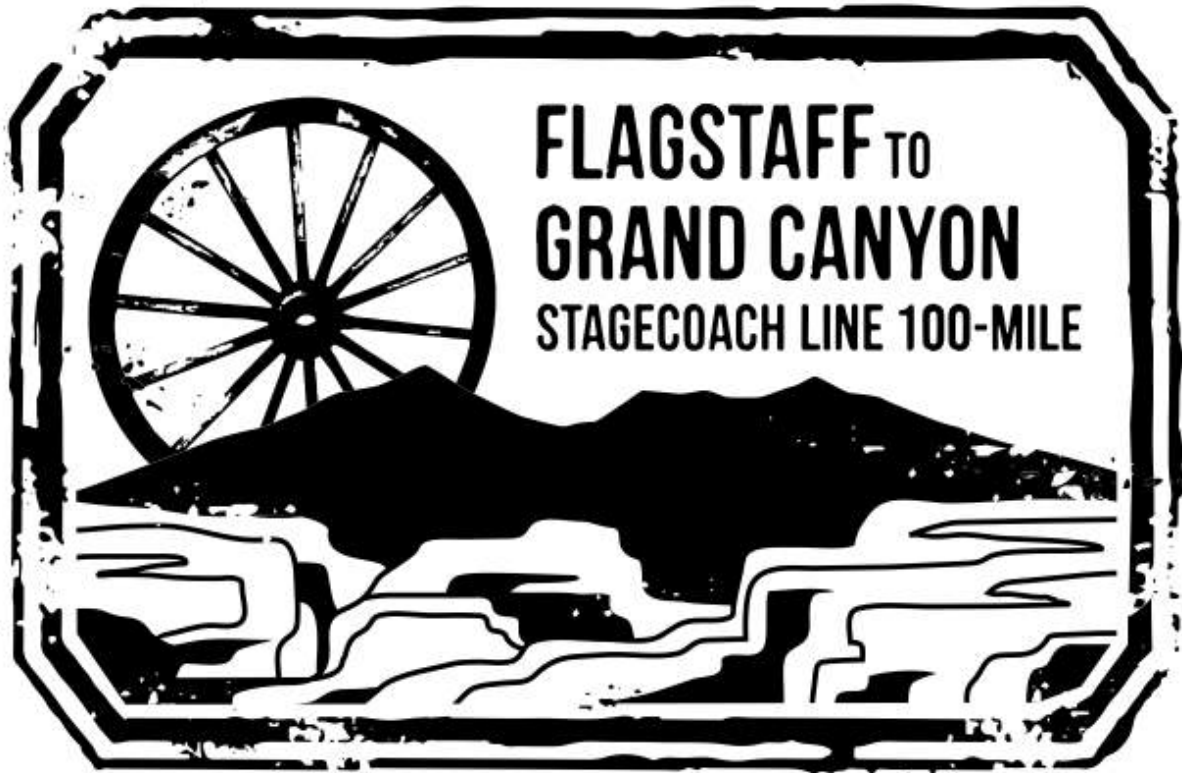


# ***MTB Participant Manual***



## ***Flagstaff to Grand Canyon Stagecoach Line 100-Mile Mountain Bike Race***

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***Flagstaff, Arizona  
September 17, 2022  
6AM***

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***Presented by Babbitt Ranches***

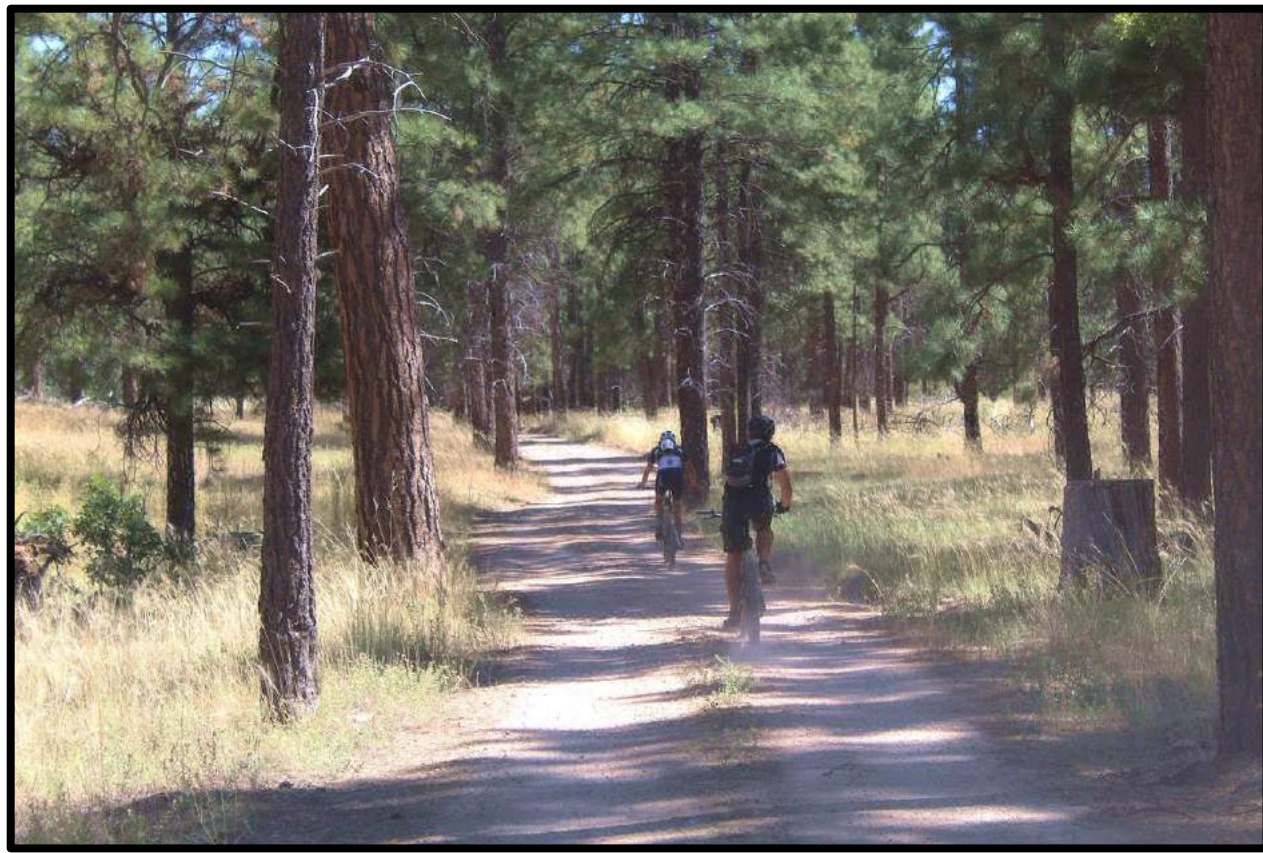


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**COVID NOTICE: During race weekend we will adhere to any/all local, state, and federal mandates that revolve around the COVID pandemic. Participants will be expected to follow said protocols that might include masking, proper hygiene, social distancing, etc.**

**©2022 The Flagstaff to Grand Canyon Stagecoach Line races are conducted under special use permit of the Coconino and Kaibab National Forests.**



## **Race Management**

**Race Director**

**Co-Race Director**

**Mountain Bike Co-Race Directors**

**Medical Directors**

**Coconino County Sheriff's SAR Coordinator**

**Coconino Amateur Radio Club Coordinator**

**Timing & Tracking**

**Ian Torrence**

**Emily Torrence**

**Dana & Jen Ernst**

**Eric True & Scott Bajer**

**Bart Thompson**

**Janice Enloe**

**Run Flagstaff and UltraLive.net**



[ultralive.net](http://ultralive.net)

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## **Brief Event Description**

This mountain bike event begins a few miles north of Flagstaff, Arizona, near the intersection of Snowbowl Road and Route 180, and finishes in Tusayan, Arizona, the entrance of Grand Canyon National Park. A majority of the Stagecoach course follows the Arizona Trail and the historic Flagstaff to Grand Canyon Stagecoach Line route used by adventure seeking tourists between 1897 and 1901. Many of today's race-day aid stations are located at the original stage line rest stops and watering holes.

Course terrain varies between single-track, two-track, and maintained forest dirt roads. Bikers pass from heavily vegetated ponderosa pine and alpine aspen forests to sparsely vegetated pinion-juniper grasslands and back again. The 100-mile course starts near 7,300', reaches a maximum elevation of 8,800' (at Aspen Corner, mile 6), finishes at 6,600' (Tusayan), and has approximately 7,000' of climbing.

Bikers traverse over a shoulder of Arizona's highest mountain, Humphrey's Peak, through the high alpine meadows, across 422-square mile Babbitt Ranches, and along the Coconino Rim where views of the Grand Canyon, Painted Desert, and Navajo Mountain await.

## **Qualifying**

There are no qualifying standards for the Stagecoach MTB race. We trust you, as an athlete, to know your own abilities and to be the best judge of your fitness. **We caution:** You should have backcountry biking experience before starting this 100-mile solo event. Much of the event takes place above 7,000 feet. Expect all types of weather: wind, rain, hail, lightning, and snow. The terrain is mountainous and rocky, and trail conditions may be wet and slippery. You will encounter wild animals and/or cattle. **We promise:** You will be greeted with a well-marked and challenging mountain ride through alpine vegetation, spectacular autumn scenery, terrific aid stations and an opportunity for you, your family, and your friends to visit one of the greatest places in America — Northern Arizona, home of the fantastic town of Flagstaff and the Grand Canyon, one of the seven natural wonders of the world.

## **Start Times**

The mountain bike ride begins at 6:00AM at the Snowbowl parking lot on the northeast corner of Snowbowl Road and Highway 180.

## **Time Limit & Cut-Offs**

Riders will have 15 hours to complete the course.

## **Cut-Off Requirements**

If you leave Hull Cabin (mile 80) after 2:30PM you must have a dependable light source.

## **Race Day Parking**

Park your vehicle at the parking lot at the northeast corner of Highway 180 and Snowbowl Road (at the start). Shuttles, for those who don't have their own transportation arrangements, from the finish (Tusayan) will return you to this location.

## **Post-Race Transportation**

Shuttles, for those who don't have their own transportation arrangements, will leave from the finish line (Tusayan Greenway Path parking lot) at:

5:00PM Saturday

9:00PM Saturday

## **About Flagstaff, Arizona**

Often referred to as "The City of Seven Wonders," 45-minutes North of Sedona and 90-minutes South of the Grand Canyon, lies Flagstaff, AZ. Permanently settled in 1876, the Atlantic and Pacific Railroad reached Flagstaff in 1882. In 1894, Lowell Observatory was built. In 1899, the University of Northern Arizona was founded. Flagstaff became the first night sky city, a movement started in 1958 to celebrate, promote and protect the dark skies of Flagstaff and northern Arizona. Flag's estimated population stands at over 70,000 within city limits.

Flagstaff is situated along the western flank of the largest contiguous ponderosa pine forest in the continental United States. The geologic centerpiece of Flagstaff is the San Francisco Peaks, home to Humphreys Peak (12,633 feet), the highest point in Arizona. The Peaks have religious significance to several Native American tribes. In particular, the Peaks form the Diné (Navajo) sacred mountain of the west, called Dook'o'oshííd, which means "the summit that never melts". The Hopi name for the Peaks is Nuva'tukya'ovi, which translates to "place-of-snow-on-the-very-top". Flagstaff's climate and terrain coupled with easy access to vast networks of trails, make it one of the best mountain biking towns in the country.

## **About Tusayan, Arizona**

Tusayan, AZ, the "gateway to the Grand Canyon," was originally privately owned in the early 1900's by Forest Service ranger George Reed before the Grand Canyon was designated a National Park in 1919. Tusayan is located a mile south of the Grand Canyon



National Park entrance and sits at an elevation of 6,612 feet. It has an estimated population of 600. Recently, Tusayan, bordered by the Kaibab National Forest, became an official gateway community for the Arizona National Scenic Trail. This town hosts the finish line of the Stagecoach 100 Mile.

## **Travel to Flagstaff**

- Fly directly to Flagstaff's Pulliam Airport (FLG): <https://www.flagstaff.az.gov/1541/Flagstaff-Airport>
- Fly into Phoenix, AZ at Skyharbor International Airport (PHX) (a 2.5-3 hour drive north to Flagstaff): <https://skyharbor.com/>
- Use Arizona Shuttle from Skyharbor International Airport to Flagstaff (reservations recommended): <http://arizonashuttle.com/>
- Fly into Las Vegas, NV at McCarran International Airport (3.5 to 4 hour drive to Flagstaff): <https://www.mccarran.com/>

## **Accommodations in Flagstaff**

- Base Camp at Snowbowl – Located less than a mile from the start line and ~7 miles from Downtown Flagstaff - <https://www.snowbowl.ski/basecamp/>
- Drury Inn and Suites - <https://www.druryhotels.com/PropertyHotelServices.aspx?property=0139>
- Fairfield Inn by Marriott - <http://www.marriott.com/hotels/travel/flgfi-fairfield-inn-flagstaff/>
- Embassy Suites - <http://embassysuites3.hilton.com/en/hotels/arizona/embassy-suites-flagstaff-FLGESES/index.html>
- La Quinta Inn and Suites - <http://www.laquintaflagstaff.com/>
- Budget Inn - <http://www.budgetinnflagstaff.com/>
- Knights Inn - <http://www.knightsinn.com/hotels/arizona/flagstaff/knights-inn-flagstaff/hotel-overview>
- Weatherford Hotel – <http://weatherfordhotel.com/>
- Hotel Monte Vista - <http://www.hotelmontevista.com/>

## **Accommodations in Tusayan**

- Best Western Premier Grand Canyon Squire Inn - <http://www.grandcanyonsquire.com/>
- Red Feather Lodge - <http://www.redfeatherlodge.com/>
- Holiday Inn Express & Suites Grand Canyon - <http://www.ihg.com/holidayinnexpress/hotels/us/en/grand-canyon/gcnaz/hoteldetail>
- The Grand Hotel at the Grand Canyon - <http://www.grandcanyongrandhotel.com/>
- Canyon Plaza Resort - <http://www.grandcanyonplaza.com/>

## **Race Weekend Weather**

The average high in northern Arizona in mid-September is ~70 degrees. The average low is ~35. Temperatures will be cooler at higher elevations so be prepared! Sunrise is approximately 6:20 am and sunset is 6:20 pm. There could be wind, rain, snow, hail, and thunderstorms. Always dress accordingly and be prepared for the weather to change at a moment's notice. Check the latest weather reports as race day approaches.





## **Our Partners**

There are several groups and organizations that we are indebted to that have made Stagecoach a reality.

### **1) Arizona Trail Association**

The Arizona Trail Association (ATA) is the nonprofit organization whose mission is to build, maintain, promote, protect and sustain the Arizona Trail as a unique encounter with the land. Established in 1994, the ATA has been the driving force behind the vision, construction, and protection of the Arizona Trail.

Spanning the entire state of Arizona from Mexico to Utah, the Arizona Trail travels through some of the most breathtaking landscape in the West – from the grasslands of the southern part of the state, up and down the sky island mountain ranges, through Saguaro National Park, climbing up the Mogollon Rim, across the Colorado Plateau, through Flagstaff and along the base of the San Francisco Peaks, through the heart of Grand Canyon and across the Kaibab Plateau to the Utah state line, the Arizona Trail offers unparalleled adventure for hikers, runners, backpackers, mountain bikers and equestrians. It was designated as a National Scenic Trail in 2009.

The majority of the Arizona Trail was constructed by volunteers, and the organization relies on thousands of volunteers each year to maintain the trail. Funds raised through membership, donations, special events, business partners and grants provide the majority of funding for trail projects. The Arizona Trail is a grassroots movement and you are invited to be part of it.

In addition to participating in this ride, please explore more of the Arizona Trail (no permits are needed unless you're camping overnight in one of the National Parks) and get involved with the ATA. Together, we can sustain this amazing trail into the future.

Find out more and how you can become a member at: <http://www.aztrail.org/>

### **2) Babbitt Ranches**

Babbitt Ranches is the producer of AQHA quarter horses, sold every July in the annual Hashknife horse & colt sale, and is home to the Coconino Plateau Natural Reserve Lands. The ranch lands, near Flagstaff, Arizona and the Grand Canyon, host a variety of wildlife and grazing for quarter horses and cattle. Established in 1886, Babbitt Ranches practices ecological ranching while maintaining western traditions. Roughly 20 miles of the course crosses Babbitt Ranches land on the Arizona Trail. Learn more at: <http://babbitranches.com/>

### **3) Hart Prairie Preserve**

Surrounded by thousands of acres of cool forest and meadows, the 245-acre preserve is home to uncommon wildflowers, old-growth ponderosa pine, a rare grove of Bebb willows, herds of elk and deer, porcupine, prairie dogs, and more than 40 species of birds.

A local family donated Hart Prairie Preserve, with its historic lodge and charming guest cabins, to The Nature Conservancy in 1994, when they discovered that their property held a globally rare community of Bebb willow trees.

Much of the work at the preserve focuses on the Bebb willow community, the largest known in the world. Conservancy staff work closely with partners at the U.S. Forest Service, U.S. Geological Survey, and various departments at Northern Arizona University on ecological restoration activities in the surrounding National Forest. Learn more at: <http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/arizona/placesweprotect/hart-prairie-preserve.xml>

### **4) Kaibab and Coconino National Forests**

The Kaibab National Forest truly offers something for everyone! If you are anywhere near Northern Arizona, you won't want to miss the chance to visit this Forest. The Kaibab surrounds the Grand Canyon on the north and south. From canyons to prairies, peaks to plateaus, the Kaibab National Forest offers layers of opportunity for peace, solitude, and discovery. Find out more at: <http://www.fs.usda.gov/kaibab>

The Coconino National Forest is one of the most diverse National Forests in the country with landscapes ranging from the famous red rocks of Sedona to ponderosa pine forests, to alpine tundra on the summits of the San Francisco Peaks. Explore mountains and canyons, fish in forest lakes and wade in lazy creeks and streams. Find out more at: <http://www.fs.usda.gov/coconino>

### **5) Coconino County Search and Rescue**

The Coconino County Sheriff's Search and Rescue Unit is a volunteer arm of the Sheriff's Office involved in performing the Sheriff's statutorily mandated function of conducting or coordinating search and rescue operations within the county. CCSAR members will be strategically placed along the course and provide SAR and first aid services for the event. A deputy assigned as the Search and Rescue Coordinator supervises search and rescue operations. The Unit is trained by the Sheriff's Office to provide vital search and rescue services to the second largest county in the nation, which encompasses approximately 18,600 square miles of diverse and sometimes very remote rugged terrain. Learn more at: <http://coconinosar.org/sarhome.html>

## 6) Coconino Amateur Radio Club

The Coconino Amateur Radio Club (CARC) includes members in the city of Flagstaff, Coconino County, and Northern Arizona. This volunteer group will be stationed at various aid stations along the course and provide rider tracking and race day communication for our event. Find out more at: <http://www.cocoradio.club>





## Awards

### **100-Mile Awards:**

- Locally made copper belt buckles for all finishers under the 15-hour cut-off.
- Special “Champion” buckles for the overall women and men winners.
- Babbitt Ranches Pendleton blankets for overall winners and masters riders.

We'll also have other random giveaway prizes brought to you by Babbitt Ranches, Babbitt Backcountry, the Arizona Trail Association, Squirrel's Nut Butter, Absolute Bikes, Flagstaff Bicycle Revolution, and Pizzicletta.



**100-Mile Copper Finisher's Buckle**

## **Race Weekend Agenda**

**Wednesday, September 14<sup>th</sup> – Virtual Meeting with race management to answer your questions. Invitation to join will be sent out a few days beforehand.**

**Friday, September 16<sup>th</sup> – In front of Flagstaff Bicycle Revolution – 3 South Mike’s Place Flagstaff, AZ 86001 (Next to Mother Road Brewery and Pizzicletta) (928) 774-3042**

**4:00PM-6:00PM — Race Check-In/Package Pick Up and Late Registration**

**Saturday, September 17<sup>th</sup> – At the intersection of Route 180 and Snowbowl Road (Start Line)**

**5:15AM-5:50AM –**

- **Mandatory** 100-Mile Mountain Bike Check-In & Packet Pick-Up.
- 100 Mile Finish and Hull Cabin Drop Bag drop-off

**5:50AM – Mandatory** pre-race informational briefing at the start line for 100-mile bikers

**6:00AM – 100-Mile Bikers Start**

**2:30PM – Riders leaving Hull Cabin (mile 80) are required to have a handlebar light or headlamp and new spare batteries.**

**9:00PM – 100 Mile Course Closes at Tusayan Greenway Path parking lot.**



## **Course Marking**

The entire 100-mile course will be marked well. Marking will be more plentiful at turns and intersections. Confidence markers will be placed every quarter to half-mile when the trail is obvious. Remember much of the course follows the Arizona Trail for the most part. Reflective tape & diamonds, orange ribbon, pin flags and arrow signs will be used. The use of a headlamp (on your bars or headlamp) in the dark hours will be important so that you see the reflective material.

## **Aid Stations**

Stagecoach offers 3 fully stocked and volunteer-led aid stations—Cedar Ranch (mile 33), Boundary (mile 55), and Hull Cabin (mile 80). You may see other aid stations on the course, but these are for runners and not set up to accommodate riders. Though we wish we could, we cannot accommodate every biker's need. Be prepared by using your own crew and drop bags to provide yourself with the items you require. Aid station fare will include:

- [Tailwind Nutrition](#)
- [Squirrel's Nut Butter](#)
- Water
- Coke
- Ginger Ale or 7-Up
- Electrolyte pills
- Fruit (oranges, bananas)
- Boiled potatoes
- Various sandwiches (PB & J, ham, cheese)
- Potato Chips
- Candy
- Soup (vegetable broth, chicken noodle, tomato)
- Salt
- First aid kits

## **Bike Mechanics**

Bike mechanics will be available at the Cedar Ranch (mile 33), Boundary (mile 55) and Hull Cabin (mile 80) aid station locations.

## **Drop Bags**

1) 100-mile bikers may place drop bags at these locations only:

- Hull Cabin (mile 80)
- Tusayan Finish (mile 100)

2) Drop bags must be labeled with:

- Biker's name
- Bib number (we will have your number, duct tape, and markers for you at check in)
- Aid station name (either Hull Cabin or Finish)

3) Do not use paper drop bags as they will disintegrate when wet.

4) As we have many bags to transport, please keep your bag relegated to the approximate size of large shoebox for Hull Cabin (8" x 8" x 16"). However, Finish Line drop bags can be the size of a backpack to accommodate warm weather clothing, sleeping bags and/or tents.

5) Bikers may retrieve their Hull Cabin drop bags at the finish line at or after 5pm on Saturday.



## **Recommended Gear**

- Lightweight wind and water proofjacket and pants
- Handlebar light or headlamp and new spare batteries (**Required if you leave Hull Cabin after 2:30PM**)
- Cell phone for emergency purposes (there is reception on much of the course)
- Warm gloves and hat
- Course [maps](#) and [turn book](#)
- Adequate hydration system that can carry the above equipment

## **Last Minute Supplies**

Did you forget something? Our local biking stores and gear shops have it all.

- Absolute Bikes: <https://www.absolutebikes.net> (928) 779-5969
- Flagstaff Bicycle Revolution: <https://flagbikerev.com> (928) 774-3042
- Babbitt's Backcountry: <http://babbittsbackcountry.com/> (928) 774-4775

## **Social Media**

**Please tag us during your training and racing at:  
#stagecoach100**

Stagecoach's event web site: <http://www.aztrail.org/ultrarun/>

Stagecoach's Instagram: <https://www.instagram.com/stagecoach100/>

Stagecoach's Blog: <http://flagstaff100andrelay.blogspot.com/>

Stagecoach's Twitter: <https://twitter.com/Flagstaff100M/>

Stagecoach's Facebook: <https://www.facebook.com/FlagstaffStagecoachLine100Mile>

Stagecoach's Flickr Photo Albums from past years:

<https://www.flickr.com/photos/152789721@N04/albums>

### **Aid Stations, Distances & Amenities**

Checkpoints	Distance	Segment Distance	Crew	Drop Bags	Amenities	Cut-Offs
<b>Start (bottom of Snowbowl Road)</b>	0	0	YES	NO	Start	
<b>Cedar Ranch</b>	34	34	YES	NO	Full Aid	
<b>Boundary</b>	54	20	YES	NO	Full Aid	
<b>Hull Cabin</b>	80	26	YES	YES	Full Aid	Lights required when leaving after 2:30PM
<b>Tusayan Greenway Path Parking Lot</b>	100	20	YES	YES	Finish	9PM

### **100-Mile Mountain Bike Rules**

The purpose of these rules are to ensure the event’s integrity, make certain that this is a test of individual performance, and provide an equal playing field for all. The guiding principles are simple: play fair, be safe, and respect the land.

1. Each biker’s official bib number must be worn prominently on the front of the bike’s handlebars and must be easily visible at all times. This is how we safely track your progress.
2. Bikers must follow the marked route at all times. Any biker departing from the official course must leave and return to the point of departure before continuing.
3. Except in case of medical emergency, participants may not accept aid or assistance in any form from anyone between checkpoints and aid stations.
4. Bikers may not store/cache supplies of any kind along the trail.
5. Bikers are responsible for the actions of their crews. Everyone associated with the event must comply with all event rules (MTB and Crew Rules) and regulations issued by the race director in pre-race memos and at the pre-race briefing on Saturday morning. All parking and access instructions must be followed as well or risk disqualification of the biker.
6. Each participant must be checked IN and checked OUT of all checkpoints and aid stations.

7. There is no pre-race weigh-in or medical exam. However, all bikers *may* undergo brief medical examinations at designated checkpoints. Additional monitoring of individuals may be required at the discretion of medical personnel and the race director. Refusal to cooperate fully may result in immediate disqualification. Medical personnel have complete authority to evaluate the condition of any athlete at any time and to determine whether the biker may continue.
8. In addition to information provided by the participant in the race application's medical questionnaire, each biker must fully disclose to medical personnel at the pre-race check-in any changes to existing medical conditions and all prescription medications being taken.
9. Injection of fluids or drugs (intravenous, intramuscular, subcutaneous) during the event may result in immediate disqualification.
10. The Stagecoach Line MTB 100 Mile is committed to keeping the event clean and drug-free. Use of performance-enhancing drugs or blood doping as defined by the US Anti-Doping Agency is forbidden.
11. Littering of any kind is prohibited. Please respect the natural beauty of our trails and the right of everyone to enjoy them. Littering will threaten our continued use of the Arizona Trail, Hart Prairie Preserve, Babbitt Ranch, and USFS Lands.
12. Bad sportsmanship will not be tolerated. Please share the trail with other bikers, runners, horseback riders, and hikers.
13. Riders must close gates encountered on the course.
14. Smoking is not permitted at any of the checkpoints or along the trail.
15. Any biker who is unable to finish the race must **personally** inform the aid station captain of the nearest checkpoint of his/her decision to withdraw. Participants who leave the course without notifying a race official will be classified as "lost," thereby activating the Coconino County Sheriff's Search and Rescue Unit. Time spent searching for any such a person will be billed directly to them, a VERY expensive proposition.
16. Bikers crossing the finish line after the 15-hour (9PM Saturday) cutoff will not be listed as official finishers.



## **100-Mile MTB Crew Rules**

100-mile MTB crews must follow all of the rules and regulations of the race, including the MTB participant rules above, the following Crew Rules, and any supplementary instructions issued in any pre-race memos or at the Saturday morning briefing. All crew members must willingly comply with all instructions from race personnel, volunteers, and race management at all points along the trail and its access routes, including parking regulations, or risk disqualification of their biker.

1. A crew member is defined as any individual who provides material support to a biker in the event.
2. Crews may meet bikers or assist them only at those aid stations specifically designated for crews (Cedar, Boundary, Hull, and the Finish).
3. Crews must adhere to instructions of all aid station personnel and volunteers, including requests to vacate a certain area of the checkpoint.
4. You may NOT crew your biker at locations outside the aid station locations (Cedar, Boundary, Hull, and the Finish).
5. PLEASE!!! Crews must always drive at safe speeds! No matter how fast your biker may be, it is possible for crews to arrive at all the major checkpoints without exceeding the posted speed limits. Speed limits are rigidly enforced. Slow speeds will also keep dust down.
6. Crews must never park in such a way as to block traffic, access to the trail or checkpoint, or other parked cars. Vehicles will be towed at the owner's expense, and their biker may be immediately disqualified.
7. NO SMOKING WILL BE ALLOWED AT ANY OF THE CHECKPOINTS OR ALONG THE TRAIL.
8. Littering of any kind at any checkpoint, along the trail, or at the finish line is strictly prohibited.

### **Aid Station Access:**

- Access roads must remain open at all times for emergency vehicles.
- Drive slowly and carefully. Beware of runners and other bikers on FR 307 to Hull Cabin and while on FS301 (runners and bikers cross the dirt road) north of the Boundary aid station.
- Please, driving slow will keep the dust down!
- Allow plenty of time for travel.
- Cooperate with traffic control and parking officials.

### **Please Take Care of Yourself:**

- Eat regular meals and hydrate regularly.
- Wear appropriate clothing and pack proper bedding and shelter.

- Have headlamps at the ready in case you need to navigate outside your vehicle in the dark.
- We recommend four-wheel drive or all-wheel drive vehicles for this event.
- Cell service is available along much of the course.



## **Start, Finish, and Crew Driving Directions:**

Driving Directions GPX Route: [https://runazt.org/wp-content/uploads/2020/06/Stagecoach\\_Relay\\_Driving\\_Routes.zip](https://runazt.org/wp-content/uploads/2020/06/Stagecoach_Relay_Driving_Routes.zip)

### **To Start (intersection of Route 180 and Snowbowl Road):**

35.2691667, -111.718889

1. From downtown Flagstaff, take Highway 180 North approximately 7 miles (from the intersection of Humphreys Street and Route 66) to Snowbowl Road.
2. Take a right onto Snowbowl Road.
3. Parking and check-in is immediately on the left.
4. Follow the parking monitors instructions.

### **To Cedar Ranch (sponsored by [Babbitt Ranches](#)):**

35.547330, -111.782920

1. Turn right (north) on Highway 180.
2. Travel 26.6 miles on HWY 180. Just past mile marker 248 (If you reach the Kaibab USFS sign you've gone about a quarter mile too far) to FR 417 and turn right.
3. Travel 5.2 miles on dirt FR 417 and arrive at the Cedar Ranch aid station. Do not drive up the hill to the buildings, stay left and low at the intersection to get to the aid station. There is very weak cell service here, however, there is good reception a few miles back on FR 417. ***NOTE: You'll be sharing the road with bikers and runners for the last 2 miles of this drive at this point. Please drive slowly and with great care! Keep your dust down.***

### **To Boundary Aid Station (sponsored by [Squirrel's Nut Butter](#)):**

35.745120, -111.817270

***NOTE: For the drive to this aid station we highly recommend the use of a four-wheel drive or all wheel drive vehicle. The dirt ranch roads are rough. There are some tight turns, deep ruts, and rocks that may need negotiating. You will make it safely, but care and the optimal vehicle will make your life and ours much easier.***

1. From Cedar Tank take FS 9008A north 4.5 miles to Tub Ranch.
2. From Tub Ranch it is roughly 13 miles to Boundary Aid Station. From Tub Ranch continue north on the dirt ranch road for 5.5 miles to the large electric lines. Drive under the lines and continue north for 7.5 miles through Lockwood Canyon on a dirt road that will eventually become Forest Road 301 to Boundary Aid Station.

### **To Hull Cabin (sponsored by [Northern AZ Trail Running Association](#) and the [NAU Cycling Team](#)):**

35.9683, -111.94639

From Boundary Aid Station:

1. Continue north on dirt Forest Road 301.
2. In roughly 4.5 miles you'll pass Moqui Aid Station on your right (east).
3. In another half mile you'll pass under another set of powerlines. Stay north on FR301

4. 3 miles further north on FR301 you'll intersect with FR320.
5. At FR 320, turn right (east).
6. In a mile turn left (north) on FR 311, near the Bucklar Landing Strip. Do not turn at the first intersection onto FR301. Continue on a little further to FR311.
7. Continue on FR 311 for 5.0 miles to the Coconino Rim Road (FR 310).
8. Turn left (north) on FR 310.
9. Travel 6.5 miles to FR 307.
10. Turn right (east) on FR 307.
11. Continue on FR 307 (down the hill) for 1.5 miles to Hull Cabin's driveway (past Hull Tank).
12. Turn left into the driveway by following the signs, through a gate and onto the cabin at the end of the driveway.

From Cedar Ranch Aid Station:

1. Return to Highway 180.
2. Turn right (north) and proceed to State Route 64. This intersection is in the town of Valle, AZ (there is a reliable gas station here).
3. Go north on SR-64/US-180 for 22 miles to FR 302 in the Tusayan. This turn is also located just after the first round about as you enter Tusayan.
4. Continue east on FR 302 for 14.5 miles to its intersection with the Coconino Rim Road (FR 310).
5. Turn left (north) on FR 310 and travel 1.3 miles to the intersection with FR307.
6. Turn right (east) on FR 307.
7. Continue on FR 307 (down the hill) for 1.5 miles to Hull Cabin's driveway (past Hull Tank).
8. Turn left into the driveway by following the signs, through a gate and onto the cabin at the end of the driveway.

Access to Hull Cabin is also available through Grand Canyon National Park, but an entrance fee must be paid (\$30).

1. From the Grand Canyon South Entrance Station follow state Route 64 east toward Desert View.
2. Two miles past Grandview Point, turn right onto a gravel road (there are usually several large dumpsters located here).
3. This road becomes FR 310 at the park/forest boundary line.
4. Pass the Grandview Fire Tower and follow FR 310 (Coconino Rim Road) for less than a half-mile and turn left (east) on FR 307.
5. Continue on FR 307 down the hill for 1.5 miles to Hull Cabin's driveway.
6. Turn left and follow the signs for Hull Cabin.

**To Finish (Tusayan Greenway Path Parking Lot):**

35.977126, -112.126558

1. From Hull Cabin Aid Station take FR 307 back to FR 310.
2. Turn right on FR 310 (north) and drive to State Route 64 (you're now in the Grand Canyon National Park).
3. Turn left (west) on SR-64.



4. Travel 10.7 miles to US-180 (South Entrance Road).
5. Travel south on South Entrance Road 6 miles to the first roundabout traffic circle in Tusayan. Turn right (west) into the parking lot. Enter slowly and be careful of bikers and pedestrians.





## **Recommended Purchases**

Here are a few apps, maps and books that will help you find your way.

We **HIGHLY** recommend downloading and using the Arizona Trail App:

<https://aztrail.org/explore/maps/mobile-app/>

Emmitt Barks Cartography Flagstaff Trails Map:

<http://www.emmittbarks.com/maps.htm>

Coconino National Forest Map:

<http://www.fs.usda.gov/main/coconino/maps-pubs>

Kaibab National Forest Map:

<http://www.fs.usda.gov/main/kaibab/maps-pubs>

*The Arizona National Scenic Trail Guidebook:*

<https://aztrail.org/product/the-guidebook/>

You can also download maps and information for free at:

<http://www.aztrail.org/passages/passages.php>

## **Detailed Course Description:**

- Bike Course [GPX Route](#)
- We highly suggest that you get familiar with and use (in conjunction with the [course maps](#)) the [course turn book](#).
- We HIGHLY suggest that you download and utilize the Arizona Trail App: <https://aztrail.org/explore/maps/mobile-app/>

### **Miles 0-20 - Hotshots to Kelly Tank:**

The course starts at the intersection of 180 and Snowbowl Road. Bikers will travel up Snowbowl Road for 1.5 miles and then turn left (north) in the Arizona Trail. Head north and uphill towards Mount Humphreys. This is the longest climb of the race. In 4 miles you'll gain ~1,300'. Once at Aspen Corner turn left and ride downhill past Alfa Fia Tank, through a few fences (close all gates) to Forest Road (FR) 151.

Once at the well-used and maintained FR151, turn right and north. Take FR151 to FR627 to Bismark Lake. Turn right on FR627. The road ends at a parking area, continue straight on the trail to Bismark Lake and the AZT. Turn left (north) on the AZT and enjoy the long downhill sweeping switchbacks through the spruce, fir, ponderosa and aspens. Cross FR418 and continue downhill to Kelly Tank aid station.

For photos of this section please refer to the race's blog link here:

<http://flagstaff100andrelay.blogspot.com/2013/08/course-preview-miles-0-20.html>

**Note: Bikers do not go into Hart Prairie Preserve.**

### **Miles 21-60 - Kelly Tank to Moqui Stage Station:**

Leave Kelly Tank, cross FR514 and follow the AZT north. The trail will parallel FR514 until it swings more northerly, crosses 523 and joins FR416. Follow FR416 north and leave the large ponderosa trees behind you as you enter pinion and juniper forests. FR416 will descend, gently at first and then more steeply and rockier later, to Babbitt Ranch. Once on the flat grasslands below turn left on FR417 and follow the rough two-track road to the Cedar Ranch aid station.

Head west from Cedar Ranch on well maintained FR417. Turn right (north) near Babbitt Lake on FR 9007. You'll be on FR9007 for about 2 miles. When you cross from US Forest Service land to Babbitt Ranch you'll pass through a gate and begin single-track.

Continue north on the AZT single-track trail. Climbs are small, the trail winds in out of pinion and juniper, and the terrain mostly flat. Follow the AZ Trail to Boundary Aid Station.

Just before arriving at Boundary, you'll turn right, leaving the AZT, on a short out-and-back to get to the aid station.

Leave Boundary by retracing your steps back to the AZT. Head north on the AZT. This section has some rough riding and passes over several small juniper and piñon ridges. Cross over FR301 and continue north, passing the turn to Moqui Stage Station. **Note: Bikers do not turn into the Moqui Stage Station. Stay north on the AZT.**

For photos of this section please refer to the race's blog link here:

<http://flagstaff100andrelay.blogspot.com/2013/08/course-preview-miles-20-59.html>

**Note:** The course now follows single-track after Cedar Ranch, not dirt roads, through Babbitt Ranches as the blog link portrays.

### **Miles 60-80 – Moqui Stage Station to Hull Cabin:**

Continue north on the AZT. Cross FR313, continue north on smooth two-track, cross FR320. Close all gates. Continue north on the AZT. The two-track becomes single-track; the piñon-juniper gives way to large ponderosa trees and leads to the Russell Tank. The deep Russell Tank will be on the right.

Leave Russell Tank and continue north on the AZT. Cross FR310 (Coconino Rim Road). One mile further take the bike detour route (don't descend steeply into the canyon). The AZT now traverses across the top rim of the Coconino Rim. The Painted Desert, Grand Canyon, and Navajo Mountain are visible at times. This is a gently rolling section of trail—little ups and little downs and always winding. Please close all gates in this section. Arrive at FR307. Turn right on FR307, bike downhill, pass Hull Tank on the left, and then turn left to the Hull Cabin aid station.

For photos of this section please refer to the race's blog link here:

<http://flagstaff100andrelay.blogspot.com/2013/08/course-preview-miles-59-80.html>

### **Miles 80-100 - Hull Cabin to Tusayan Greenway Path Parking Lot:**

Leave Hull Cabin and return to the AZT the way you came, uphill on FR307. Turn right (north) on the AZT, pass along a small interpretive trail and under the Grand View Fire Tower. Pass through a small parking lot and across FR310 to the single track AZT on the other side. Follow the AZT to signed Watson Tank, join a dirt road and follow the AZT signs and course markings. Follow the AZT, veer right off of FR303 on the marked AZT (keep your eyes peeled, this is a tough turn to see).

This next section of course follows the AZT entirely, but can be hard to follow due to sharp turns and obscure trail. It will be marked well on race day. Keep your heads up and pay attention at all intersections. Follow course markings and AZT markings. Eventually the AZT will join the Tusayan Bike Trails. Be sure to follow the AZT trail signs and arrows and

course marking. Follow the AZT through limestone-rim lined Coconino Wash to Reed Tank (you'll be able to see Tusayan beyond).

Soon the lights and sounds of Tusayan will be visible. However, 2.5 miles still remain. Begin the final and short climb of the race. Stay on and follow the AZT and pass through the tunnel under Highway 64. Once through the tunnel take an immediate left on the paved bike path. You'll no longer be on the AZT after this turn. Follow the paved path south towards Tusayan across a dirt road and then turn right onto the paved Tusayan Greenway Path parking lot and finish line.

For photos of this section please refer to the race's blog link here:

<http://flagstaff100andrelay.blogspot.com/2013/09/course-preview-miles-80-100.html>

**Note:** We no longer finish at the IMAX but the Greenway Path Parking area about 600 meters to the north.