DTAC
ADVANCED CONCEPTS IN AMMUNITION

DTAC Ballistic Cards are also available. These laminated cards reproduce the mathematics applications featured in the DTAC scope reticle, and are in a caliber-specific format that makes their accurate use in the field fast and easy. Please call for more information.

DTAC RETICLE

HIGH-PERFORMANCE PRODUCTS engineered by 11-time National High Power Champion David Tubb

INFORMATION OVERVIEW

DTAC Reticle

Our goal for the DTAC scope reticle was to create a telescopic sighting system for field shooting that encompassed the following five attributes:

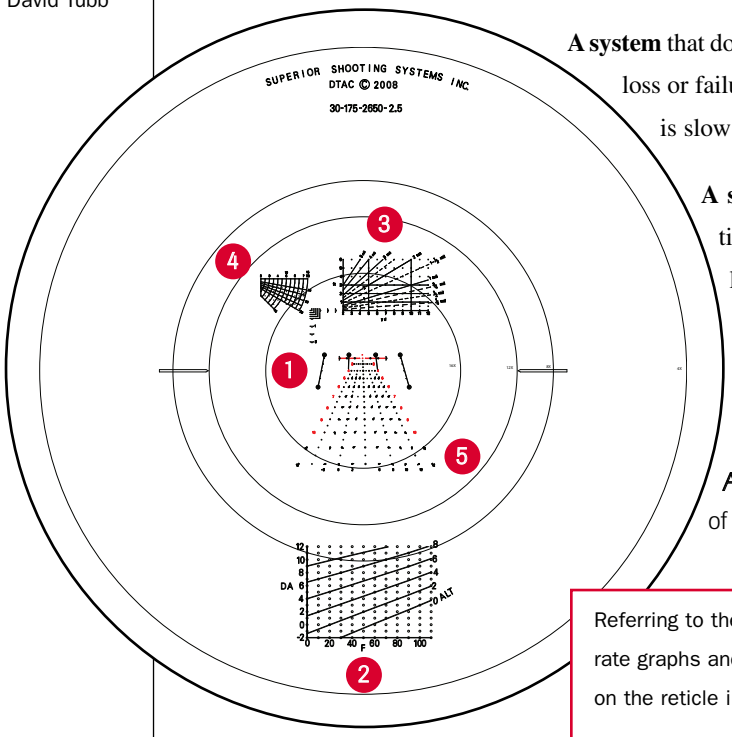
A system that is very quick to use, and allows for shots from point blank range to well beyond 1000 yards.

A system that does not require an auxiliary computer or data book whose loss or failure would leave you stranded, and whose use in general is slow and takes the shooter's attention away from the target.

A system that can adapt to changing atmospheric conditions, allowing its use in most any reasonable geographic location.

A system that provides its user the means to actually determine the range to the target, not just measure it in MILS or MOA (minutes of angle).

A system that requires little or no mathematic calculations of the user.



DTAC RETICLE COMPOSITE
This is how the DTAC Reticle appears when viewed through the scope at minimum magnification. The specific components are numbered and identified on the right. After using the graphs, the scope is run up to an appropriate magnification to make the shot.

Referring to the composite DTAC Reticle on the left, below are the separate graphs and their functions that correspond with the numbered areas on the reticle illustration.

1. Aiming Dots and MIL Measuring Stadia
2. Density Altitude Graph (visible at minimum scope magnification)
3. Range Calculation Graph
4. Cos/Sin Calc Graph
5. Density Correction Pointers (located on aiming dots)

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Meeting all five goals was accomplished by employing two concepts:

Make the reticle "caliber specific." Each DTAC scope is set up for a bullet with a specific ballistic coefficient (BC) and muzzle velocity (MV) under a given set of atmospheric conditions.

Provide graphs *in* the reticle to facilitate all necessary ranging and ballistic computations. This allows the user to make accurate compensations for varying shooting conditions without looking away from the scope.

The result – the DTAC Reticle allows the shooter to quickly and accurately make compensations to get the first shot on target better than any other system we know of.

The DTAC Reticle goes far beyond other available reticles. All the information you need to adjust for range, temperature, altitude, up or down hill targets, and wind speed and direction – and it's all right inside the scope! The concept of "density altitude" is a key component in the effectiveness and reliability of the DTAC Reticle system. This allows the user to accurately compensate for changes in elevation and temperature, both on his home ground or when he travels to another location.

A detailed instruction manual comes with each reticle. This manual gives complete information on the reticle use as well as providing essential background on the mathematics involved in its design. It's also available on-line.

PLEASE NOTE THAT THE DTAC RETICLE IS NOT A SCOPE! THE DTAC RETICLE IS A PATENTED RETICLE DESIGN THAT MAY BE OFFERED IN A VARIETY OF DIFFERENT RIFLE SCOPES FROM DIFFERENT MANUFACTURERS. CALL FOR INFORMATION ON CURRENTLY AVAILABLE SCOPES.