

2021 Iron Butt Rally

Leg 2

Carmel, Indiana to Huntsville, Alabama



This packet describes the bonus locations available for Leg 2 of the 2021 Iron Butt Rally. Each location bonus entry provides the following information:

- Bonus Code
- Points Available
- Bonus Name
- Street address or nearest intersection/cross-street
- City and State
- GPS coordinates in degrees decimal rounded to the nearest 0.0001 degree
- Available hours
- Bonus description including important notes as needed
- Bonus requirements in *italic type*
- A photo of the bonus object

WARNING: DO NOT LEAVE ON A LEG UNTIL YOU HAVE VERIFIED THAT ALL PAPERWORK IS IN YOUR RALLY PACKAGE FOR THAT LEG. EACH PAGE IS NUMBERED. THIS IS YOUR RESPONSIBILITY.

CRITICAL: Please be respectful when placing your flag in photos. Private property and priceless museum pieces should never be used as your flag support.

This bonus listing is like a restaurant menu. If you order everything on the menu and eat it, you are going to get sick and perhaps die. Please choose bonus destinations carefully.

- ✓ All times are local unless otherwise specified.
- ✓ Unless otherwise specified, rally ID flags are required in all photos.
- ✓ To earn *any* bonus, you MUST claim it on the Claimed Bonus form. This includes:
 - ▶ Rest bonuses
 - ▶ Call-In bonuses
 - ▶ Tracking bonuses.

If you lose the Claimed Bonus form, you will earn no bonus points for the leg.

Monitoring Bonuses

Call-In Bonus

CALL2 **1000 points**

Call on Saturday, June 26, 2021, between 7:00AM and 7:00PM CENTRAL DAYLIGHT TIME

The same procedure applies to all Call-in Bonuses available during the rally.

Call from anywhere.

Call and leave the following information:

- 1) Your name
- 2) Your rider number
- 3) Your location (city/town and state)
- 4) The last bonus you scored
- 5) The next bonus you are heading for

Note: Once you have finished recording your information, if you wish to listen to your message, press the # key and then the number 1. You may then accept it or re-record.

Rest Bonus

REST2

Document a stop for four (4) or more hours starting on Saturday, June 26, 2021.

Requirements:

- ▶ Document a stop for 4 or more hours beginning on the starting day above
- ▶ Earn **10 points per minute** for staying in one place for a minimum of 4 hours, up to 8 hours maximum credit
- ▶ Your starting receipt may be on Friday, but you must then document at least 4 hours on Saturday (no points are earned before 12:00:01 AM that day).
- ▶ As long as you begin your rest on the starting day, you can continue earning credit on the following day.
- ▶ Reminder: All times are local and the Rest Bonus must start on the specified day *for time zone you are in.*

Tracking Bonus

TRK2

1000 points

Earn points for using a satellite tracking system that is functioning properly and leaving tracks of your position accessible by Iron Butt Rally Staff.

Destination Bonuses

PAY

1263 points

The World's First Pay Telephone
750 Main St
Hartford, CT
41.7657, -72.6732
24 Hours



The world's first pay telephone was installed on this corner in 1889.

Take a photo of the "World's First Pay Telephone" marker on the side of the Hartford Connecticut Trust Company building. The plaque is several feet above the sidewalk

ELI

176 points

First Manufactory of Fire Arms in US
Whitney Ave near Armory St
Hamden Area, CT
41.3371, -72.9111
Daylight



On this site in 1798, Eli Whitney established the first manufactory for the production of fire arms in the US.

Take a photo of the Eli Whitney historical marker on the side of the Lake Whitney dam.

CANNON

238 points

Annie Jump Cannon
34 S. State St
Dover, DE
39.1606, -75.5255
Daylight



Annie Jump Cannon, who pioneered stellar classification, observed her first stars from the roof of this house.

Take a photo of the "Annie Jump Cannon" historical marker.

KYCABLE

1511 points

Highest Point in Kentucky
Black Mountain Ridge Rd
Cumberland Area, KY
36.9143, -82.8939
Daylight



William Ridsen is credited with building the first cable TV system in Kentucky. He took advantage of Black Mountain's elevation for his system. Note: The 1.6 miles from KY-160 to the summit on Black Mountain Ridge Road is "sorta paved, mostly not or not anymore" and rough in spots.

Take a photo of the "Highest Point in Kentucky" memorial marker.

FITCH

679 points

John Fitch Memorial
N 3rd St & E Stephen Foster Ave
Bardstown, KY
37.8093, -85.4664
24 Hours



John Fitch launched and successfully operated the first steamboat in 1787. His designs kickstarted river commerce in the newly formed United States.

Take a photo of the John Fitch memorial adjacent the central traffic circle in Bardstown, KY.

DURYEA

900 points

Duryea Automobile - First Gasoline Powered Car
Near Taylor St & Kaynor St
Springfield, MA
42.1050, -72.5923
24 Hours



Charles and Frank Duryea of Springfield developed the first successful gasoline-powered car. Their second prototype was built on this site in 1895.

Take a photo of the Duryea Automobile statue on Duryea Way.

LONG

625 points

First Long-Distance Telephone Call
700 Main St
Cambridge, MA
42.3630, -71.0952
24 Hours



The first two-way long distance telephone conversation was between Thomas G. Watson here in Cambridge and Alexander Graham Bell in Boston in 1876. They talked for three hours.

Take a photo of the historical marker on the side of the building commemorating this call on October 9, 1876.

ETHER

389 points

Monument to Ether
Boston Public Garden
Boston, MA
42.3548, -71.0715
Daylight



This monument commemorates the discovery that the inhaling of ether causes insensibility to pain. This was first proved at Mass. General Hospital in 1846.

Take a photo of the Monument to Ether fountain and statuary.

ROAD

555 points

Where the Road Began
Greene St at Bridge St
Cumberland, MD
39.6497, -78.7648
24 hours



The country's first federal road building project started at this point. The project was authorized by Congress in 1806.

Take a photo of the "National Road 1811" stone marker.

AIRMAIL

464 points

Airmail
1909 CPL Frank Scott Dr
College Park, MD
38.9812, -76.9266
Daylight



The first postal airmail service started was started here in College Park on August 12, 1918.

Take a photo of the "Flying the Mail" information sign.

TONKA

14050 points

Tonka Toys
5341 Maywood Rd
Mound, MN
44.9343, -93.6596
Saturday 1000-1400



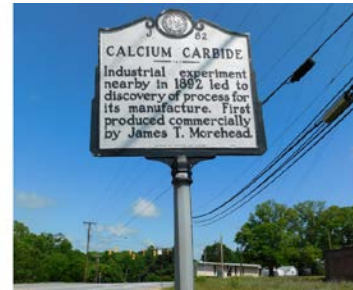
Mound Metalcraft created the first Tonka Toys in 1947. These rugged metal vehicles quickly became favorites of little boys and girls.

Have your flag held by Ron Pauly and take a photo with the Tonka Mighty Grader Prototype toy he designed and sign the guestbook. The Tonka Toy museum display is on the 5th floor of the Westonka History Museum, the front door is on the third floor. \$3 Donation appreciated.

CAC2

935 points

Calcium Carbide
Church St near Morgan Rd
Eden, NC
36.5052, -79.7597
24 Hours



According to the marker, calcium carbide was discovered here in an industrial experiment. Calcium carbide is the basis for the creation of acetylene gas.

Take a photo of the "Calcium Carbide" historical marker.

DIX

2918 points

Dixville Notch - First-in-the-Nation
NH-26 near Cold Spring Rd
Dixville Notch, NH
44.8665, -71.3027
24 Hours



Dixville Notch has held the first-in-the-nation presidential primaries since 1920.

Take a photo of the "Dixville Notch - First in the Nation" historical marker on the shore of Lake Gloriette.

JANSKY

996 points

Radio Astronomy
Bell Laboratories Rd
Holmdel, NJ
40.3718, -74.1600
Daylight



It was near this site in New Jersey that scientist Karl Jansky first discovered radio frequency energy coming from outer space.

Tower Coordinates: 40.3712, -74.1606 Marker Coordinates: 40.3718, -74.1595

This bonus requires two photos. Take a photo of the Bell Labs water tower with your motorcycle in the picture AND a photo of the "Radio Astronomy" historical marker along Crawfords Corner Rd. You do not need to have your motorcycle in the photo of the historical marker. Park on Bell Laboratories Road as stopping on Crawfords Corner Rd is not safe.

Note that the tower and the marker are only 375 feet apart.

JERSEY

782 points

Jersey Barriers
NJ-173 at Mine Rd
Asbury, NJ
40.6555, -75.0220
Daylight



Frequent accidents here led to the installation of concrete guards that later became known as Jersey Barriers.

Take a photo of the "Jersey Barriers" historical marker.

CANAL

4222 points

Erie Canal
Mohawk Valley Welcome Center, I-90 Westbound, Mile 187
Randall, NY
42.9170, -74.4468
1400, Saturday, June 26, 2021



The Erie Canal was the first major commercially successful connection between the East Coast and the Western Frontier.

Have your photo taken by IBR Staff at the "The Canal That Changed America" information marker. This marker is found at the Mohawk Valley Welcome Center, I-90 Westbound, Milepost 187

RIGHTS

2809 points

The First Convention for Women's Rights
Fall St and Mynderse St
Seneca Falls, NY
42.9107, -76.7995
24 Hours



The first convention for Women's Rights was held here in 1848. This convention sparked the national conversation for equal voting rights for both men and women.

Take a photo of the "First Convention for Woman's Rights" historical marker.

CURTISS

2493 points

Glenn Curtiss - Cradle of Aviation
8419 NY-54
Hammondsport, NY
42.3988, -77.2322
0900-1700



While the Wright Brothers achieved first powered flight, few people contributed more to the development of air transport than Glenn Curtiss. His vehicular developments also included motorcycles and boats. Curtiss achieved a motorcycle land speed record in 1907 of 136.4mph.

Take a photo of the Curtiss V-8 motorcycle on display inside the museum.

LIMIT

2382 points

First Concrete Limited Access Highway
Vanderbilt Pkwy and Commack Road
Dix Hills, NY

40.8167, -73.2940

24 Hours



The first concrete limited access highway for automobile use only was constructed here on Long Island. Note: This is very busy intersection, park in one of the lots across the street and walk to the marker.

Take a photo of the "Long Island Motor Parkway" historical marker

UGROUND

1282 points

First Edison Underground Central Electric System

40 Fulton St
New York, NY

40.7078, -74.0045

24 Hours



The electric plant supplying the first underground system in the US was housed in a building on this site, forming the origin of New York's present electrical system.

Take a photo of the bronze historic marker commemorating this event adjacent the sidewalk on the building at 40 Fulton St.

PETRO

985 points

First Petroleum Discovered in America

Approx. 1.2 miles north of NY-446 off Cuba Lake Rd.
Cuba area, NY

42.2315, -78.3067

Daylight



Not Texas, not North Dakota, not Pennsylvania ... The first petroleum was discovered in western New York. This site is on the Oil Springs Indian Reservation and was known to the indigenous peoples who had learned to use the petroleum-tainted water of the spring for medicinal purposes.

Note: The last 0.2 miles to the parking area is unpaved hardpack dirt. Reaching this site requires walking a short distance. Park in the small lot at 42.2316, -78.3082, walk across the foot bridge to the east and to the glade where you will find the stone marker surrounded by a wrought iron fence.

Take a photo of the "Seneca Oil Spring" historic marker.

JELLO

626 points

First Jell-O Factory
116 Lake St
Le Roy, NY
42.9857, -77.9916
24 Hours



The first four flavors were strawberry, raspberry, orange, and lemon. The world is still waiting for "cheddar cheese" and "herring".

Take a photo of the "First Jell-O Factory" historical marker.

HYDRO

505 points

World's First Hydroelectric Power Plant
Goat Island Rd.
Niagara Falls, NY
43.0817, -79.0711
24 Hours



This arch is the original entrance to the Adams Station, the world's first hydroelectric power plant.

Take a photo of the bronze "This is the original arch entrance..." plaque on the arch.

SAP

398 points

First Sap Gravity Flow System
County Hwy 123
Mayfield area, NY
43.1540, -74.2393
Daylight



Waffles have never been the same since.

Take a photo of the historical marker stating "On this site in 1969 Wm C Brower invented and patented the first sap gravity flow tubing system from tree to sugar house for making maple syrup."

STS

7055 points

First Ship-to-Shore Radio Broadcast
207 Hartford Ave
Put-in-Bay, OH
41.6541, -82.8158
24 Hours



The first ship-to-shore radio message was transmitted from the steam yacht Thelma to an assistant here at the dock in 1907 for communication of regatta race results. Note: Multiple ferry rides with your motorcycle are required to reach this bonus.

Take a photo of the "First Ship-to-Shore Radio Broadcast" historical marker with your motorcycle in the picture.

OOPS

1648 points

First Successful Automobile & First Automobile Wreck
E Carmean St
Ohio City, OH
40.7714, -84.6132
24 Hours



The first successful automobile and, not surprisingly, the first automobile crash happened here in Ohio City in 1891.

Built: 40.7714, -84.6132

Crash: 40.7715, -84.6167

This bonus requires two photos. Take a photo of the "Built at this Site" historical marker at the corner of E Carmean St and Washington St. The second photo is 0.2 miles west at the corner of W Carmean St and Liberty St. Take a photo of the "Site of the First Automobile Wreck" historical marker.

SUPERMAN

1190 points

Superman
E 105th St and St. Clair Ave
Cleveland, OH
41.5391, -81.6154
24 Hours



The first comic superhero to see print was created here in Cleveland by Glenville high school students Jerry Siegel and Joe Shuster.

Take a photo of the "Home of Superman" historical marker.

CONCRETE

459 points

First Portland Cement Concrete Street
E Court St near S Main St
Bellefontaine, OH
40.3605, -83.7593
24 Hours



The first cement concrete street in the US was constructed here in 1891.
Take a photo of the marker on the south side of the courthouse.

SURVEY

436 points

U.S. Public Land Survey
OH-39
East Liverpool, OH
40.6425, -80.5191
24 hours



South of this spot was the beginning point for the surveying of public lands in the US in 1785.

Take a photo of the stone "The Beginning of The US Public Land Survey" marker.

FILL

510 points

First Drive-in Filling Station
Baum Blvd at S St. Clair St
Pittsburgh, PA
40.4594, -79.9306
24 Hours



In 1913, Gulf opened the first drive-in facility for gasoline and other petroleum products.

Take a photo of the "1st Drive-In Filling Station" historical marker.

ENIAC

301 points

ENIAC
200 S 33rd St
Philadelphia, PA
39.9523, -75.1902
24 Hours



The first general purpose digital computer was invented and built here in 1946.

Take photo of the "ENIAC" historical marker.

LINING

678 points

First Systematic Weather Observations
106 Broad St
Charleston, SC
32.7764, -79.9329
24 Hours



Dr. John Lining of Charleston is credited with making the first systematic weather observations in America, beginning in 1738.

Take a photo of the "Home of Doctor John Lining" on the front face of the house.

COKE

242 points

First Coca-Cola Bottling Company in the US
17 Patten Pkwy
Chattanooga, TN
35.0463, -85.3073
24 Hours



The Coca-Cola Bottling Company began operations on this site in 1899. Our waistlines have never recovered.

Take a photo of the "First Coca-Cola Bottling Company in the United States" historical marker.

CYRUS

1262 points

Cyrus H. McCormick
On VA-937 about 0.9 miles east of I-64 / I-81, exit 205
Raphine, VA
37.9324, -79.2135
0800-1700



Cyrus H. McCormick is credited with invention of the first practical reaper in 1831. This invention started the mechanization of farming around the world.

Take a photo of the stone marker to Cyrus H. McCormick.

MALADY

986 points

Mount Malady
251 Henricus Park Rd
Chester area, VA
37.3746, -77.3624
Wed - Sun 1000-1700



Mount Malady, the first hospital in the American colonies, was built in 1612. It served the many colonists that arrived in poor health from the sea voyage.

Note that ticket sales for Henricus Historical Park stop at 1600. If you are in the park after 1600 it is acceptable to claim this bonus up to the park's closing hour of 1700.

Take a photo of the Mt. Malady hospital building on the park grounds as shown in the example photograph.

VOICE

453 points

First Transatlantic Wireless Voice Communication
S Courthouse Rd at 8th St S
Arlington, VA
38.8666, -77.0808
Daylight



Three large radio towers were erected here in 1913. The first trans-Atlantic voice communication was made between this station and the Eiffel Tower in France in 1915.

Take a photo of "The Arlington Radio Towers" historical marker.

BELLE

762 points

Belle Works
W DuPont Ave
Belle, WV
38.2443, -81.5539
24 Hours



On this site in 1926, the first commercial production of ammonia was synthesized from air and water. This led to the development of other synthetic products such as antifreeze, rubber, and nylon.

Take a photo of the "Belle Works" historical marker.

Checkpoint Information

Checkpoint 2

Huntsville Marriott at the Space & Rocket Center

5 Tranquility Base

Huntsville, Alabama 35805

256-830-2222

Sunday, June 27, 8:00 pm to 10:00 pm

Rally staff will be available at 5 pm for scoring.

Dinner will be served from 6 to 10pm

Time penalty begins at 8:00:01 pm. After 8:00:00 pm there will be a **10 points per minute** penalty for being late. "Minutes" will be rounded up at one second past the key time. For example, 8:00:01 (one second past 8:00 pm) will be counted as 1 minute late. Any rider who arrives after 10:00:00 pm (beginning 10:00:01 pm) will not be considered a rally finisher.

If you will be late or unable to arrive at the checkpoint, call the Rallymaster immediately
