

# Downloading and Using MSTA FlyBy Week Routes- 2019

## Download and Unzip

**Note: These routes are for Flyby Week attendees only**

1. Download the file(s) that you want from flybyweek.com
2. Take note of where you're downloading the files to on your computer.
3. Unzip (extract) zip files to a folder on your computer (Individual route .PDF and .GPX files don't need this step)
4. It's important to select a folder (sub-directory) in the box that opens so you'll be able to find the extracted files.
5. The files will be extracted to the folder (sub-directory) that you selected in step 3.
6. If you can't find the unzipped files go back to step 3 to look at the location in the second box to see where your unlocked files were saved.

**Remember- Since these routes are for event attendees only please do not share them with others**

To make sure these routes work properly with your GPS make sure you read the following instructions:

## Set Navigation Preferences in Your GPS as Follows:

Route Style: Use Auto-routing

Activity profile: Automobile Driving. (Do not use the stock Motorcycle Activity Profile- it avoids interstates and major highways and most of these routes include some of them.)

Calculation style: Faster Time

Auto Recalculation: OFF

**Avoidances: None- it's best to uncheck all avoidances, but especially Avoid U-turns, Avoid Ferries, Avoid Date and Time Closures. These must be unchecked to get proper calculation, particularly with 03 East 235 Pt1, 04 Fry-Cvrd 228 Pt2, 09**

**NailFact 206-231 Pt2 Via WV, 10 Tour1 200 Pt1, 15 WV 276 Pt1,  
and 16 WV Long 301 Pt2.**

## Import Routes and Tracks into your GPS

1. **If you have BaseCamp**, use it to transfer the route and track data to your GPS. BaseCamp knows where to place the files on a wide variety of units. Be sure to EJECT the GPS from BaseCamp by right clicking on the BaseCamp folder for the GPS and clicking Eject when you are done.
2. **If you don't have BaseCamp**, you will have to copy the route GPX file directly to the GPS, usually to a GPX folder on the device, using a USB cable. Eject the GPS and disconnect the USB cable when you are done.
3. For Garmin zumo models: The next time you turn on your GPS after transferring routes it will usually recognize the presence of new routes and offer to import them. Once the routes are imported, they can be selected and loaded.

## Using the routes

1. For the 2019 FlyBy Week routes, starting points have been placed down the street from the hotel so you can load the route and hit Go in the hotel parking lot. The GPS will autoroute you from where you are to the start of the route. (The latest zumos default to starting the route at the second waypoint of the route, and we have modified this year's routes so that is not a problem.)
2. Most of the routes have been divided into two or three parts. The first part ends at lunch so you just load the second part and run that after lunch. This reduces the number of lines on the GPS map and makes the routes easier to follow.

Happy riding!

## Additional Info for Advanced BaseCamp Users

All routes were prepared using Garmin BaseCamp Version 4.7.0 software with map version City Navigator North America NT 2019.2

If you're using older City Navigator North America mapsets, the routes should work **after** you recalculate them in BaseCamp, but if you want to be sure, you should follow the following steps:

1. Set the routing preferences in BaseCamp as described above for the GPS.

2. After downloading the routes to your computer, open each route file in BaseCamp
3. Make sure your route and tracks are different colors then re-calculate the route.
4. Compare the new (re-calculated) route to its track and make any necessary changes to make the route follow the track.
4. You may notice some of the waypoints are off the route a little bit. This is caused by older or newer versions of your map files. If this is the case move the waypoints back onto the route.
6. Always recalculate your routes after making changes.
7. Once everything looks OK then you are ready to upload the routes and the tracks to your GPS unit.

### **Option: Using Tracks With Routes on Your GPS**

All 2019 FlyBy Week Official GPS Route files include matching tracks that can be displayed on the zumo GPS map screen along with the route. Uploading route also copies the track onto the GPS. (The Garmin zumo 550 doesn't support track display but the 660, 590, 595, 390 and 395 work well with them. On the zumo 660, tracks must be selected and imported separately from routes if you want to use them.)

To use a track with its matching route, make it green in color and visible on the GPS map. The route will load over it on the map screen, but if the route and track do not coincide on some part of the route, the bright green line will be visible. (This happens whenever the route does not calculate the same on the GPS as it did in BaseCamp.)

If you see the green track line on the map, ignore the magenta route line and follow the track. The route and track will converge at or before the next via point, where normal routing will resume.

Visible tracks are also an excellent backup if a route fails because they are a trail of data points and don't depend on the mapset or route calculation- they will always remain the same as the original route and can be used to ensure your route will follow the author's intent.

## Option: Manage Your Waypoints

These routes have all been redone, using conventional waypoints only for beginning, end, some gas stops and lunch stops. These explicit waypoints will load into your GPS along with the routes. Deleting FlyBy Routes and tracks after the event will not delete these waypoints. To save hunting them down and manually deleting them after FlyBy Week 19, do yourself a favor and

1. Create a BaseCamp folder called Waypoints and create a list in the folder with the current date included in the name such as *190810 waypoints backup*.
2. Copy all of your existing waypoints from your GPS into the list.
3. Upload the FlyBy Week 19 routes and waypoints to your GPS. Because there are so many routes, only load the ones you are interested in into your GPS. I usually just load the ones I might want to use for the current day and clean them out in the evening when I "debrief" my GPS by saving the day's trip data, clearing the track log, trip computer etc.
4. When you return home from FlyBy Week, save your GPS's waypoints to a new file for reference in case you added any new ones you want to keep.
5. Clear all the routes and waypoints from your GPS.
6. Reload the waypoint list file you saved before going to FlyBy Week 19.