USASC M110 Wind Handout

Wind rules:

- Estimate range to target. **SOT (inches) x 25.4 / Mil read**
- Establish Range value. Use normal rounding rules. At 600 meters, range value increases.

RANGE	VALUE
100 METERS	.1
200 METERS	.2
300 METERS	.3
400 METERS	.4
500 METERS	.5
600 METERS	.7
700 METERS	.8
800 METERS	.9

- Use mirage, vegetation, and other indicators on the range to estimate the wind's direction and speed.
- Take your estimated wind speed and divide by 4. Round to nearest multiple of 4. This becomes your constant.
- **Times your range value by constant.** This is your wind hold value in mils. If wind direction is half value, divide answer by 2. If wind is no value, apply center hold. ***Example*.** Range to target, 420 meters. Range value is .4 You estimate the wind to be coming from the 9 o' clock (full value) at 8 mph. What is your wind call? .4 x 2 = **Left .8**

1. Range to target, 700 meters. You estimate the wind to be coming from the 1 o'clock at 4 mph. What is your wind call? _____

2. Range to target, 300 meters. You estimate the wind to be coming from the 6 o'clock at 12 mph. What is your wind call? _____

3. Range to target, 800 meters. You estimate the wind to be coming from the 3 o'clock at 8 mph. What is your wind call? _____

4. Range to target, 400 meters. You estimate the wind to be coming from the 7 o'clock at 8 mph. What is your wind call? _____

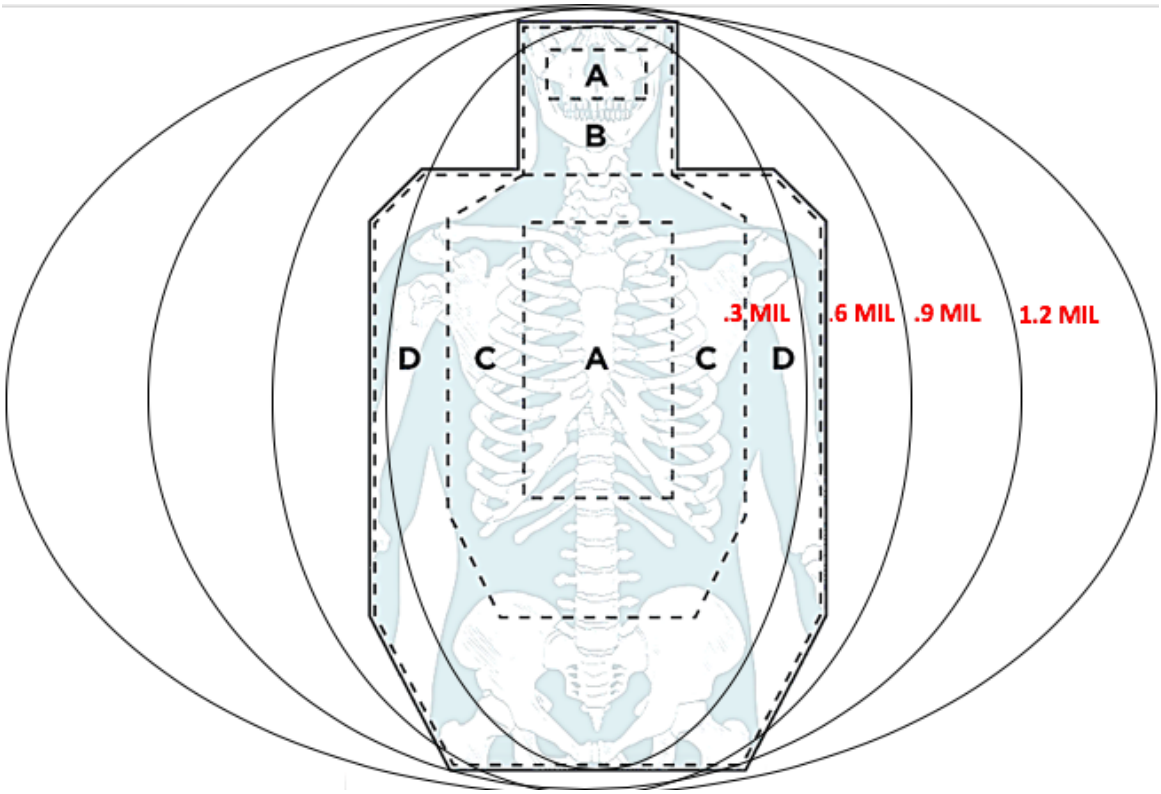
5. Range to target, 600 meters. You estimate the wind to be coming from the 3 o'clock at 16 mph. What is your wind call? _____

6. Range to target, 700 meters. You estimate the wind to be coming from the 9 o'clock at 20 mph. What is your wind call? _____

7. Range to target, 300 meters. You estimate the wind to be coming from the 12 o'clock at 16 mph. What is your wind call? _____

8. Range to target, 800 meters. You estimate the wind to be coming from the 3 o'clock at 12 mph. What is your wind call? _____

3-6-9-12 Rule



18" TARGET WIDTH

- .3 mil adjustment if outside of Lethal (A) zone.
- .6 mil adjustment if off edge of the target.
- .9 mil adjustment if miss is half the target size off the target.
- 1.2 mil adjustment if miss is a full target size off the target.

1. Target is 500 meters. Trace of round spotted off left edge. First shot wind call was RIGHT .5 mils. What is shot correction? _____

2. Target is 700 meters. Trace of round spotted half the target size off the right edge. First shot wind call was LEFT .9 mils. What is shot correction? _____

3. Target is 400 meters. Trace of round spotted off left edge of target. First shot wind call was RIGHT .4 mils. What is shot correction? _____

4. Target is 600 meters. Trace of round spotted full target size off right edge. First shot wind call was LEFT .5 mils. What is shot correction? _____

5. Target is 500 meters. Trace of round spotted right of A zone. First shot wind call was center hold. What is shot correction? _____

NOTE: .3 MIL equals 1 MOA at any distance. Always state direction then mil hold.