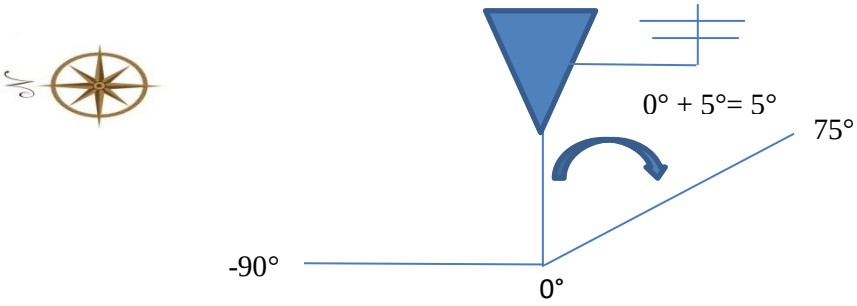
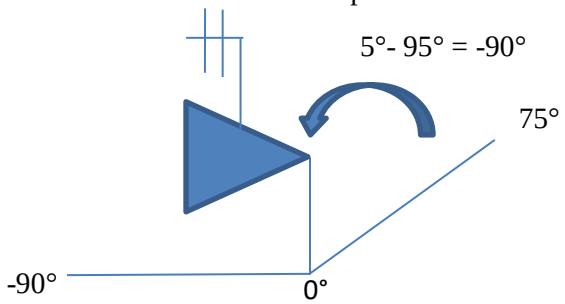
ALWAYS assume that the RF-DFS's Antenna's azimuth and elevation are WRONG. To initialize the CORRECT azimuth and elevation, the procedure is as follows:

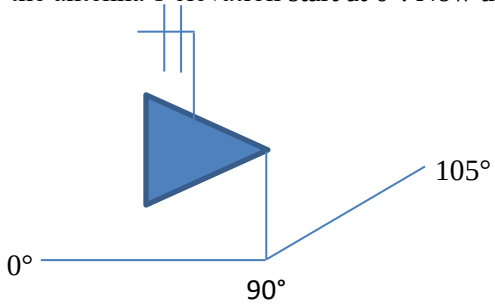
1. Open HyperTerminal, acr2012.ht, on the Desktop.
2. Hit ENTER key a few times until the HyperTerminal responds with " <SYS> ".
3. Type " Prog 0 " and wait until the HyperTerminal responds with " <P00> ".
4. For the HyperTerminal to communicate with the software, type in " drive on x y ".
5. Now type in " jog abs y 5 " and see where the antenna's elevation goes. If it tilts backward, then the antenna software is confused and if it tilts forward then the software is not confused.
6. For the case of when the antenna's elevation is tilted backward because it is confused, know that its angle is now at 5º (5º positive past its initial position at 0º). To get it at the correct 0º elevation pointing North, type in " jog inc y -95 ". This makes the software think that it should go forward 95º. Confused yet? Here is a diagram of what the software is thinking:



Here is a diagram of what you did to make the Antenna's elevation point toward the horizon:



7. Once its elevation points correctly toward the horizon, make the gears initialize the elevation to be at 0° by typing " res y " in the HyperTerminal. This will make the antenna's elevation start at 0°. Now the software will think this:



8. Congratulations! You just corrected the elevation! In rare cases, the azimuth may not be initialized at 0° toward the horizon so it is safe and smart to make sure that the azimuth is at 0º, so type in " res x " in the HyperTerminal too. Now you may look for aliens using the RF-DFS!