

Superheat's IMC made easy

January 29, 2014

Guideline: Must break IMC into bite size portions. Never go backwards. Avoid jargon. Simplicity and precision.

Draw your table with E and W across the top and I, M, and C down the side.

INCHES- Targets talk in inches.

Eliminate called bad shots. Identify group by circling it. Mark the center.

Explain windage and elevation. Sights move in two directions. Up/down, side/side.

Show how to measure the center of group to center of target.

Fill in the "I" values.

ARE THERE ANY QUESTIONS? (My signal I'm done with "I" I'm not going back.)

MINUTES- Riflemen talk in Minutes.

Draw the pizza slice. Explain that the error from target to bullet holes is an angle.

How do we measure angles? Degrees. 1 degree at 100 yds=5' Way too big. We need

a smaller unit. Define a MOA by going from known to unknown: a circle=360,90,1deg.

Chop one degree into sixty equal pieces. One of those is an MOA. (it is a SMALL angle) WRITE: **1/60th degree= 1moa**

Go back to the Pizza slice. Show @100yds 1moa = 1". Go out-200=2", 300=3", 400=4" now closer, @25 yds 1moa =1/4". WRITE: **1moa=1" per 100 yds**

Explain how to convert "I" values to MOA. "We are shooting at 25 yds so we will use 1/4 inch for 1 MOA". "How many 1/4 inches are in each "I" value?" Have the students give answers. Fill in the "M" values. (The MOA values are how much error we have)

ARE THERE ANY QUESTIONS? (My signal I'm done with "M" I'm not going back.)

CLICKS- Sights talk in clicks.

Convert the MOA error (point of aim vs. point of impact) to our rifle sighting system.

First, figure out what your sight's clicks per MOA is. (How many clicks make one MOA?)

Give examples: Standard scopes= 4 clicks per MOA. Have the students do math. "If 4

clicks moves one MOA, how many clicks are needed to move ...X.. MOA? Fill in "C" values as you go. Tech sights= 1 or 3/4 MOA per click, use 1, it is close enough.

M1A/M1 Garand or standard Military sights = 1moa/click.

ARE THERE ANY QUESTIONS? (If someone is totally lost just say "We will have Joe Instructor work with you" don't reteach the whole lesson)

Adjusting sights- Which way? Scopes: remove the cap and read what it says, arrow=direction. Open sights: Front site "false" and Rear sight "right (correct)". If you want to move your group up, move the front sight down. If you want to move the group left, move the rear sight left.

(Or good child, bad child)

Short and sweet. Too much information will kill your presentation.

Be confident!