NY EUROSCOPE CONTROLLER PACK

Version	Release Date
2107	**15 Jul 2021**

INSTALLATION

In order to install and load up EuroScope with this controller pack, follow these steps:

1. Unpack the "ZNY_ES_2107" folder
2. Place it in your EuroScope working directory: … Documents\EuroScope\
3. Open EuroScope. When the window to load a PRF file loads, locate your extracted "ZNY_ES_2107" folder, and select the profile that you wish to work on.
4. When loading an ASR for the first time, a sector dialog will pop up asking you if you want to use the active sector file. Click No, and navigate to and select the "ZNY.sct" file which can be found at: … Documents\EuroScope\ZNY_ES_2107\Sectors\
5. Control!

PROFILES

All profiles (.prf files) found in this pack can be loaded from the main "ZNY_ES_2107" folder. The following profiles are available in this pack:

1. EWR - use while controlling a EWR local or TRACON position
2. LGA - use while controlling a LGA local or TRACON position
3. JFK - use while controlling a JFK local or TRACON position
4. ISP - use while controlling a ISP local or TRACON position
5. N90 - use while controlling and combining multiple N90 positions (e.g. ARD and HRP)
6. PHL - use while controlling a PHL local or TRACON position
7. GENERIC - use while controlling any other minor position
8. ZNY - use while controlling any New York Center position (excluding HILDY/COCOA)
9. ZWY - use while controlling any New York Oceanic position (including HILDY/COCOA)

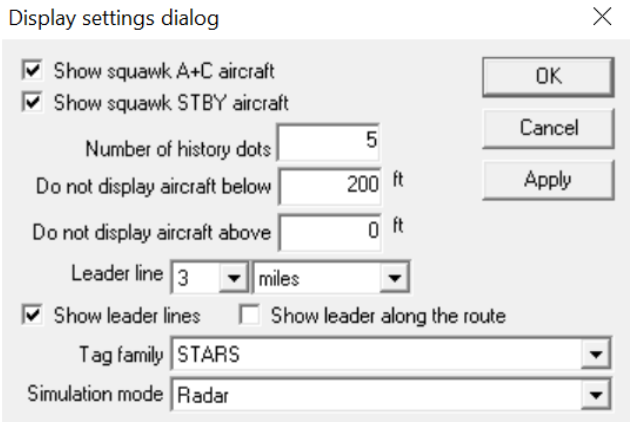
BASIC USAGE

All profiles in this pack, with exception of the GENERIC profile, utilise multiple ASRs that you can switch between. These are accessed by pressing the 'F1' key, followed by a number key (1-9). The number associated will determine which view is loaded. The last ASR file in this sequence is named "GROUND.asr". This is intended to be used to be moved around the remaining ground maps using the ".center" command.

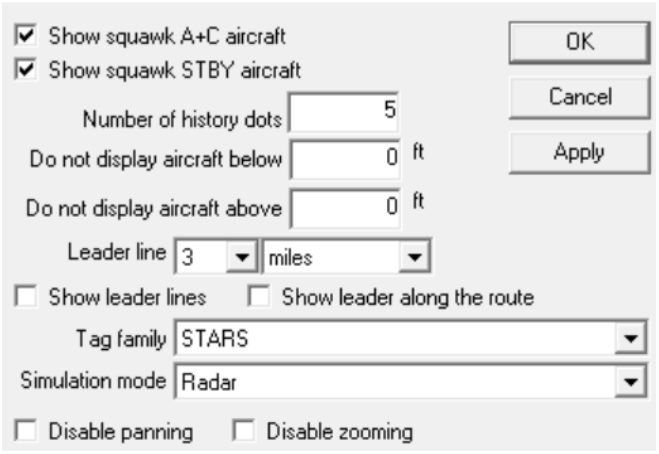
STARS REALISTIC DATA TAG

Setup and Installation

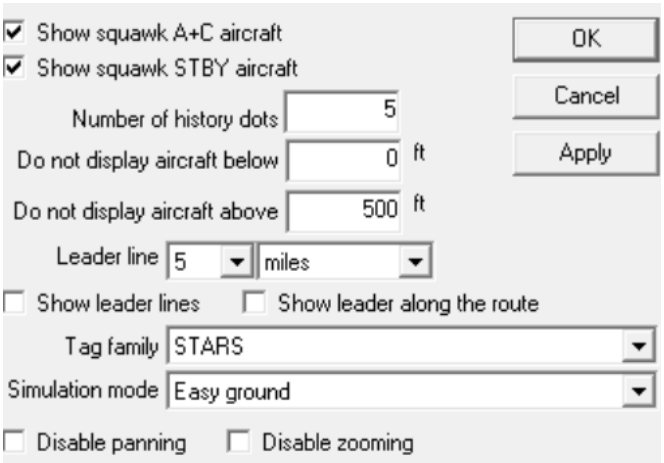
1. Open the desired preference file, switch to the TRACON sector, open the display settings, and set the settings as follows:



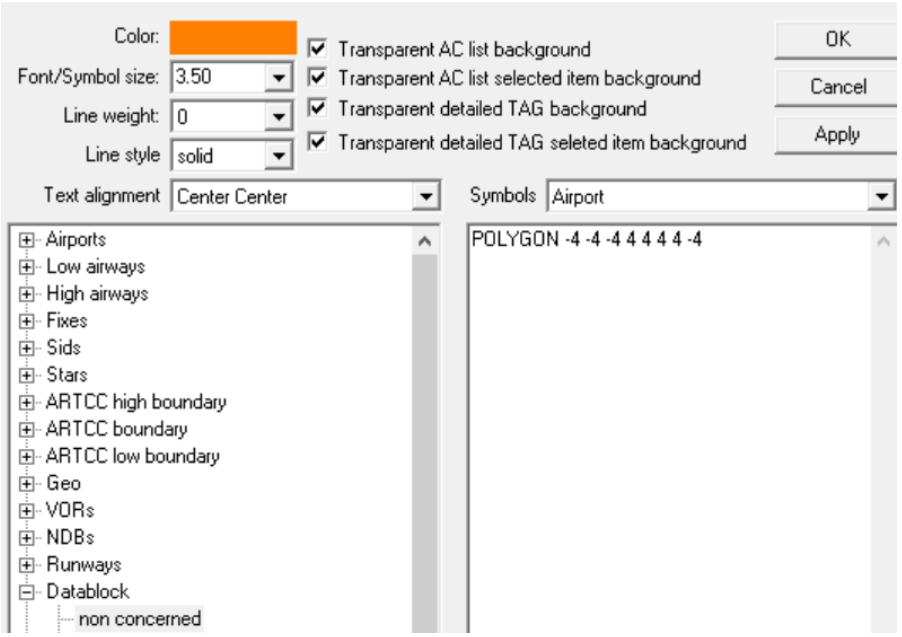
2. Open the TWR sector, open the display settings, and set the settings as follows:



3. ***This step does not apply if you are using vSMR*** For GROUND and XXXX_ASDEX, set the display settings as follows:



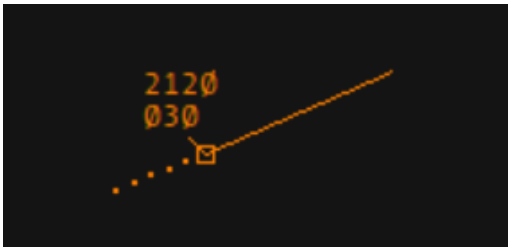
4. Open general settings, and in the professional mode section at the bottom of page 1, set the correlation mode to C-mode.
5. This is an optional step, but I would recommend you open symbology settings, and under the datablock section, set the color for non concerned to something more visible.



Aircraft Correlation Instructions

Often, you will encounter an aircraft that has not spoken to any controllers, and therefore, has no beacon code. In order to handle these planes, you have to correlate their radar tag. This will briefly explain how to do this.

Note - an uncorrelated data tag looks like this:



1. Once the aircraft calls up, attempt to locate them manually if they report their position in their initial call. If they do not report it, request them to IDENT.
2. One the aircraft idents, you will see the position indicator of the target change. Once you observe this, you know which data tag is associated to the aircraft that has called you.
3. To correlate, click on the field that indicates their current squawk (the one on the top in the image above in this section) and click the button that says correlate. After you click the button, it enters the .correlate command into the command bar. Type in the

aircraft's callsign and hit enter (ex: .correlate ENY4201.) The data tag will now change to this format:



4. Double click the tag to expand it. You may now track it, assign a squawk, and perform other desired actions.

Note - a position indicator that is just a + with no data block is a primary only target - this means that they are not squawking mode C.

Controller Actions

- Right click on the callsign to open the flight plan dialog.
- Right click on the altitude to open the temp alt select dialog.
- Click on the -- (or, if you are already tracking, your sector ID) to perform actions related to track ownership.
- If a DUPE is observed, click on the A#### to reassign a code.

A NOTE ABOUT DATA FILES

EuroScope primarily uses the sectorfile (.sct) to display fixes, airways, etc. on your radar display. However, EuroScope also has a function to validate the flight plan routes. In order to do this, it uses specific files which can be found in the “DataFiles” folder in this package.

Unfortunately, vZNY does not have the ability to provide the latest Data Files for you. We can only provide an older version (currently being AIRAC 1901). If you have a Navigraph subscription, you can download the latest files yourself. In order to do this, follow these steps:

1. Navigate to the Navigraph product website (https://www.navigraph.com/FmsDataManualInstall.aspx) and sign in.
2. Download “FS-Navigator 4.x”
3. Run the .exe file and follow the steps there.
4. You will now have multiple files in a pre-selected folder. You will need to replace the “airway.txt”, “ICAO.txt” & “isec.txt” files which are available in the “DataFiles” folder of this package.
5. Done!

SUPPORT

If you have any suggestions or find any issues, you can submit it on the NYARTCC website “Support” section available here: https://nyartcc.org/new_ticket

If you have any questions, you can ask them on the NYARTCC Discord server or send an email to fe@nyartcc.org.