Start Example Here

In this example we want to know the correction for a 12 mph wind from 7:30 at 850 meters. We will use the EXAMPLE DATA above to work the solution.

STEP 1- Calibrate the SPEED side of the disc to the data from your card

1A- Find the wind speed on the key that corresponds to the windage correction from your card. The correction in the EXAMPLE DATA is for 20 MPH wind.

1B- Rotate the disc so that the indicator line falls on the correction value for your chosen range. The correction value is 5.0 mil from the EXAMPLE DATA.

STEP 2- Find the correction for a new wind speed and note the result

2A- The 12 MPH wind we wish to know the correction value for is not found on the scale key. We will use the values on the 10 and 2 scales since 10+2=12.

These values are 0.5 mil from the 2 MPH scale, and 2.5 mil from the 10 MPH scale. We will add 0.5 to 2.5 to find the 12 MPH correction value.

2B- The Dope Disc can be used to perform addition or subtraction. Turn the disc to 2.5 on the outer disc scale since it is the larger of the values to be added. (forget that the outer scale represented 20 MPH previously)

2C- Find 0.5 on the addition side of the cursor scale. Read back down to the outer disc scale to find the sum.

3.0 mil is the correction for a full value (90 degrees to the line of fire) 12 MPH wind. Remember the 3.0 mil value and turn the sheet over to continue-