CONGRATULATIONS ON THE PURCHASE OF YOUR 5700X WEZ

WHAT MAKES YOUR 5700X WEZ UNIQUE?

In addition to all standard Kestrel 5700X Elite features this **5700X WEZ** has Kestrel Ballistics-specific implementation of the Applied Ballistics WEZ computational engine.

GETTING STARTED WITH YOUR 5700X WEZ

Load gun profiles from the Kestrel LiNK Ballistics app or build them in your Kestrel. Make sure you input MVSD (muzzle velocity standard deviation) and Precision within each gun profile that you want to use with the WEZ analysis tools.

MVSD is defined as – uncertainty in muzzle velocity

Precision is defined as – extreme spread in angular units

Typical system standard deviations for your other parameters are preloaded in the **Std. Deviations** submenu, but you should customize these settings as necessary to fit your shooting conditions.

Wind speed uncertainty is one of the most critical inputs to these algorithms. This should be carefully evaluated. WEZ can only generate outputs as accurate and as realistic as your inputs.

Configure **Target Geometry** to suit your situation. This target geometry will be used in all of your WEZ analysis.

MAKING USE OF WEZ

Explore WEZ

- **Single Target**—This is a quick way to calculate Phit (probability of hit) for a single distance. This is also where you can dive deeper into the components of your hit uncertainty or the sensitivity factors for the inputs.

- **Phit-Range**—This is where you can perform comparative analysis of multiple gun profiles (different rifles, different ammunition, different accessories, different shooting positions) at various ranges. It may be useful to create multiple similar gun profiles to enable simultaneous analysis.

- **Phit-Dist**—This is where you can calculate the distance at which your Phit drops below certain percentages, and it also provides a comparative analysis capability. This is where you can find the answer to a question such as "If I only want to take shots where Phit > 90%, then how far can I shoot?"

- **Phit on Main**—You can enable a new entry in the main menu to display Phit. This will use the distance to the currently active target and the target geometry from the WEZ menu, as well as the active environmentals. This can be switched ON or OFF from the WEZ menu.

Visit ***kestrelballistics.com*** for more information as well as free online classes.