

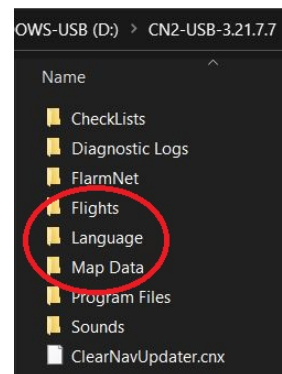
UPLOADING WAYPOINT AND OTHER FILES

A. Obtain Waypoint/Turnpoint files

- CN preloads World Terrain files ... and SUA files and Waypoint/Turnpoint files for Minden.
- You have to load SUA and Waypoint/Turnpoint files for your geographic area.
- ClearNav can use STX (Soaring Turnpoint Exchange), CUP (SeeYou), and CAI (Cambridge) files for turnpoint data. The STX format is preferred as it supports all of the ClearNav display features.
 - Pilots can usually get STX files for contests from the WW Turnpoint Exchange. They can also create STX files from scratch using Microsoft Excel, Notepad or other tools - or can convert other flat file formats to STX.

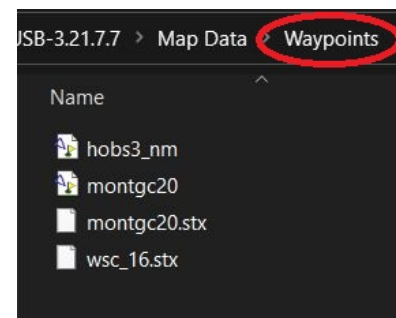
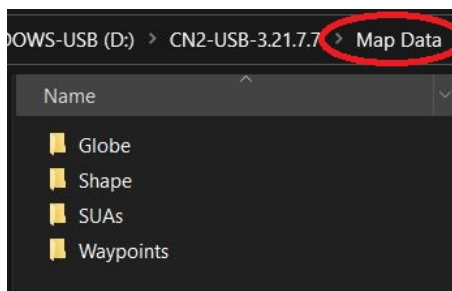
B. Copy files to USB Memory Stick (or SD Card)

- The CN supplied USB Memory sticks are preformatted with the folders needed to support the upload and download operations.
- Use the CN supplied USB Memory Stick - or format your own USB Memory Stick or SD Card using the folder and file structure that follows.



Root Folder

- Must contain ClearNavUpdater.exe and ClearNavUpdater.nks files to upload Map, WP, SUA, Language and version update files.
- May contain log files generated by the ClearNavUpdater.exe.
- May contain a new ClearNav version update - CN.exe and CN.nks files - copied from the CN site - required to perform the new version installation on your ClearNav system.



Flights

- Downloaded flight log files will be placed in this folder.

Language

- Language files are uploaded from this folder. English, German, Spanish and French language files are already pre-loaded in delivered units by CN - so this folder is typically empty.

Map Data

- Globe
 - New Terrain Map Globe files can be placed here for uploading. World Globe files are already pre-loaded in delivered units by CN - so this folder is typically empty.
- Shape
 - New Terrain Map Shapefiles can be placed here for uploading. World Shape files are already pre-loaded in delivered units by CN - so this folder is typically empty.
- SUAs
 - New SUA files for your area can be placed here by the pilot for uploading.
- Waypoints
 - New Waypoint files for your area are placed here by the pilot for uploading.

c. Insert your USB stick into the ClearNav before you power up the unit

- The system will boot, display version information, and check security - displaying progress and status on the screen.
- The ClearNav application will detect the USB Stick or SD Card and will then run the Updater Program (ClearNavUpdater.exe) located in the root directory on the USB/SD device.
- The Updater System Update Screen will display to allow the pilot to select specific update options with the hand controller.