

ANNUAL RIFLE TRAINING DATABOOK

M27 INFANTRY AUTOMATIC RIFLE WITH SQUAD DAY OPTIC (SDO) AND RUGGEDIZED MIMIATURE REFLEX (RMR)

| | | | |
|----------------------|---------|---------------|-------|
| LAST NAME, INITIALS: | | LAST 4: | |
| UNIT: | | BLOOD TYPE: | |
| WEAPON SERIAL #: | | SDO SERIAL #: | |
| RANGE: | TARGET: | RELAY: | DATE: |

| | | |
|--------------------|---------|------|
| COLLIMATOR SETTING | | |
| ALPHA | NUMERIC | |
| | | |
| BUIS BZO | ELEV | WIND |
| | | |

NAVMC XXXXXX 11-11
S/N XXXXXXXXXXXXXXXXXXXX U/I BX OF 100
FOUO: Privacy sensitive when filled in

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Rifleman's Creed

THIS IS MY RIFLE.

There are many like it, but this one is mine. My rifle is my best friend. It is my life. I must master it as I must master my life.

My rifle, without me, is useless. Without my rifle, I am useless. I must fire my rifle true. I must shoot straighter than my enemy who is trying to kill me. I must shoot him before he shoots me.
I will...

My rifle and myself know that what counts in this war is not the rounds we fire, the noise of our burst, nor the smoke we make. We know that it is the hits that count.
We will hit...

My rifle is human, even as I, because it is my life. Thus, I will learn it as a brother. I will learn its weaknesses, its strength, its parts, its accessories, its sights and its barrel. I will keep my rifle clean and ready, even as I am clean and ready. We will become part of each other.
We will...

Before God, I swear this creed. My rifle and myself are the defenders of my country. We are the masters of our enemy.
We are the saviors of my life...

So be it, until victory is America's and there is no enemy, but peace!

- Major General William H. Rupertus -

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SAFETY RULES

1. TREAT EVERY WEAPON AS IF IT WERE LOADED.
2. NEVER POINT A WEAPON AT ANYTHING YOU DO NOT INTEND TO SHOOT.
3. KEEP YOUR FINGER STRAIGHT AND OFF THE TRIGGER UNTIL YOU ARE READY TO FIRE.
4. KEEP THE WEAPON ON SAFE UNTIL YOU INTEND TO FIRE.

1

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1

WEAPONS HANDLING

| WEAPON CONDITIONS | |
|--------------------|---|
| CONDITION 1 | SAFETY ON, MAGAZINE INSERTED, ROUND IN CHAMBER, BOLT FORWARD, EJECTION PORT COVER CLOSED. |
| CONDITION 2 | NOT APPLICABLE TO THE M16A4 RIFLE. |
| CONDITION 3 | SAFETY ON, MAGAZINE INSERTED, CHAMBER EMPTY, BOLT FORWARD, EJECTION PORT COVER CLOSED. |
| CONDITION 4 | SAFETY ON, MAGAZINE REMOVED, CHAMBER EMPTY, BOLT FORWARD, EJECTION PORT COVER CLOSED. |

| WEAPON COMMANDS | |
|-----------------------------|---|
| “LOAD” | TAKES THE WEAPON FROM CONDITION 4 TO CONDITION 3 |
| “MAKE READY” | TAKES THE WEAPON FROM CONDITION 3 TO CONDITION 1 |
| “FIRE” | ENGAGE TARGET(S) |
| “CEASE FIRE” | CEASE TARGET ENGAGEMENT |
| “UNLOAD” | TAKES THE WEAPON FROM ANY CONDITION TO CONDITION 4 |
| “UNLOAD, SHOW CLEAR” | REQUIRES A SECOND INDIVIDUAL TO INSPECT THE WEAPON BEFORE THE WEAPON IS PLACED INTO CONDITION 4 |

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USER SERVICEABILITY INSPECTION

Perform a user serviceability inspection before beginning live fire to ensure the weapon is in acceptable operating condition. This inspection complements, but does not replace, the pre-fire inspection (PFI) conducted by a qualified armorer. Specific inspection areas are:

1. Weapon is in Condition 4.
2. Compensator: Centered, and tight.
3. Barrel: Tight.
4. BUIS tightly secured to rail system, adjustable, straight. Front Sight Post: Adjustable, straight, shape.
5. Rail System: No cracks, chips, severe dents, rail covers present, no cracks, not excessively loose.
6. Sighting System: Proper model RCO for weapon, attached correctly/throw levers secured, lenses not cracked, scratched, or broken, and reticle not canted.
7. Stock: Tight on lower receiver, then break weapon down shotgun style.
8. Chamber/barrel: Remove bolt carrier group; clear of obstructions, no major pits or cracks.
9. Gas Tube (from chamber end): Not bent or damaged, uniform shape.
10. Bolt Carrier Group: Properly assembled, rotates freely, gas rings staggered evenly around bolt.
11. Lubrication: Lubricated for operational condition and climate, replace bolt carrier group, and reassemble weapon.

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FUNCTION CHECK

A function check is performed after reassembling the rifle to ensure the rifle is operational.

1. Ensure rifle is in Condition 4.
2. Pull charging handle to rear and release. Ensure selector lever is on SAFE. Move the trigger to the rear – hammer should not fall.
3. Place selector lever on SEMI. Move the trigger to the rear and **hold to rear** – hammer should fall. While holding the trigger to the rear, pull charging handle to rear and release. Release trigger until you hear a “clunk”.
4. Place selector lever on BURST. Move the trigger to the rear and **hold to rear** – hammer should fall. While holding the trigger to the rear, pull charging handle to rear three times and release. Release trigger until you hear a “clunk”, and move to the rear again – hammer should fall.
5. Pull charging handle to rear and release. Place selector lever on SAFE, close ejection port cover.

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4

CORRECTIVE ACTION

Corrective action is the process of identifying the cause of a stoppage, clearing the stoppage, and returning the weapon to operation.

| INDICATOR | CORRECTIVE ACTION |
|---|--|
| Bolt is forward or ejection port cover closed. | Observe, tap, rack, bang. |
| Bolt is locked to the rear. | Observe, conduct a speed reload. |
| Brass is obstructing chamber area. (Usually indicates double feed or failure to eject) | Observe, lock bolt to rear, remove magazine. Clear out the obstruction. Conduct a reload. |
| Brass stuck above the bolt. | Observe, place the weapon on SAFE, remove the magazine. Hold the bolt face back with a sturdy object while pushing forward on the charging handle to clear obstruction. Conduct reload. |
| Audible pop (reduced report), reduced recoil, or excessive smoke escaping from the chamber area. (May indicate a bullet is lodged in the bore) | <ul style="list-style-type: none"> - STOP FIRING! Observe, Place weapon in Condition 4. - Push rear take down pin all the way, pivot lower receiver. - Remove bolt carrier. - Inspect bore for obstruction by projectile. - Insert cleaning rod into bore from muzzle end and clear obstruction. - Reload, sight in, and attempt to fire (take weapon to an armorer if in training). |

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7 COMMON FACTORS OF SHOOTING POSITIONS

BUTT OF WEAPON HIGH IN POCKET OF SHOULDER ②

STOCKWELD AND EYE RELIEF ⑤

PLACEMENT OF REAR ELBOW ④

HIGH FIRM PISTOL GRIP ③

① FORWARD HAND RELAXED AND ELBOW CLOSE TO THE WEAPON (PROVIDING VERTICAL BONE SUPPORT)

⑥ BREATHING

⑦ MUSCULAR CONTROL

| | |
|-----------------------------|--|
| Natural Point of Aim | Natural point of aim is the point at which the rifle sights settle when bone support and muscular relaxation are achieved. The marksman will always check it (and adjust as necessary) every time a position is built. |
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⑥

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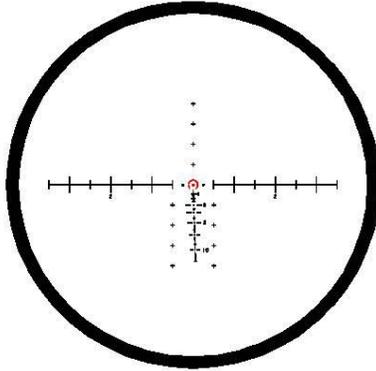
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AIMING

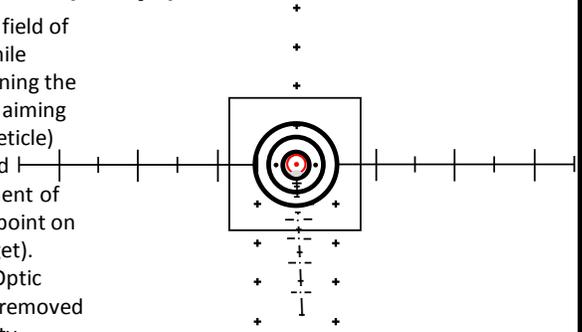
CORRECT SIGHT ALIGNMENT

FULL FIELD OF VIEW. The aiming eye aligned to the ocular lens so that no scope shadow is present. Proper stockweld and eye relief are the means for achieving correct sight alignment.



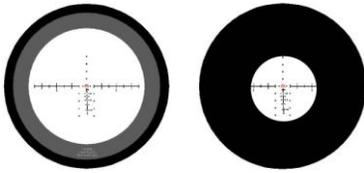
CORRECT SIGHT PICTURE (100 yd)

The full field of view while maintaining the desired aiming point (reticle) and hold (placement of aiming point on the target). NOTE: Optic outline removed for clarity.

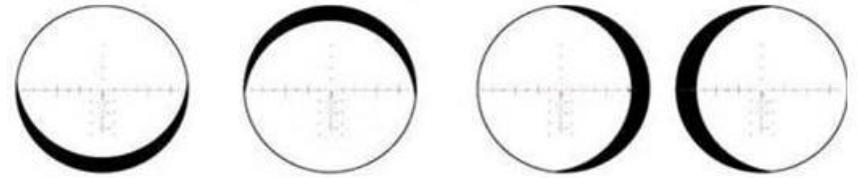


Improper eye relief and/or improper sight alignment will cause scope shadow and will result in improper shot placement.

IMPROPER EYE RELIEF
TOO CLOSE TOO FAR



IMPROPER SIGHT ALIGNMENT



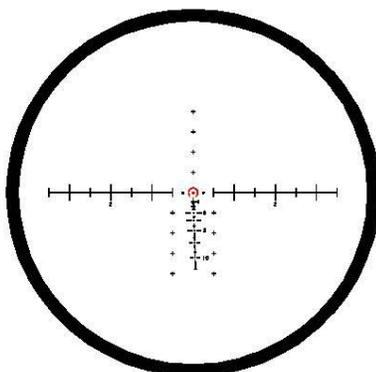
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7

AIMING

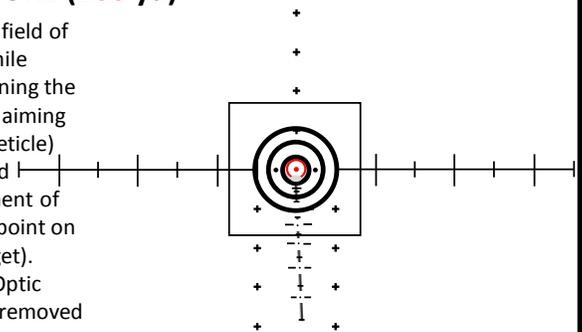
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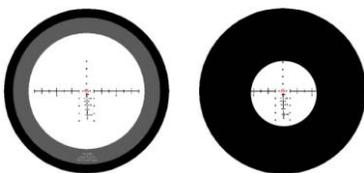
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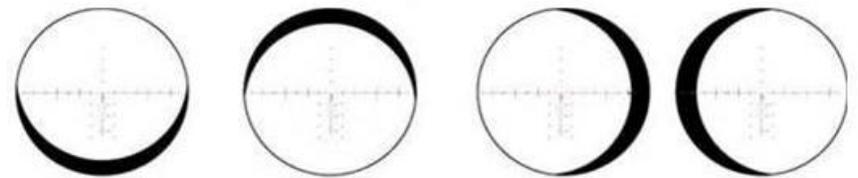


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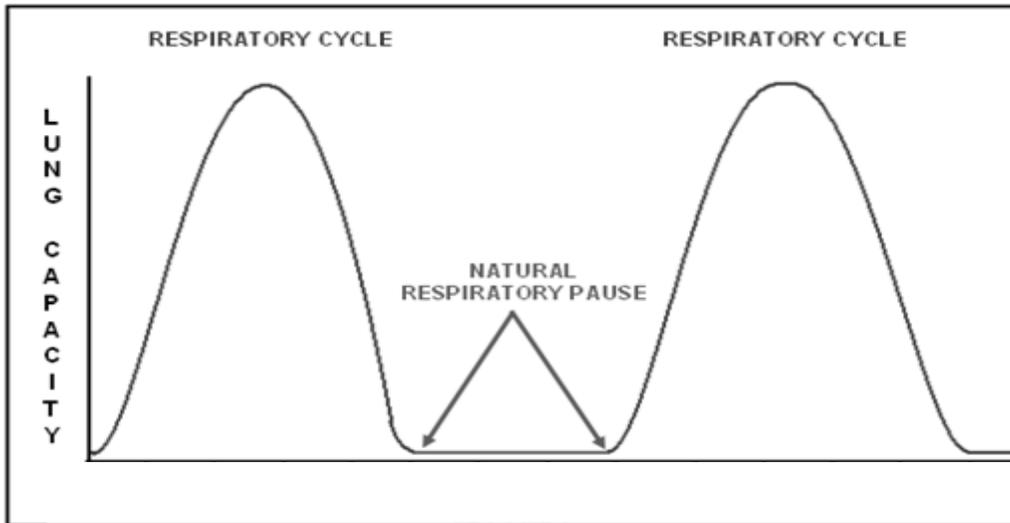


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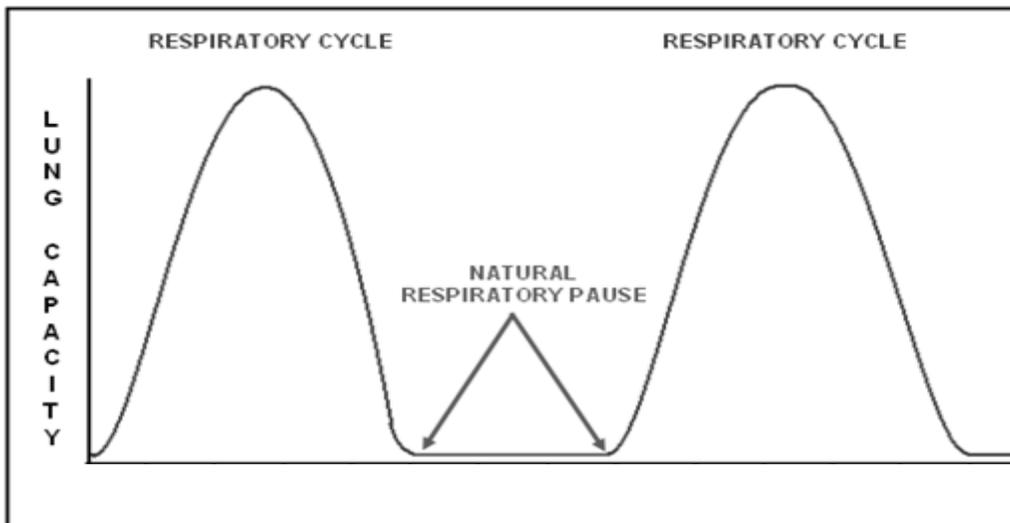
BREATH CONTROL

Breathing causes the body to move, which is transferred to the rifle, making it impossible to maintain sight picture. Therefore, natural point of aim, aiming refinement and shot delivery must each be accomplished during the natural respiratory pause - between breaths.



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TRIGGER CONTROL

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| TRIGGER CONTROL | Trigger Control is the skillful manipulation of the trigger to the rear that causes the rifle to fire without disturbing sight alignment or sight picture. |
| UNINTERRUPTED TRIGGER CONTROL | Uninterrupted trigger control is when the trigger is moved straight to the rear with a single, smooth motion. |
| INTERRUPTED TRIGGER CONTROL | Interrupted trigger control is when the application of trigger pressure is interrupted when an error in the aiming process is detected. The applied pressure is kept on the trigger until the error is corrected. |

| | |
|----------------------|---|
| Common Errors | <ul style="list-style-type: none">•Lateral movement of the trigger (not straight to the rear)•Grip pressure: trigger finger not moving independently from the hand and other fingers |
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FOLLOW-THROUGH / RECOIL RECOVERY

As a shot is fired, the natural recoil of a weapon will test a shooter's position. If proper bone support, muscular control and natural point of aim are applied, the weapon will return to the shooter's natural point of aim, ready for another shot.

FOLLOW-THROUGH - Follow-through is the continued application of the fundamentals until the round has exited the barrel. In combat, follow-through is important to avoid altering the impact of the round by keeping the rifle as still as possible until the round exits the barrel.

RECOIL RECOVERY - Management of recoil in preparation to deliver a follow-on shot. Pressure on the trigger is released smoothly until you hear and feel the trigger reset with a "clunk". The finger remains on the trigger to provide consistency in trigger control while firing successive shots.

| | |
|----------------------|---|
| Common Errors | <ul style="list-style-type: none">•Trigger Control: removing the finger from the trigger•Anticipation – bucking, flinching•Position – natural point of aim not achieved, forward elbow not providing vertical support |
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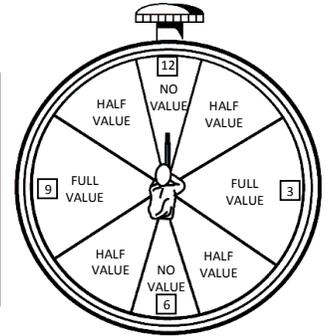
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WIND

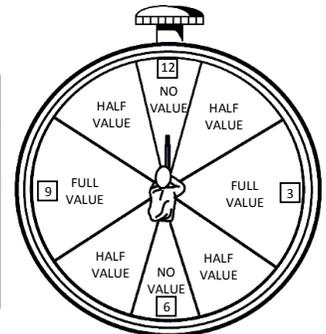
| CLASSIFICATION | |
|------------------|--|
| DIRECTION | Determine wind direction by observing the direction vegetation is moving, by feeling the wind blow against the body, or by observing the direction of a flag. |
| VALUE | Winds are classified according to the direction from which they are blowing in relation to the direction of fire. The clock system indicates wind direction and value. The target is always at 12 o'clock. |



| VELOCITY (OBSERVATION METHOD) | |
|-------------------------------|---|
| Under 3 MPH | The wind can hardly be felt on the face, but the presence of a slight wind can be detected by drifting smoke. |
| 3 – 5 MPH | Wind can be felt lightly on the face. |
| 5 – 8 MPH | Wind keeps tree leaves in constant motion. |
| 8 – 12 MPH | Wind will raise dust and loose paper. |
| 12 – 15 MPH | Wind will cause small trees to sway. |
| 15 – 25 MPH | Wind will cause large trees to sway. |

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WINDAGE HOLDS M27

| | | | | | | | | | | |
|--|---|---|---|---|---|-------------|-------------|-------------|-------------|-------------|
| Wind speed is determined by the angle of the flag. The different speeds at each angle can be approximated based on how fast the flag flutters at each angle. |  |  |  |  |  | | | | | |
| | 5 MPH | 10 MPH | 15 MPH | 20 MPH | 25 MPH | | | | | |
| | WIND VALUE | WIND VALUE | | WIND VALUE | | WIND VALUE | | WIND VALUE | | |
| RANGE (yards) | FULL | HALF | FULL | HALF | FULL | HALF | FULL | HALF | FULL | HALF |
| 200 | 2" | 1" | 5" | 2" | 7" | 3" | 9" | 4" | 11" | 5" |
| 300 | 5" | 2" | 11" | 5" | 16" | 8" | 22" | 11" | 27" | 13" |
| 500 | 17" | 8" | 35" | 17" | 52" | 26" | 69" | 34" | 87" | 43" |

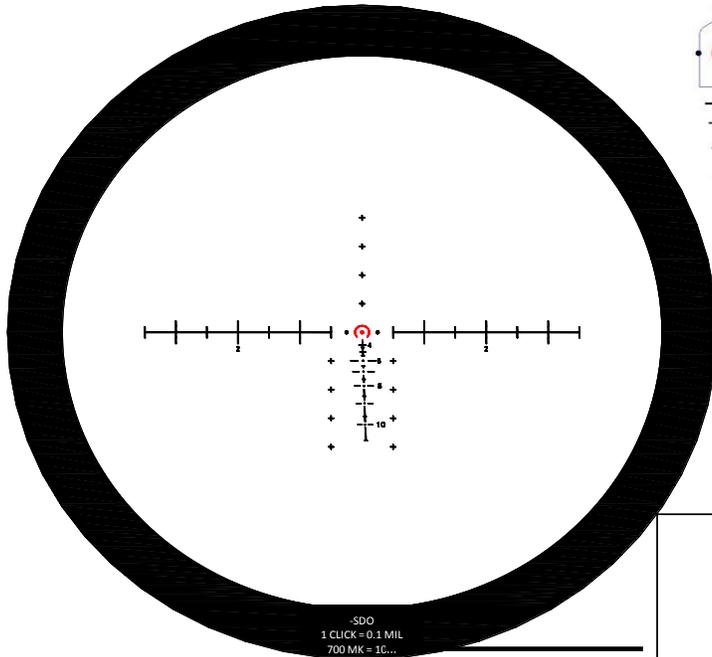
The values in the above table reflect the windage holds that should be used when the surrounding terrain does not reduce the effect wind has on the flight of the bullet. While conducting marksmanship training on known-distance ranges, these values must be adjusted in order to compensate for the wind-reducing effects of the side-berms and/or trees. The figures in the following pages have been adjusted accordingly.

WINDAGE HOLDS M16A4

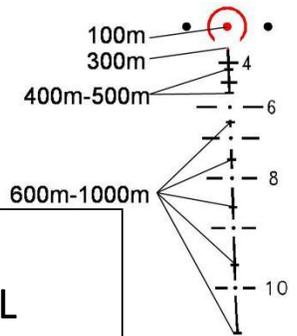
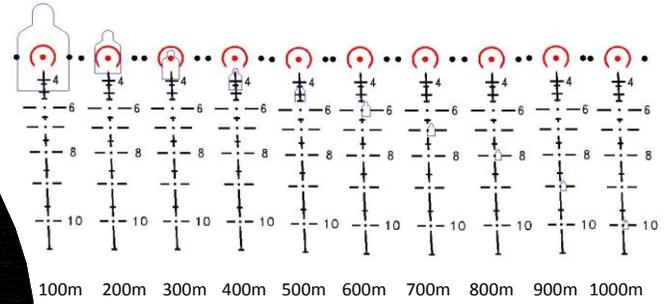
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SDO RETICLE RANGING AND POINTS OF AIM

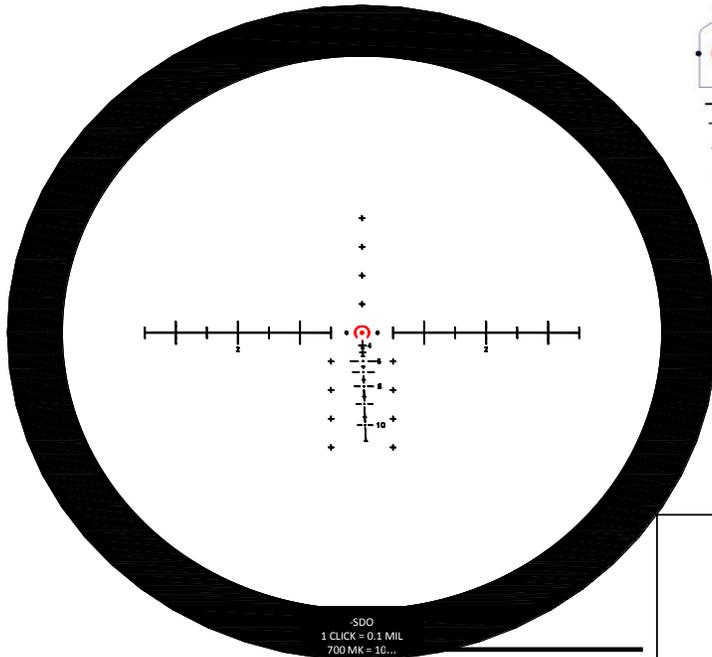


SDO
1 CLICK = 0.1 MIL
700 MK = 10...

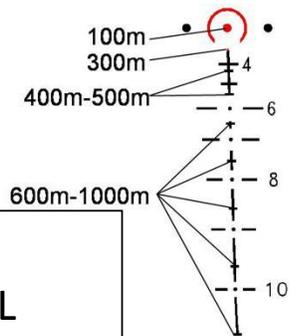
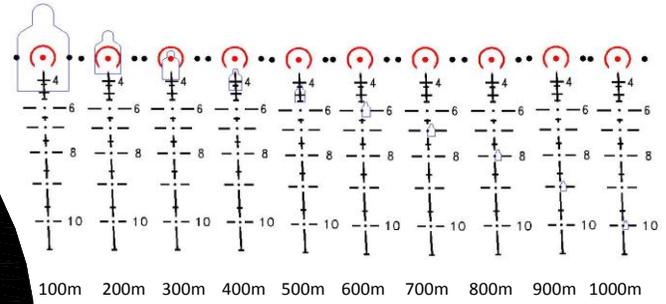


TA11SDO
1 CLICK=0.1 MIL
700 MK = 10M QUAL

SDO RETICLE RANGING AND POINTS OF AIM



SDO
1 CLICK = 0.1 MIL
700 MK = 10...



TA11SDO
1 CLICK=0.1 MIL
700 MK = 10M QUAL

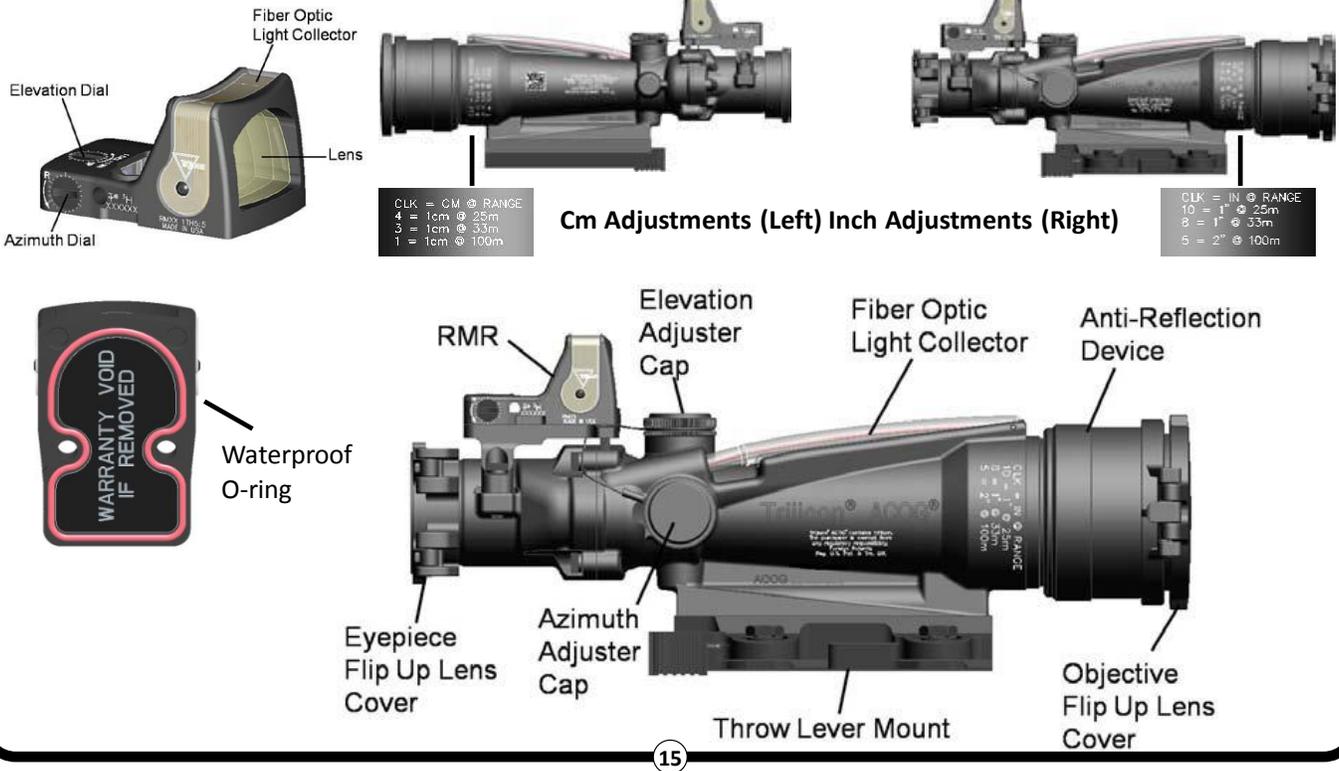
DEFINITIONS

| | |
|---------------------|--|
| AIMING POINT | The point within the reticle where the aiming eye is focused when engaging a target. |
| HOLD | The placement of the aiming point relative to the target required to place a single shot, or the center of a shot group, in a pre-designated location on a target at a specific range, from a specific firing position, under specific weather conditions. |
| ZERO | The elevation and windage settings (BUIS), or hold (RCO) required to place a single shot, or the center of a shot group, in a pre-designated location on a target at a specific range, from a specific firing position, under ideal weather conditions. |
| | The elevation and windage settings required to place a single shot, or the center of a shot group, in a pre-designated location on a target from 0 to 300 yards/meters, under ideal weather conditions. |

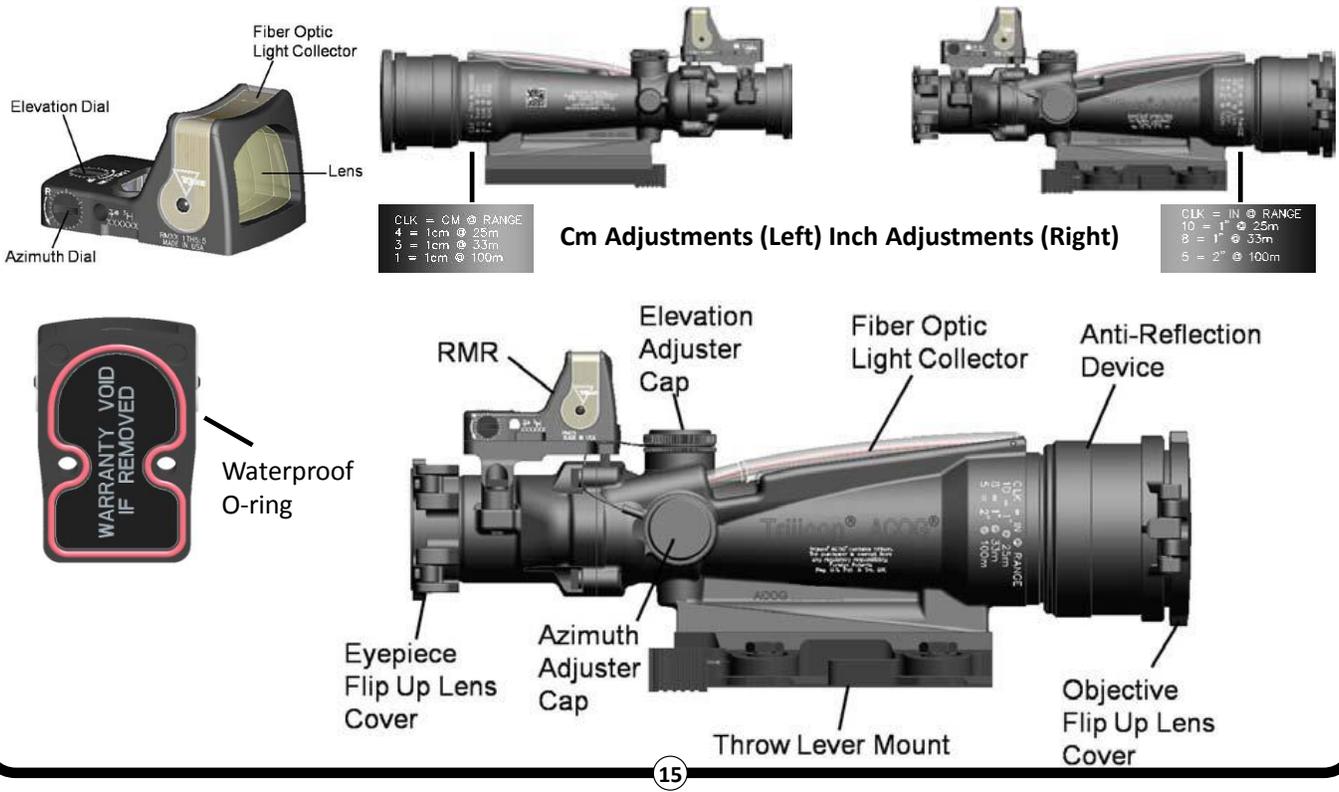
DEFINITIONS

| | |
|---------------------|--|
| AIMING POINT | The point within the reticle where the aiming eye is focused when engaging a target. |
| HOLD | The placement of the aiming point relative to the target required to place a single shot, or the center of a shot group, in a pre-designated location on a target at a specific range, from a specific firing position, under specific weather conditions. |
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| | The elevation and windage settings required to place a single shot, or the center of a shot group, in a pre-designated location on a target from 0 to 300 yards/meters, under ideal weather conditions. |

SDO NOMENCLATURE (EXTERNAL)



SDO NOMENCLATURE (EXTERNAL)



MOUNTING THE SDO

The SDO is attached to the weapon's MIL-STD-1913 rail using a locking throw lever mount. Prior to placing the SDO on the M1913 rail, ensure that the two locking levers are in the unlocked position. To unlock the two throw levers, open the front lever first, then on the rear lever, slide the Thumb Lock Safety to the open position and open the rear lever



The throw lever mount is unlocked when the front and rear levers are pointing forward



With the locking throw levers open, place the SDO onto the M1913 rail. Be sure to align the Interface Stud located on the bottom of the mount with the groove on the MIL-STD-1913 Rail as illustrated



The locking throw lever mount is locked when both locking levers are facing to the rear and the thumb lock is locked into the mount as illustrated



16

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16

MOUNTING THE SDO

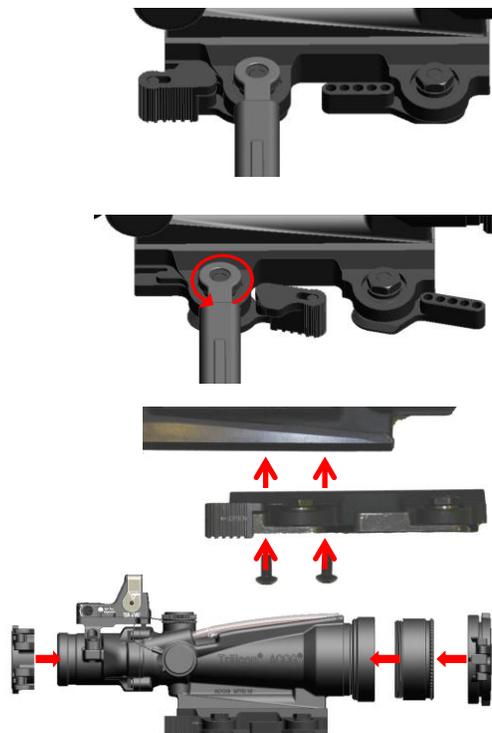
If loose, remove the SDO from the rail and move the levers to the closed position and turn the locknut, using the 3/8" wrench provided, in a clockwise direction incrementally 1/16th-1/8th a turn until resistance is met when pushing the levers into the closed position on the rail.

If tight, remove the SDO from the rail and move the levers to the open position and turn the locknut, using the 3/8" wrench provided, in a counter clockwise direction incrementally 1/16th-1/8th a turn until resistance is met when pushing the levers into the closed position on the rail.

The throw lever mount includes multiple mounting holes to give the operator flexibility when mounting the optic and to assist in bringing the optic over the rear sight to allow the operator to get the proper 2.4" of eye relief for a full Field of View.

INSTALLATION OF THE ANTI REFLECTION DEVICE (ARD)

- (1) Slide the Eyepiece Flip Up Lens Cover over the Ocular lens.
- (2) Screw the ARD onto the Objective housing.
- (3) Slide Objective Flip Up Lens Cover onto the ARD. **DO NOT** use Thread Locking Compound on Threads.



17

MOUNTING THE SDO

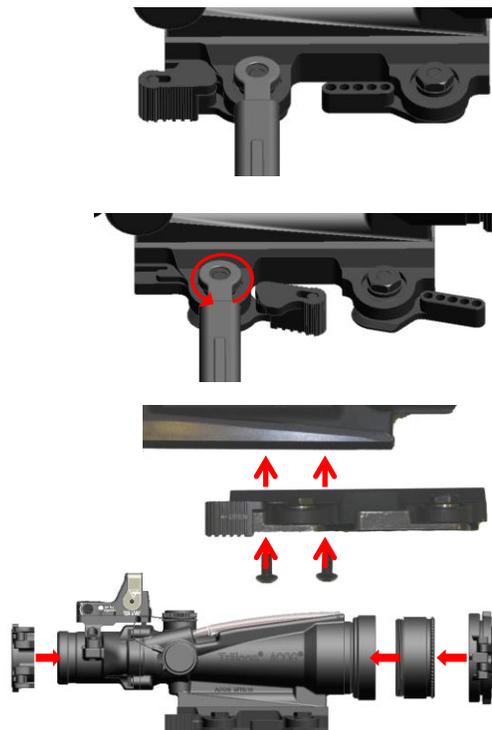
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17

TABLE 1A COURSE OF FIRE

| BLOCK / DAY | STAGE | RANGE | TIME | AMMO | FILL PLAN # MAGS / # RND S EA. | TARGET | POSITION | SLING | |
|-------------|-------|------------|------|------------------|-----------------------------------|--------|----------|--|------------------------|
| 1 & 2 | 1 | SLOW-FIRE | 200 | 25 MIN | 20 | 4/5 | ABLE | SITTING KNEELING STANDING ANY | LOOP LOOP PARADE |
| | 2 | RAPID-FIRE | 200 | 60 SEC 60 SEC | 20 | 2/10 | DOG | SITTING | LOOP |
| | 3 | SLOW-FIRE | 300 | 5 MIN | 5 | 1/5 | ABLE | SITTING | LOOP |
| | 4 | RAPID-FIRE | 300 | 60 SEC 60 SEC | 20 | 2/10 | DOG | STANDING TO PRONE | LOOP |
| | 5 | SLOW-FIRE | 500 | 15 MIN | 15 | 1/10 | B-MOD. | PRONE | LOOP |
| 3 | 1 | SLOW-FIRE | 200 | 20 MIN | 15 | 3/5 | ABLE | SITTING KNEELING STANDING | LOOP LOOP PARADE |
| | 2 | RAPID-FIRE | 200 | 60 SEC | 10 | 1/10 | DOG | SITTING | LOOP |
| | 3 | SLOW-FIRE | 300 | 5 MIN | 5 | 1/5 | ABLE | SITTING | LOOP |
| | 4 | RAPID-FIRE | 300 | 60 SEC | 10 | 1/10 | DOG | STANDING TO PRONE | LOOP |
| | 5 | SLOW-FIRE | 500 | 10 MIN | 10 | 1/10 | B-MOD. | PRONE | LOOP |

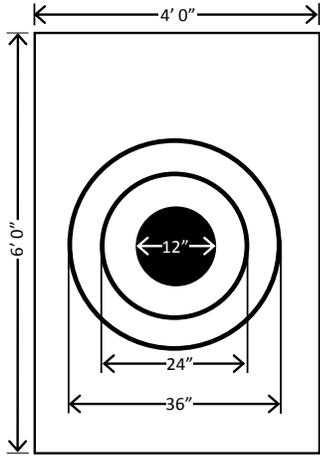
18

TABLE 1A COURSE OF FIRE

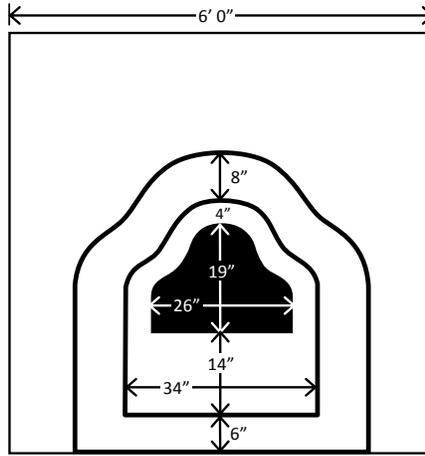
| BLOCK / DAY | STAGE | RANGE | TIME | AMMO | FILL PLAN # MAGS / # RND S EA. | TARGET | POSITION | SLING | |
|-------------|-------|------------|------|------------------|-----------------------------------|--------|----------|--|------------------------|
| 1 & 2 | 1 | SLOW-FIRE | 200 | 25 MIN | 20 | 4/5 | ABLE | SITTING KNEELING STANDING ANY | LOOP LOOP PARADE |
| | 2 | RAPID-FIRE | 200 | 60 SEC 60 SEC | 20 | 2/10 | DOG | SITTING | LOOP |
| | 3 | SLOW-FIRE | 300 | 5 MIN | 5 | 1/5 | ABLE | SITTING | LOOP |
| | 4 | RAPID-FIRE | 300 | 60 SEC 60 SEC | 20 | 2/10 | DOG | STANDING TO PRONE | LOOP |
| | 5 | SLOW-FIRE | 500 | 15 MIN | 15 | 1/10 | B-MOD. | PRONE | LOOP |
| 3 | 1 | SLOW-FIRE | 200 | 20 MIN | 15 | 3/5 | ABLE | SITTING KNEELING STANDING | LOOP LOOP PARADE |
| | 2 | RAPID-FIRE | 200 | 60 SEC | 10 | 1/10 | DOG | SITTING | LOOP |
| | 3 | SLOW-FIRE | 300 | 5 MIN | 5 | 1/5 | ABLE | SITTING | LOOP |
| | 4 | RAPID-FIRE | 300 | 60 SEC | 10 | 1/10 | DOG | STANDING TO PRONE | LOOP |
| | 5 | SLOW-FIRE | 500 | 10 MIN | 10 | 1/10 | B-MOD. | PRONE | LOOP |

18

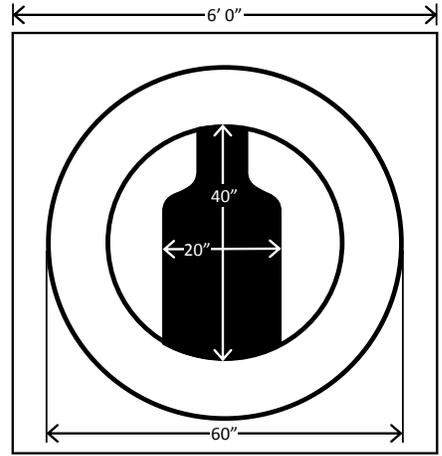
**TABLE 1
TARGET DIMENSIONS**



**"Able"
Target**

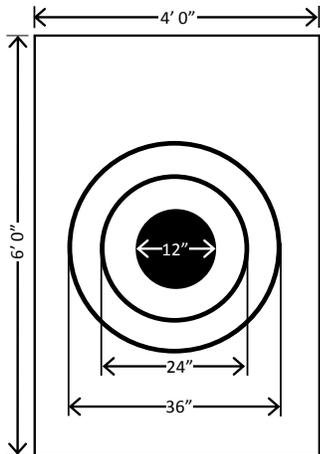


**"Dog"
Target**

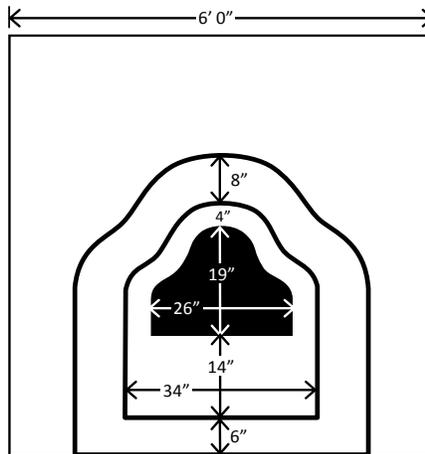


**"B-Modified"
Target**

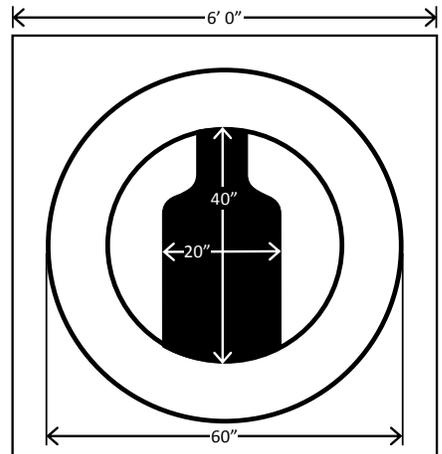
**TABLE 1
TARGET DIMENSIONS**



**"Able"
Target**



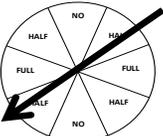
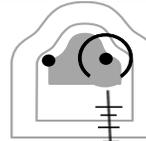
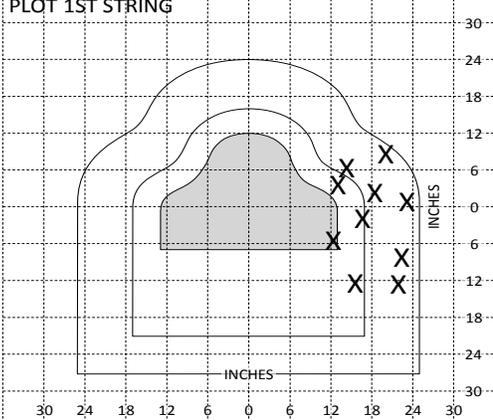
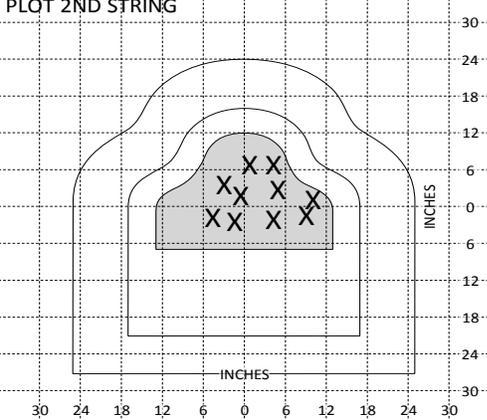
**"Dog"
Target**

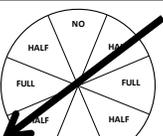
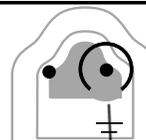
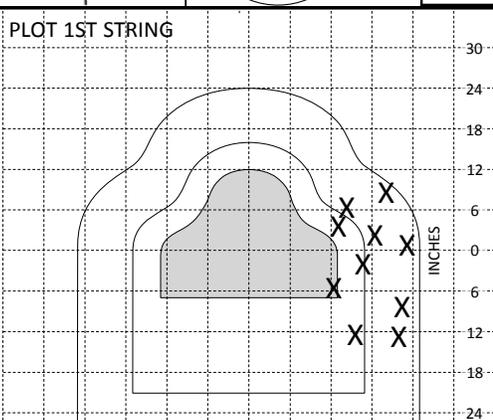
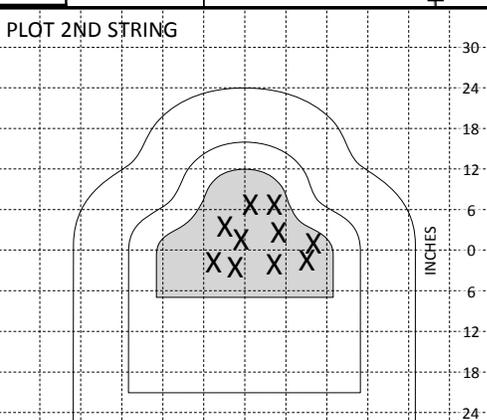


**"B-Modified"
Target**

| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | EXAMPLE | |
|---|--|-----------------------------------|----------------|-------|-------|-------|--|------|
| ZERO | | | + WIND = | | | | | HOLD |
| | | HOLDS IN INCHES | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT | | | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| <input type="checkbox"/> OVERCAST | <input checked="" type="checkbox"/> DRY | | | | | | <input type="checkbox"/> LT RAIN | |
| <input checked="" type="checkbox"/> PARTLY CLOUDY | <input type="checkbox"/> MIST | <input type="checkbox"/> HVY RAIN | REMARKS | | | | | |
| <input type="checkbox"/> CLEAR | Some clouds, sun out of 2:00 low in the sky, temp cool. Changed hold on shot 3. Anticipated shot 4. Otherwise good zero. | | | | | | | |
| DURING FIRING | | | | | | | | |
| 1 | 2 | 3 | | | | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| 4 | 5 | EX | | | | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |

| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | EXAMPLE | |
|---|--|-----------------------------------|----------------|-------|-------|-------|--|------|
| ZERO | | | + WIND = | | | | | HOLD |
| | | HOLDS IN INCHES | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT | | | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| <input type="checkbox"/> OVERCAST | <input checked="" type="checkbox"/> DRY | | | | | | <input type="checkbox"/> LT RAIN | |
| <input checked="" type="checkbox"/> PARTLY CLOUDY | <input type="checkbox"/> MIST | <input type="checkbox"/> HVY RAIN | REMARKS | | | | | |
| <input type="checkbox"/> CLEAR | Some clouds, sun out of 2:00 low in the sky, temp cool. Changed hold on shot 3. Anticipated shot 4. Otherwise good zero. | | | | | | | |
| DURING FIRING | | | | | | | | |
| 1 | 2 | 3 | | | | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| 4 | 5 | EX | | | | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |

| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | EXAMPLE | |
|---|---|---|------|--|-------|---|---|--|
| ZERO | | + | WIND | = | | HOLD | | |
|  |  | HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | |
|  | | 2ND STRING HOLD | | | | |  | |
| | | REMARKS | | | | | | |
| LIGHT <input checked="" type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input checked="" type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | Miscalculated wind data. Corrected on 2 nd string. | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | |

| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | EXAMPLE | |
|---|---|---|------|--|-------|---|---|--|
| ZERO | | + | WIND | = | | HOLD | | |
|  |  | HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | |
|  | | 2ND STRING HOLD | | | | |  | |
| | | REMARKS | | | | | | |
| LIGHT <input checked="" type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input checked="" type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | Miscalculated wind data. Corrected on 2 nd string. | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | |

200 YARD SLOW-FIRE SITTING

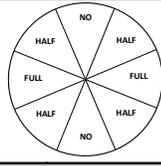
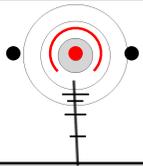
BEFORE FIRING

PRACTICE

ZERO

+ WIND =

HOLD



HOLDS IN INCHES

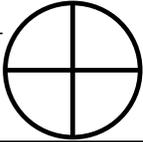
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |



WEATHER DATA

LIGHT

- OVERCAST
- PARTLY CLOUDY
- CLEAR



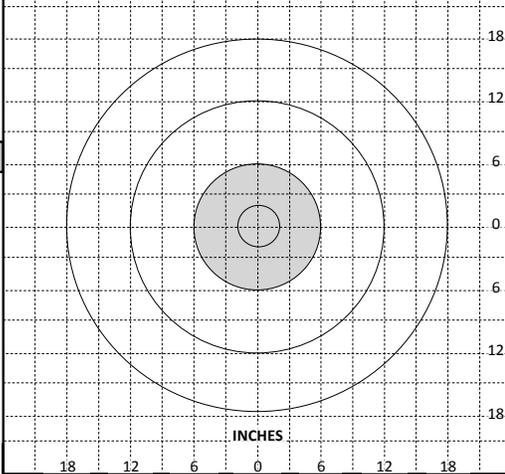
PRECIP

- DRY
- LT RAIN
- MIST
- HVY RAIN

DURING FIRING

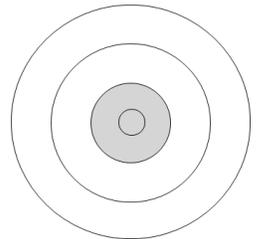
| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



REMARKS

Some clouds, sun out of 2:00 low in the sky, temp cool. Changed hold on shot 3. Anticipated shot 4. Otherwise good zero.

200 YARD SLOW-FIRE SITTING

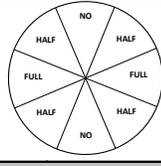
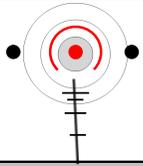
BEFORE FIRING

PRACTICE

ZERO

+ WIND =

HOLD



HOLDS IN INCHES

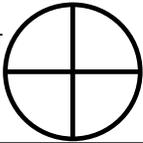
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |



WEATHER DATA

LIGHT

- OVERCAST
- PARTLY CLOUDY
- CLEAR



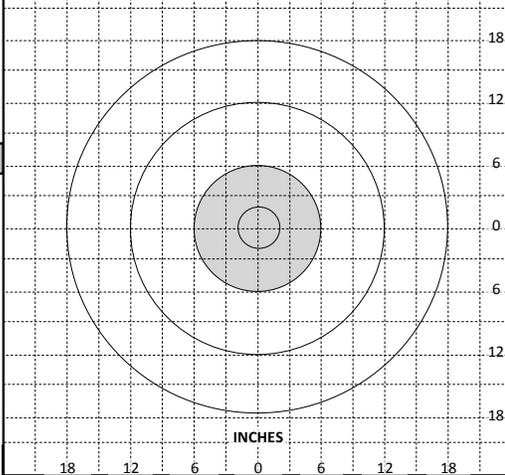
PRECIP

- DRY
- LT RAIN
- MIST
- HVY RAIN

DURING FIRING

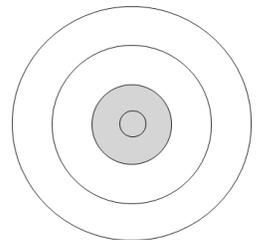
| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



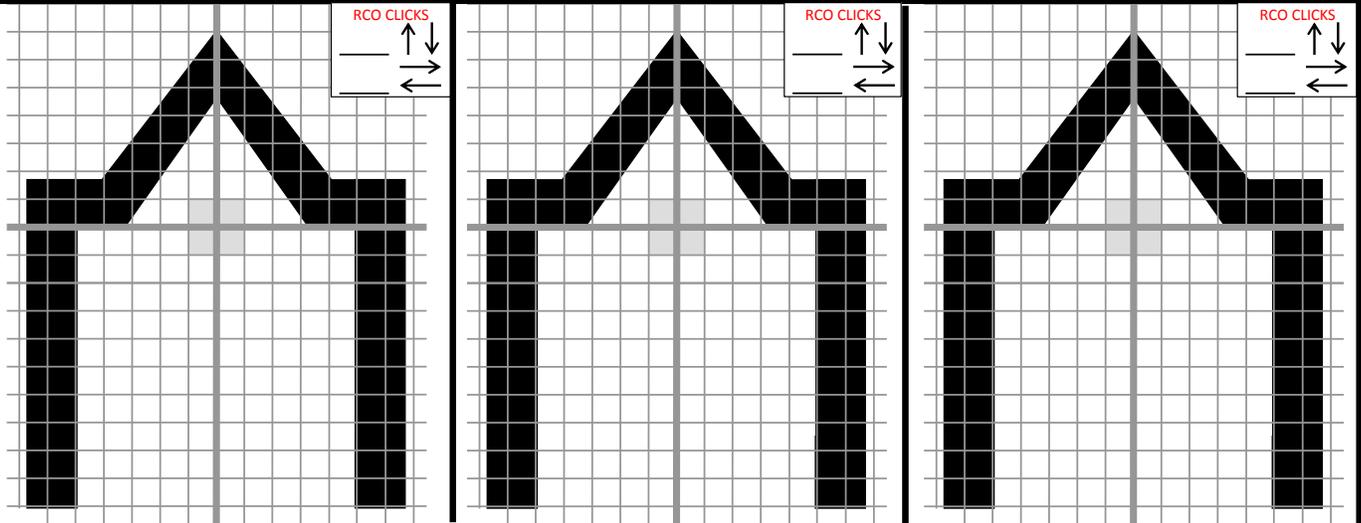
REMARKS

Some clouds, sun out of 2:00 low in the sky, temp cool. Changed hold on shot 3. Anticipated shot 4. Otherwise good zero.

| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | PRACTICE | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--|-------|---|-------|-----------------|----------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|--|--|--|--|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | | | | | | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | | | |
| | 2ND STRING HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | | | | | |

| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | PRACTICE | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--|-------|---|-------|-----------------|----------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|--|--|--|--|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | | | | | | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | | | |
| | 2ND STRING HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |
| REMARKS | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | | | | | |

PRE-ZERO SIGHT SETTING



Two major objectives for the exercise:

1. To determine if the weapon can hold a group or is mechanically deficient.
2. To determine if the shooter can apply marksmanship fundamentals.

The steps for grouping are:

1. The shooter fires five rounds at the center target.
2. The coach measures the size of the group to determine if the shooter can hold a nine minute of angle group. The shooter fires the next five rounds on the left target.
3. Repeat step two. The shooter fires the last five rounds on the right target.
4. Repeat step two. If the weapon holds a nine minute of angle group the shooter is done firing. If not, range personnel will fire the weapon. If the weapon does not hold a group, issue the shooter a new weapon and repeat the exercise.

Each square = 1/2 inch

ELEVATION:

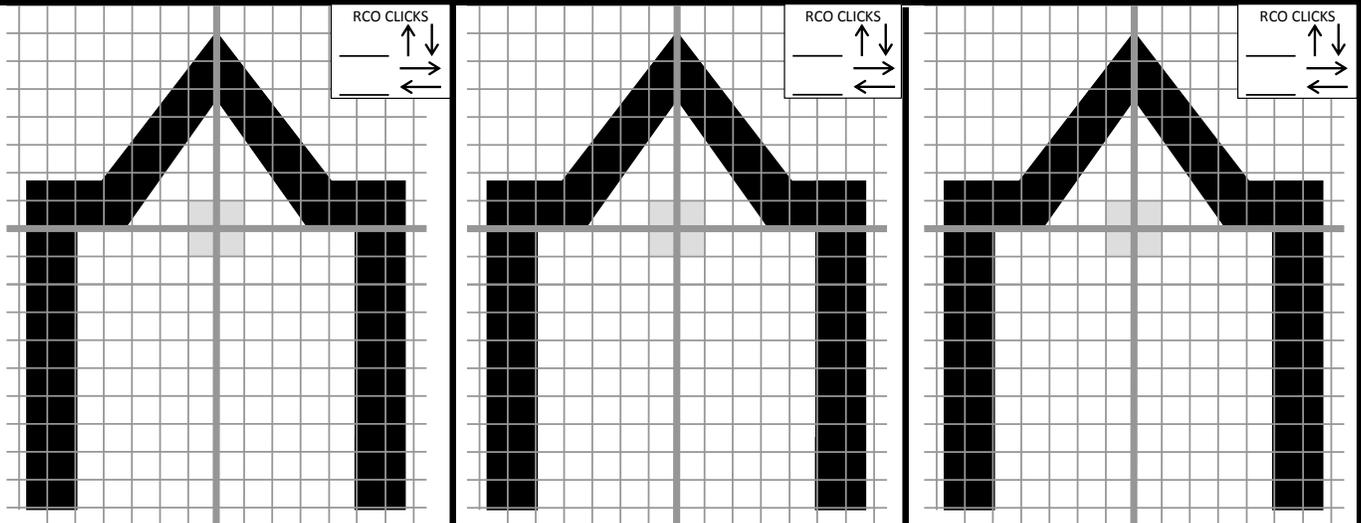
RCO - 9 clicks = 1 in
M16A4 (BUIS) - 1 click = 1/2 in

WINDAGE:

RCO - 9 clicks = 1 in
M16A4 - (BUIS) - 3 clicks = 1/2 in

25

PRE-ZERO SIGHT SETTING



Two major objectives for the exercise:

1. To determine if the weapon can hold a group or is mechanically deficient.
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ELEVATION:

RCO - 9 clicks = 1 in
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WINDAGE:

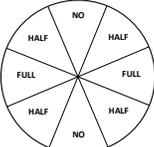
RCO - 9 clicks = 1 in
M16A4 - (BUIS) - 3 clicks = 1/2 in

25

100 YARD ZERO **BEFORE FIRING** **TABLE 1**

ZERO **+** **WIND** **=** **HOLD**

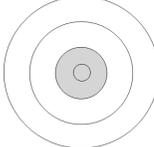




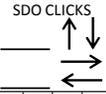
HOLDS IN INCHES



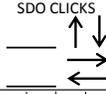
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 4 | 6 | 8 | 10 |
| HALF | 1 | 2 | 3 | 4 | 5 |



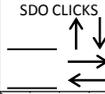
SDO CLICKS

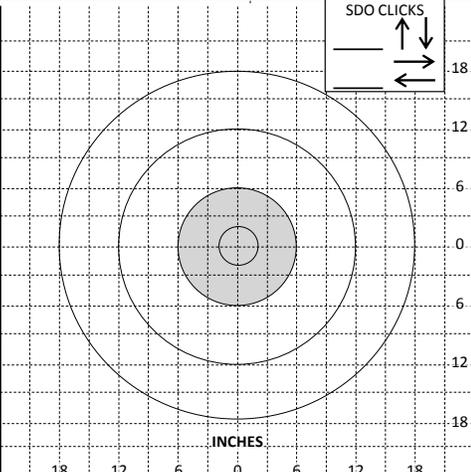


SDO CLICKS

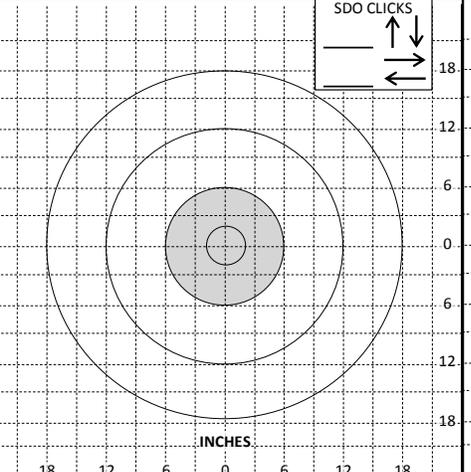


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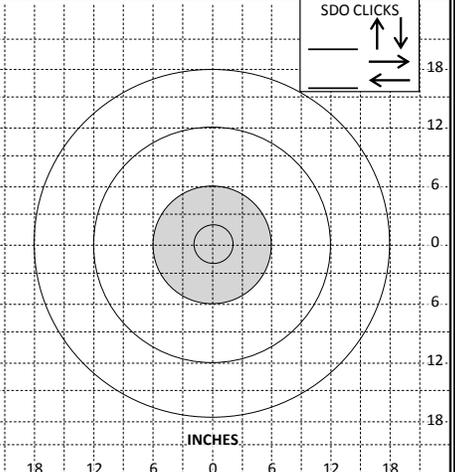




INCHES



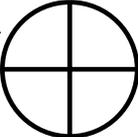
INCHES



INCHES

LIGHT

 OVERCAST
 PARTLY CLOUDY
 CLEAR



PRECIP

 DRY LT RAIN
 MIST HVY RAIN

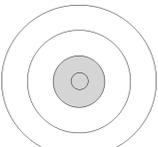
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

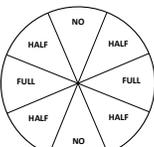


26

100 YARD ZERO **BEFORE FIRING** **TABLE 1**

ZERO **+** **WIND** **=** **HOLD**

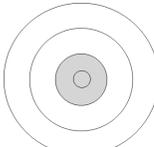




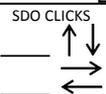
HOLDS IN INCHES



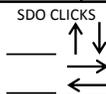
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 4 | 6 | 8 | 10 |
| HALF | 1 | 2 | 3 | 4 | 5 |



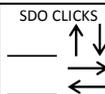
SDO CLICKS

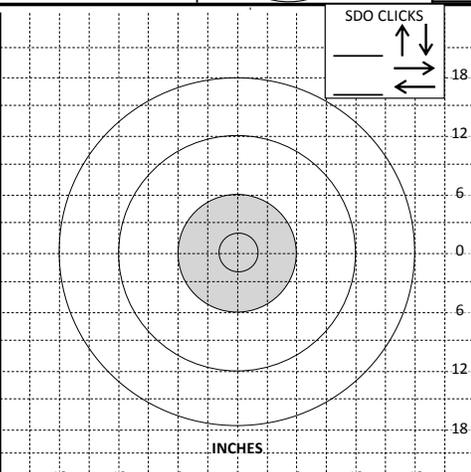


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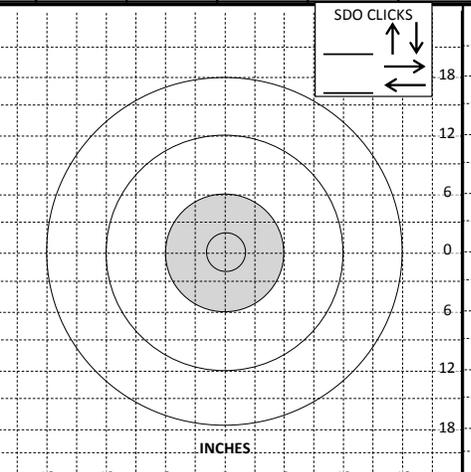


SDO CLICKS

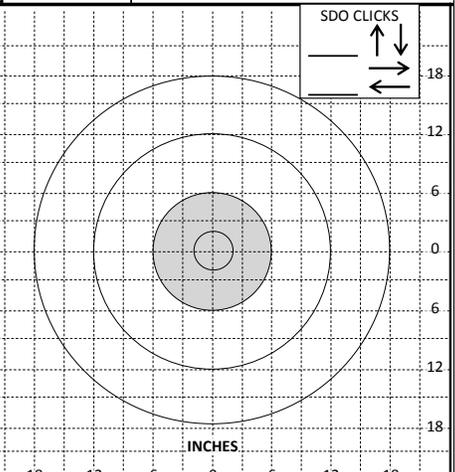




INCHES



INCHES



INCHES

LIGHT

 OVERCAST
 PARTLY CLOUDY
 CLEAR



PRECIP

 DRY LT RAIN
 MIST HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



26

200 YARD SLOW-FIRE SITTING **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

200 YARD SLOW-FIRE SITTING **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

200 YARD SLOW-FIRE KNEELING **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

200 YARD SLOW-FIRE KNEELING **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

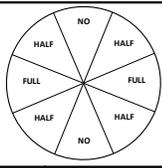
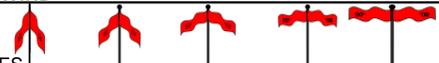
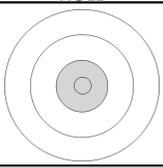
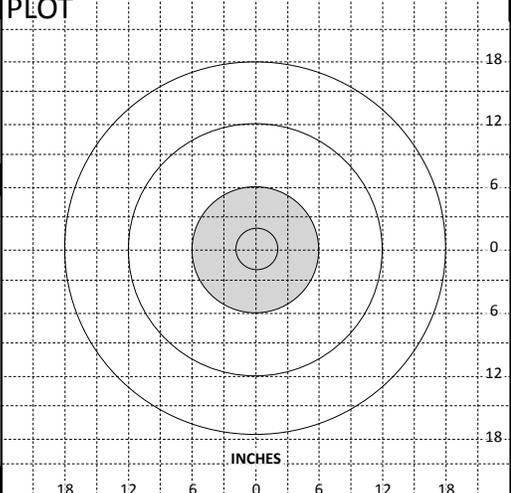
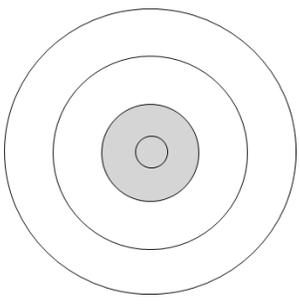
AFTER FIRING

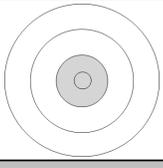
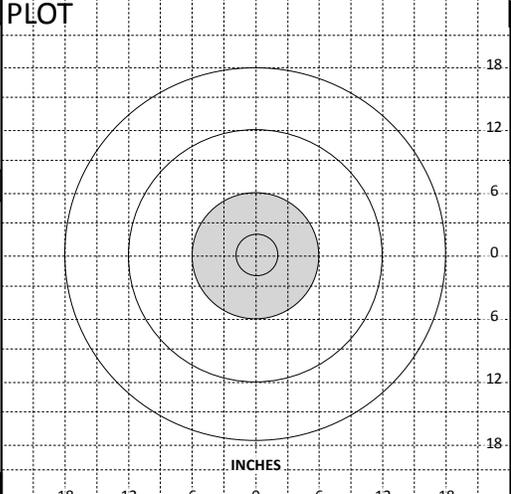
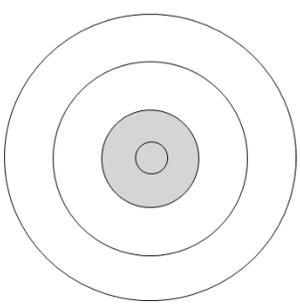
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY ONE |
|--|--|--|------|--|-------|-------|---|
| ZERO | | + WIND = | | | | | HOLD |
|  | |  | |  | | |  |
| | | HOLDS IN INCHES | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
| | | FULL | 2 | 5 | 7 | 9 | 11 |
| | | HALF | 1 | 2 | 3 | 4 | 5 |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  |
| DURING FIRING | | REMARKS | | | | | |
| 1 CALL HOLD | | 2 CALL HOLD | | 3 CALL HOLD | | | |
| 4 CALL HOLD | | 5 CALL HOLD | | EX CALL HOLD | | | |

| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY ONE |
|--|--|--|------|--|-------|-------|---|
| ZERO | | + WIND = | | | | | HOLD |
|  | |  | |  | | |  |
| | | HOLDS IN INCHES | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
| | | FULL | 2 | 5 | 7 | 9 | 11 |
| | | HALF | 1 | 2 | 3 | 4 | 5 |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  |
| DURING FIRING | | REMARKS | | | | | |
| 1 CALL HOLD | | 2 CALL HOLD | | 3 CALL HOLD | | | |
| 4 CALL HOLD | | 5 CALL HOLD | | EX CALL HOLD | | | |

200 YARD SLOW-FIRE ANY POSITION **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

INCHES

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

200 YARD SLOW-FIRE STANDING **BEFORE FIRING** **DAY ONE**

ZERO + WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 2 | 5 | 7 | 9 | 11 |
| HALF | 1 | 2 | 3 | 4 | 5 |

WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

PLOT

INCHES

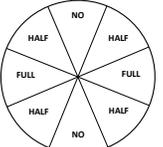
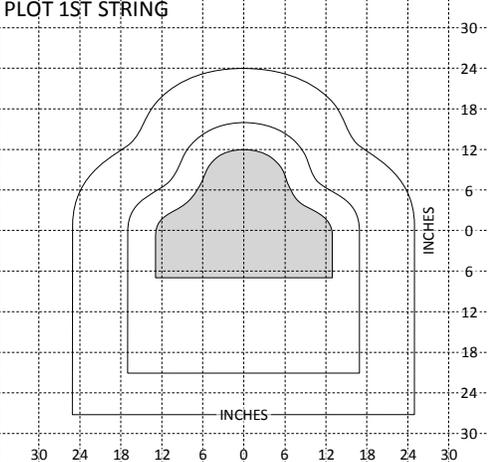
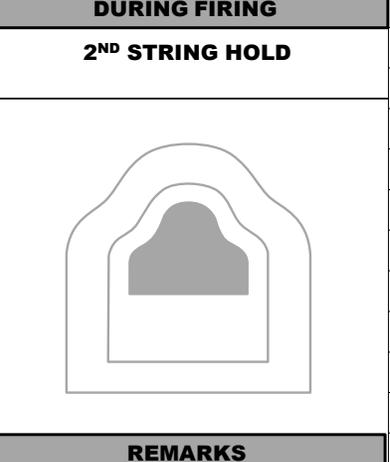
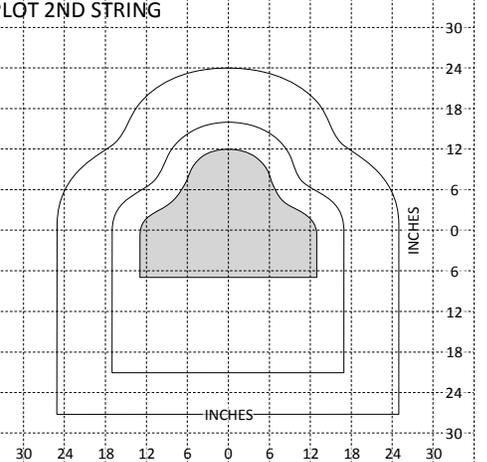
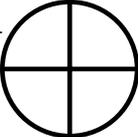
AFTER FIRING

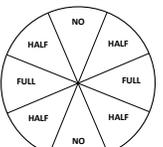
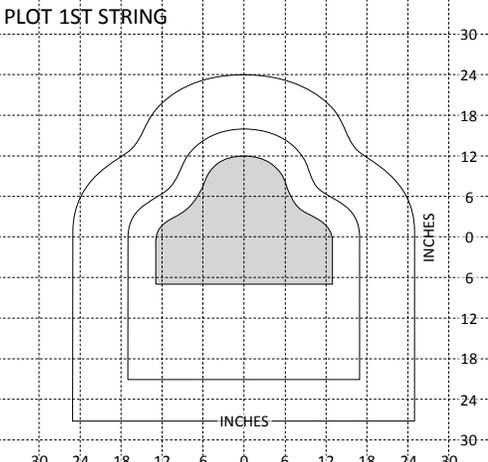
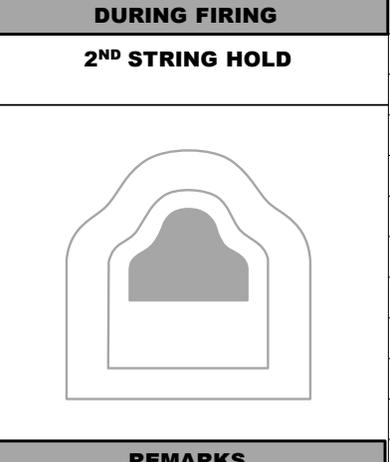
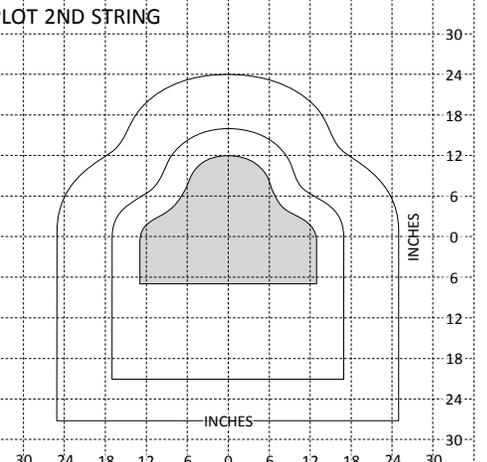
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

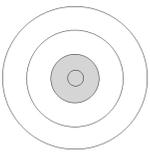
REMARKS

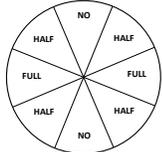
| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | DAY ONE | | | | | | | | | | | | | | | | | |
|--|---|--|-------|--|-------|---|---|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|--|--|--|
| ZERO | + | WIND | = | | | | HOLD | | | | | | | | | | | | | | | | | |
|  |  | HOLDS IN INCHES  | | | | |  | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | | | | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | |
|  | 2ND STRING HOLD  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | REMARKS | | | | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR |  | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | |  | | | | | | | | | | | | | | | | | |

| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | DAY ONE | | | | | | | | | | | | | | | | | |
|--|---|--|-------|--|-------|---|---|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|--|--|--|
| ZERO | + | WIND | = | | | | HOLD | | | | | | | | | | | | | | | | | |
|  |  | HOLDS IN INCHES  | | | | |  | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | | | | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | |
|  | 2ND STRING HOLD  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | REMARKS | | | | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR |  | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | |  | | | | | | | | | | | | | | | | | |

300 YARD SLOW-FIRE SITTING **BEFORE FIRING** **DAY ONE**

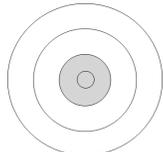
ZERO + WIND = **HOLD**





HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 5 | 11 | 16 | 22 | 27 |
| HALF | 2 | 5 | 8 | 11 | 13 |

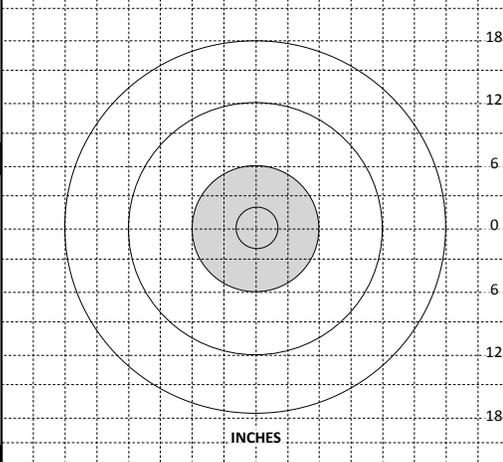


WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

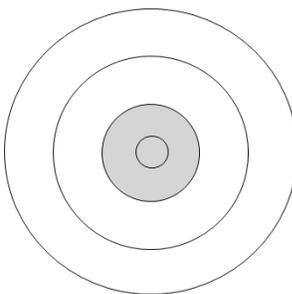
PLOT



INCHES

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



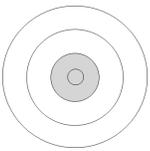
DURING FIRING

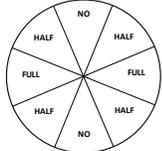
| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

300 YARD SLOW-FIRE SITTING **BEFORE FIRING** **DAY ONE**

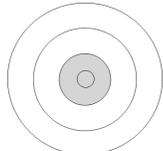
ZERO + WIND = **HOLD**





HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 5 | 11 | 16 | 22 | 27 |
| HALF | 2 | 5 | 8 | 11 | 13 |

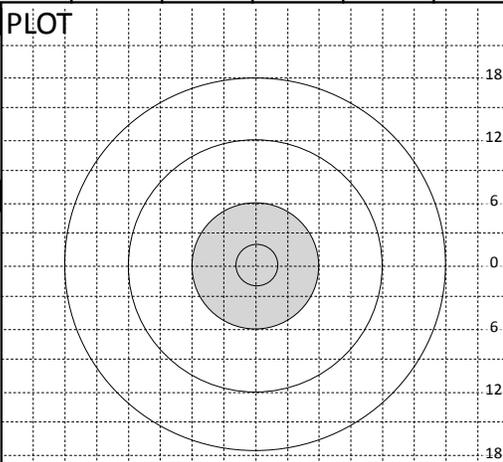


WEATHER DATA

LIGHT OVERCAST PARTLY CLOUDY CLEAR

PRECIP DRY LT RAIN MIST HVY RAIN

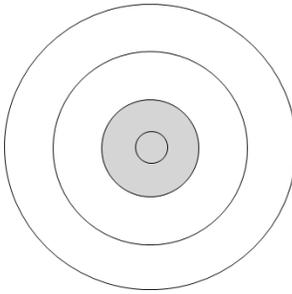
PLOT



INCHES

AFTER FIRING

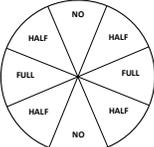
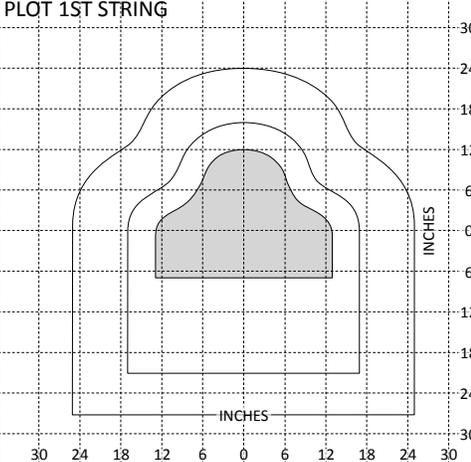
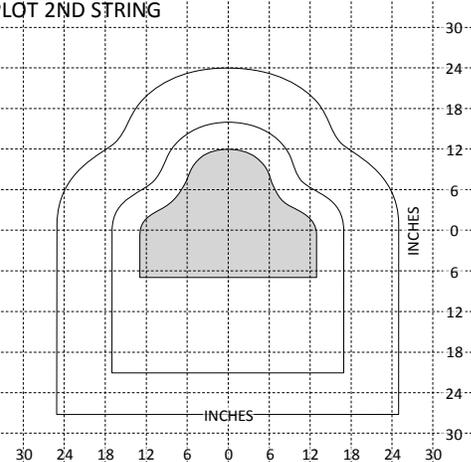
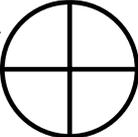
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

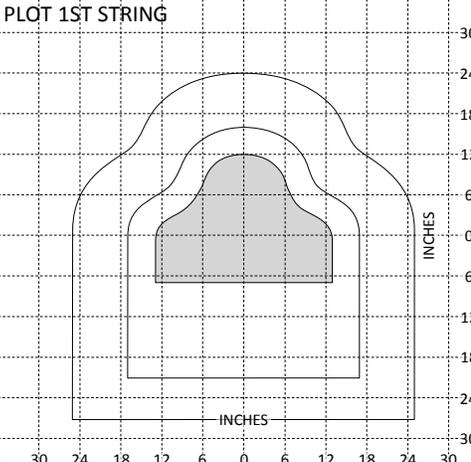
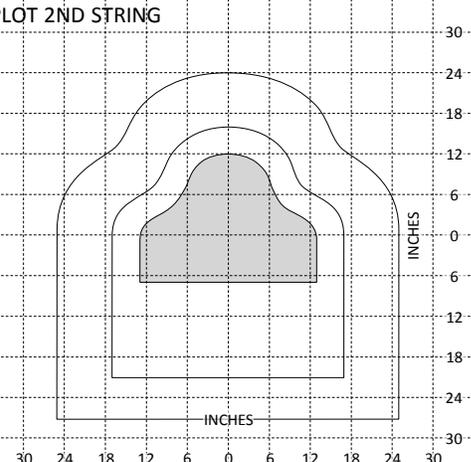


DURING FIRING

| | | | |
|------|---|---|----|
| | 1 | 2 | 3 |
| CALL | | | |
| HOLD | | | |
| | 4 | 5 | EX |
| CALL | | | |
| HOLD | | | |

REMARKS

| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY ONE | | |
|--|---|---|------|--|-------|--|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | |
|  |  | HOLDS IN INCHES  | | | | |  | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 5 | 11 | 16 | 22 | 27 | | |
| | | HALF | 2 | 5 | 8 | 11 | 13 | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | |
|  | | 2ND STRING SIGHT PICTURE | | | | |  | | |
| INCHES | | REMARKS | | | | | INCHES | | |
| 30 24 18 12 6 0 6 12 18 24 30 | | 30 24 18 12 6 0 6 12 18 24 30 | | | | | 30 24 18 12 6 0 6 12 18 24 30 | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |  | |

| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY ONE | | |
|--|---|---|------|--|-------|--|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | |
|  |  | HOLDS IN INCHES  | | | | |  | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 5 | 11 | 16 | 22 | 27 | | |
| | | HALF | 2 | 5 | 8 | 11 | 13 | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | |
|  | | 2ND STRING SIGHT PICTURE | | | | |  | | |
| INCHES | | REMARKS | | | | | INCHES | | |
| 30 24 18 12 6 0 6 12 18 24 30 | | 30 24 18 12 6 0 6 12 18 24 30 | | | | | 30 24 18 12 6 0 6 12 18 24 30 | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |  | |

500 YARD SLOW-FIRE PRONE **BEFORE FIRING** **DAY ONE**

ZERO WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 5 | 11 | 16 | 22 | 27 |
| HALF | 2 | 5 | 8 | 11 | 13 |

| | | | | | |
|------|----|----|----|----|----|
| CALL | 1 | 2 | 3 | 4 | 5 |
| HOLD | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 |
| HOLD | | | | | |
| CALL | 11 | 12 | 13 | 14 | 15 |
| HOLD | | | | | |

PLOT

REMARKS

WEATHER DATA

LIGHT TYPE AND DIRECTION

CLEAR OVERCAST

PARTLY CLOUDY

PRECIP

DRY LT RAIN

MIST HVY RAIN

AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

500 YARD SLOW-FIRE PRONE **BEFORE FIRING** **DAY ONE**

ZERO WIND = HOLD

HOLDS IN INCHES

| VALUE | 5mph | | 10mph | | 15mph | | 20mph | | 25mph | |
|-------|-------|----|-------|----|-------|----|-------|----|-------|-----|
| | M16A4 | M4 |
| FULL | 17 | 20 | 35 | 40 | 52 | 60 | 69 | 81 | 87 | 101 |
| HALF | 8 | 10 | 17 | 20 | 26 | 30 | 34 | 40 | 43 | 50 |

| | | | | | |
|------|----|----|----|----|----|
| CALL | 1 | 2 | 3 | 4 | 5 |
| HOLD | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 |
| HOLD | | | | | |
| CALL | 11 | 12 | 13 | 14 | 15 |
| HOLD | | | | | |

PLOT

REMARKS

WEATHER DATA

LIGHT TYPE AND DIRECTION

CLEAR OVERCAST

PARTLY CLOUDY

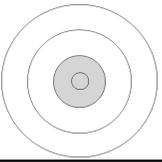
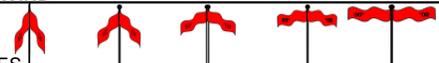
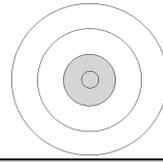
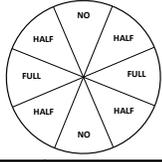
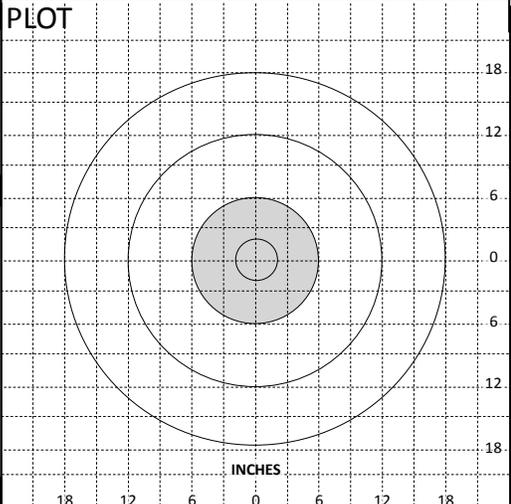
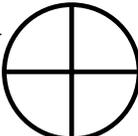
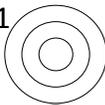
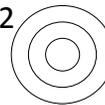
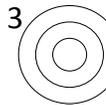
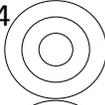
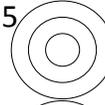
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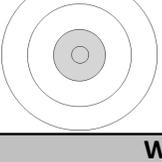
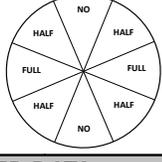
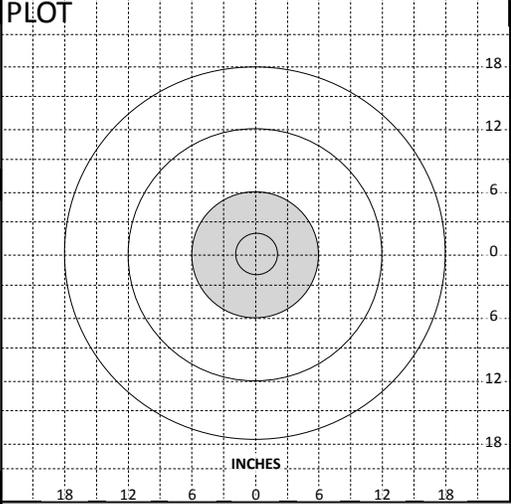
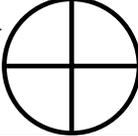
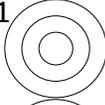
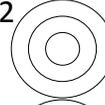
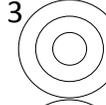
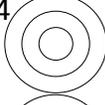
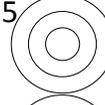
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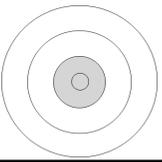
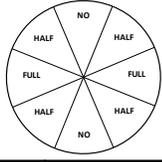
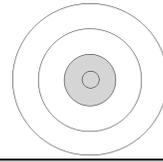
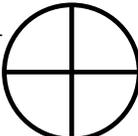
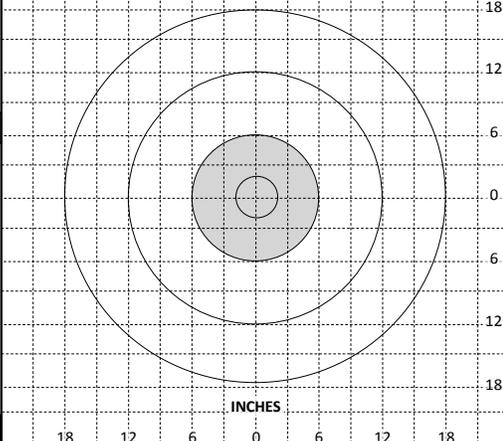
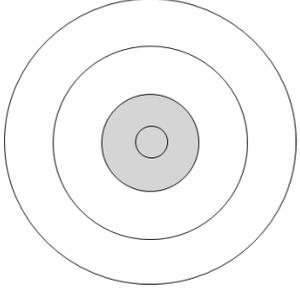
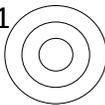
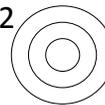
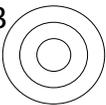
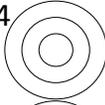
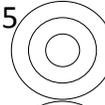
MIST HVY RAIN

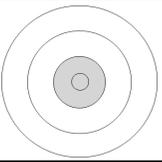
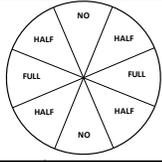
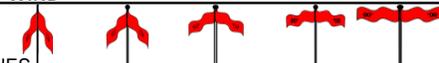
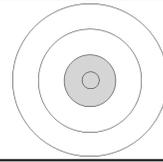
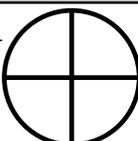
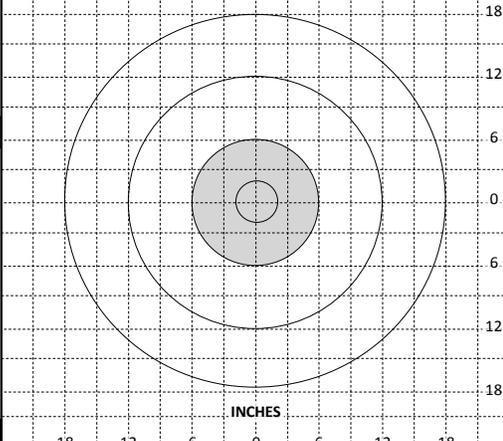
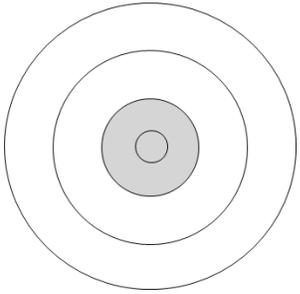
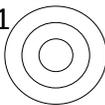
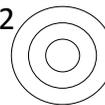
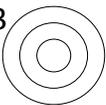
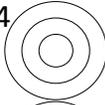
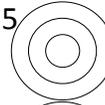
AFTER FIRING

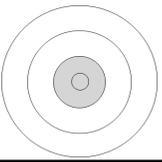
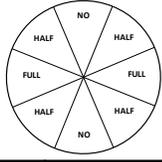
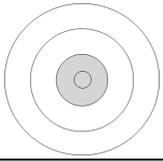
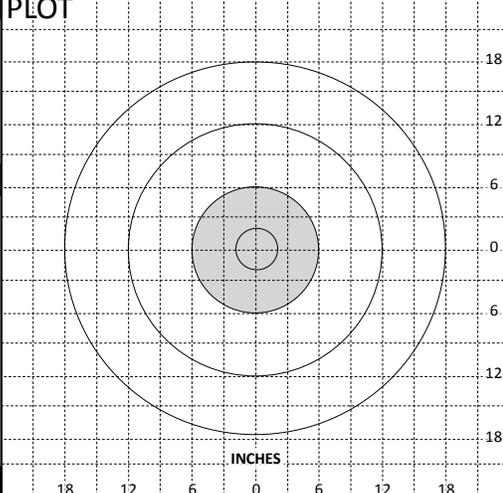
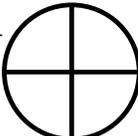
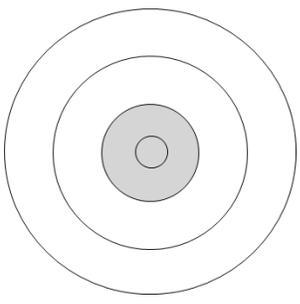
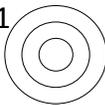
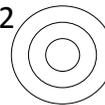
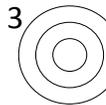
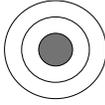
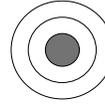
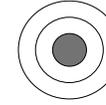
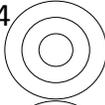
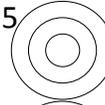
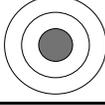
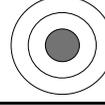
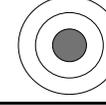
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

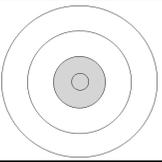
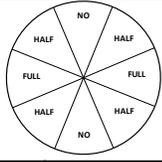
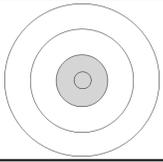
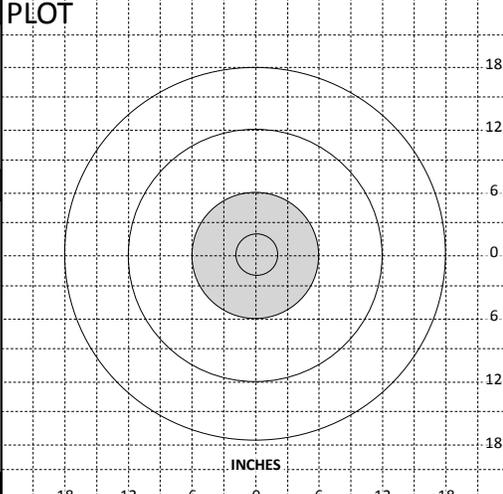
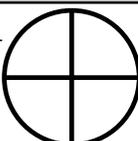
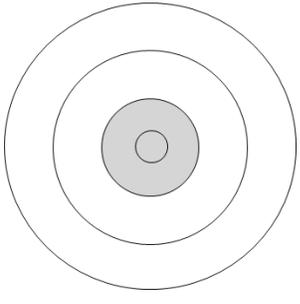
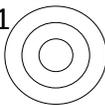
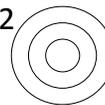
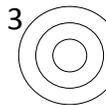
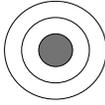
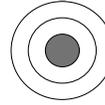
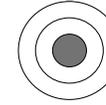
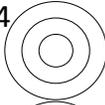
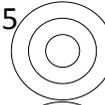
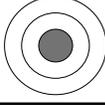
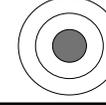
| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY TWO | |
|--|--|--|------|-------|-------|-------|--|--|
| ZERO | | + WIND = | | | | | HOLD | |
|  | |  | | | | |  | |
|  | | HOLDS IN INCHES | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
|  | | | | | | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | |
| DURING FIRING | | REMARKS | | | | | | |
| 1  2  3  CALL HOLD HOLD | | | | | | | | |
| 4  5  EX  CALL HOLD HOLD | | | | | | | | |

| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY TWO | |
|--|--|--|------|-------|-------|-------|--|--|
| ZERO | | + WIND = | | | | | HOLD | |
|  | |  | | | | |  | |
|  | | HOLDS IN INCHES | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
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|  | | | | | | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | |
| DURING FIRING | | REMARKS | | | | | | |
| 1  2  3  CALL HOLD HOLD | | | | | | | | |
| 4  5  EX  CALL HOLD HOLD | | | | | | | | |

| 200 YARD SLOW-FIRE KNEELING | | BEFORE FIRING | | | | | DAY TWO | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  | HOLDS IN INCHES  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  | | | | | | | | | | | | | | | | | | |
| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD 4  5  EX  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |

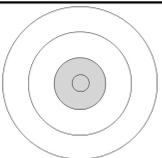
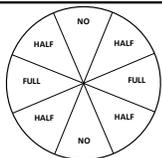
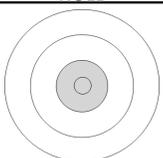
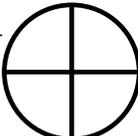
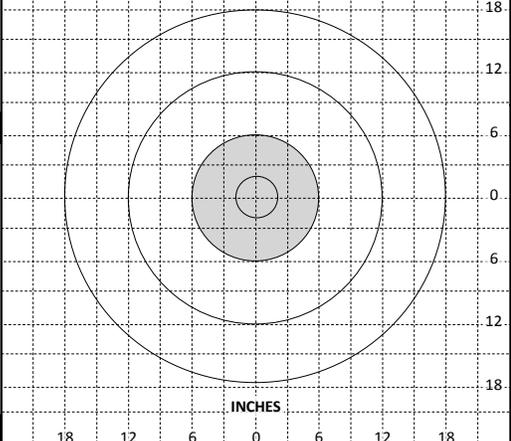
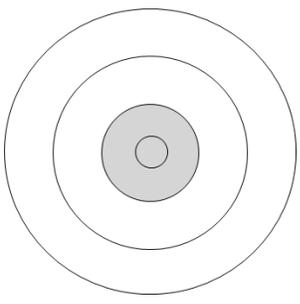
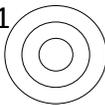
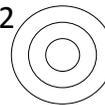
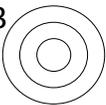
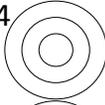
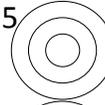
| 200 YARD SLOW-FIRE KNEELING | | BEFORE FIRING | | | | | DAY TWO | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  | HOLDS IN INCHES  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  | | | | | | | | | | | | | | | | | | |
| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD 4  5  EX  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |

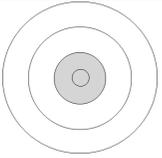
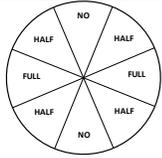
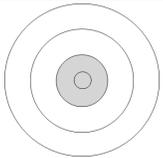
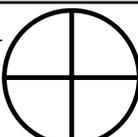
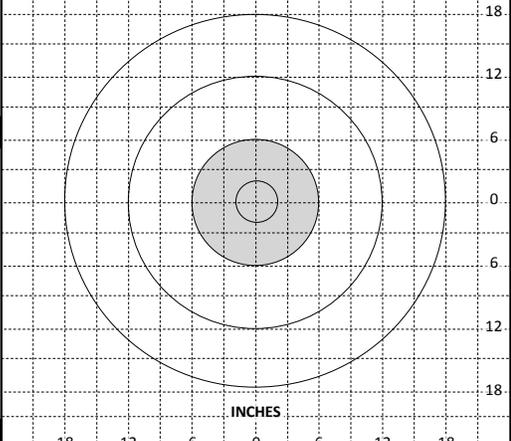
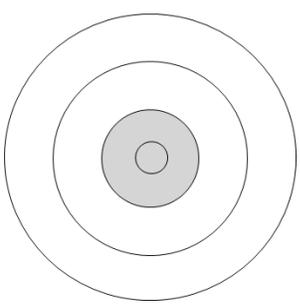
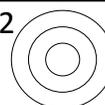
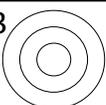
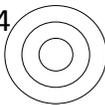
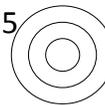
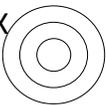
| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY TWO | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  |  HOLDS IN INCHES | | | | |  | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | |  INCHES | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | |
|  PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  | | | | | | | | | | | | | | | | | | |
| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2 3 CALL    HOLD    4 5 EX CALL    HOLD    | | | | | | | | | | | | | | | | | | | | | | | | | |

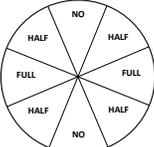
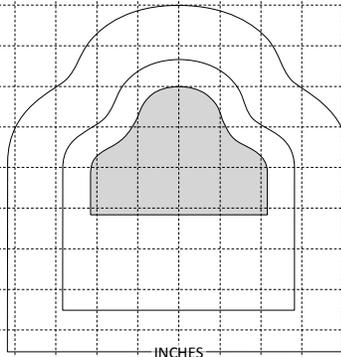
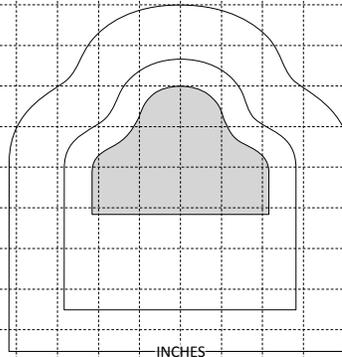
| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY TWO | | | | | | | | | | | | | | | | | | |
|---|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  |  HOLDS IN INCHES | | | | |  | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1 2 3 CALL    HOLD    4 5 EX CALL    HOLD    | | | | | | | | | | | | | | | | | | | | | | | | | |

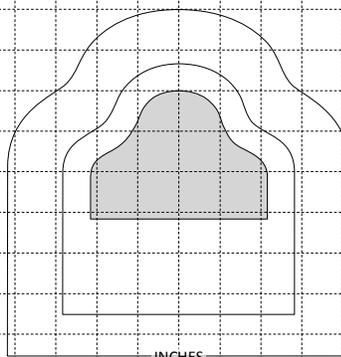
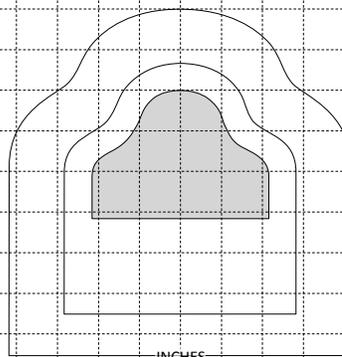
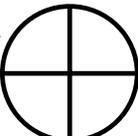
| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | DAY TWO | | |
|--|--|--|------|---|-------|-------|-----------------|--|--|
| ZERO | | + WIND = | | | | | HOLD | | |
| | | HOLDS IN INCHES | | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | | |
| | | 2ND STRING HOLD | | | | | | | |
| | | REMARKS | | | | | | | |
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| | | | | | | | 37 | | |

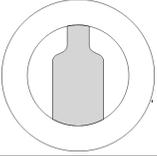
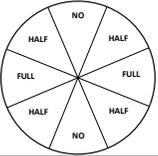
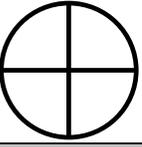
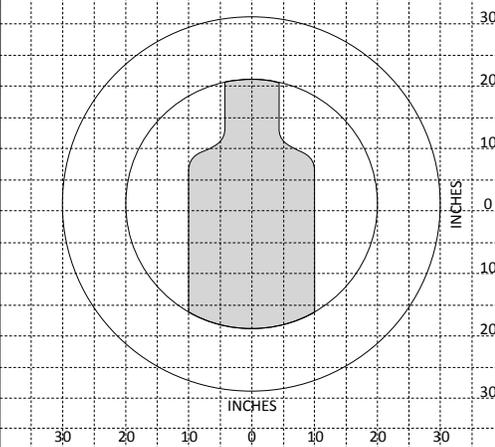
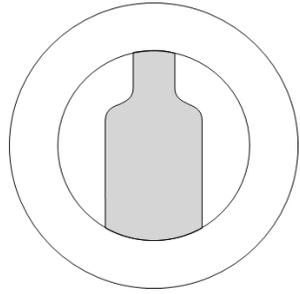
| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | DAY TWO | | |
|--|--|--|------|---|-------|-------|-----------------|--|--|
| ZERO | | + WIND = | | | | | HOLD | | |
| | | HOLDS IN INCHES | | | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | | |
| | | 2ND STRING HOLD | | | | | | | |
| | | REMARKS | | | | | | | |
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| | | | | | | | 37 | | |

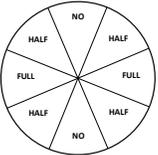
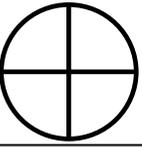
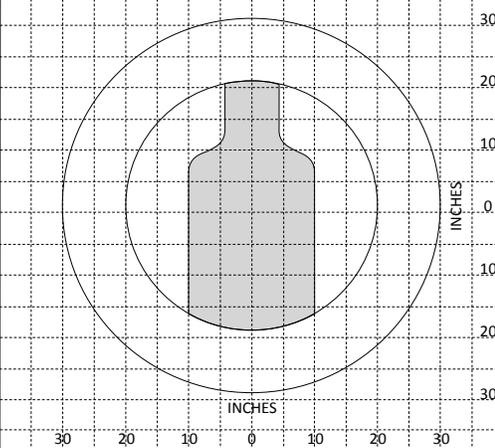
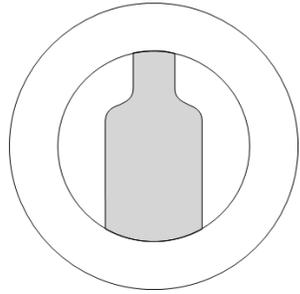
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|---|------|--|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|   | |  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>5</td> <td>11</td> <td>16</td> <td>22</td> <td>27</td> </tr> <tr> <td>HALF</td> <td>2</td> <td>5</td> <td>8</td> <td>11</td> <td>13</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 5 | 11 | 16 | 22 | 27 | HALF | 2 | 5 | 8 | 11 | 13 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 5 | 11 | 16 | 22 | 27 | | | | | | | | | | | | | | | | | | | | |
| HALF | 2 | 5 | 8 | 11 | 13 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | |  | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | |  | | | | | | | | | | | | | | | | | | |
| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD 4  5  EX  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |

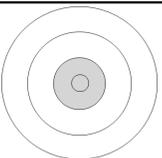
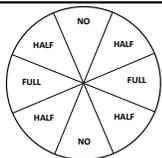
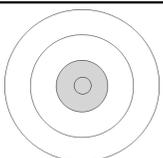
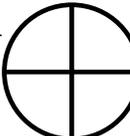
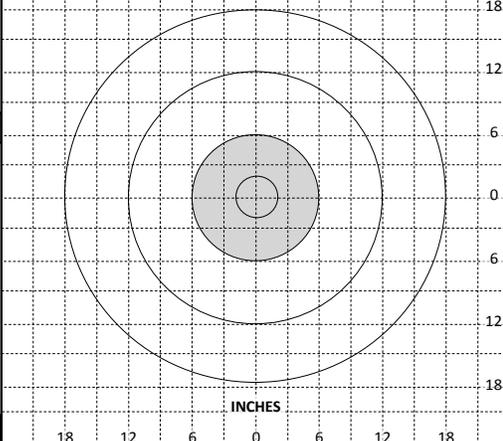
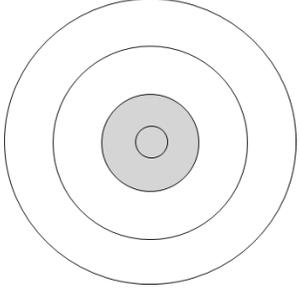
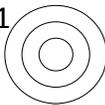
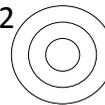
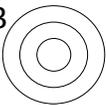
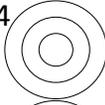
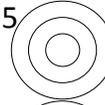
| 300 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY TWO | | | | | | | | | | | | | | | | | | |
|---|------|--|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|   | |  | | | | |  | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>5</td> <td>11</td> <td>16</td> <td>22</td> <td>27</td> </tr> <tr> <td>HALF</td> <td>2</td> <td>5</td> <td>8</td> <td>11</td> <td>13</td> </tr> </tbody> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 5 | 11 | 16 | 22 | 27 | HALF | 2 | 5 | 8 | 11 | 13 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 5 | 11 | 16 | 22 | 27 | | | | | | | | | | | | | | | | | | | | |
| HALF | 2 | 5 | 8 | 11 | 13 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD 4  5  EX  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |

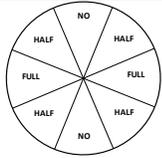
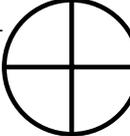
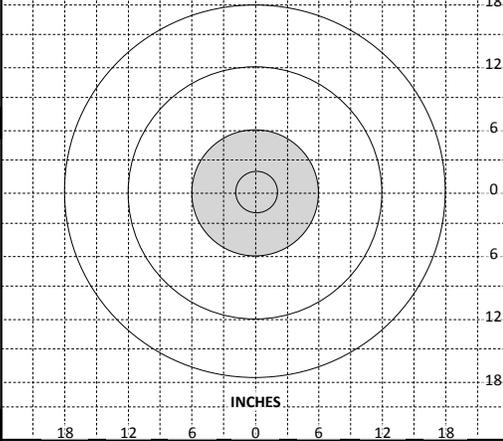
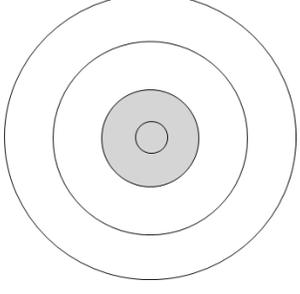
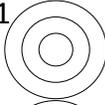
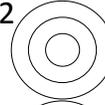
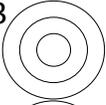
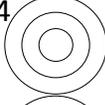
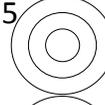
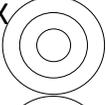
| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY TWO | | |
|--|---|--|------|-------|-------|---|---|--|---|
| ZERO | | + WIND = | | | | | HOLD | | |
|  |  | HOLDS IN INCHES  | | | | |  | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 5 | 11 | 16 | 22 | 27 | | |
| | | HALF | 2 | 5 | 8 | 11 | 13 | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | |
|  | 2 ND STRING HOLD | | | | |  | | | |
| INCHES | REMARKS | | | | | INCHES | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR |  | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT RAIN) | |  |

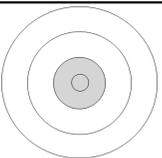
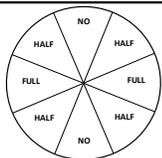
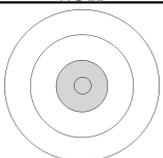
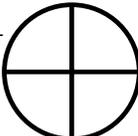
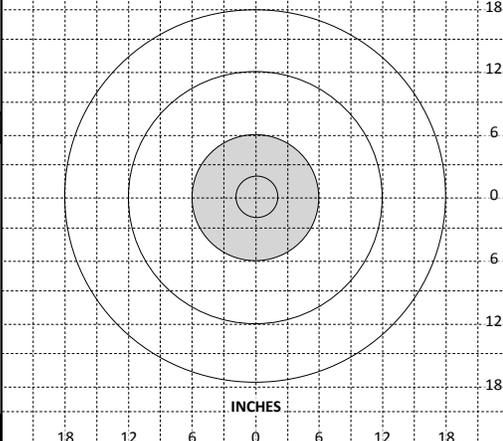
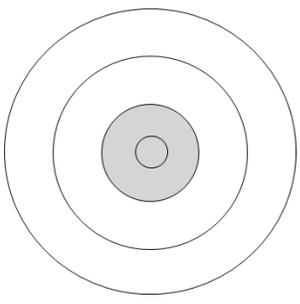
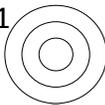
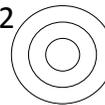
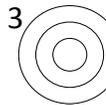
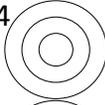
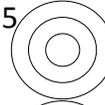
| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY TWO | | |
|--|---|--|------|-------|-------|---|---|--|---|
| ZERO | | + WIND = | | | | | HOLD | | |
|  |  | HOLDS IN INCHES  | | | | |  | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | |
| | | FULL | 5 | 11 | 16 | 22 | 27 | | |
| | | HALF | 2 | 5 | 8 | 11 | 13 | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | |
|  | 2 ND STRING HOLD | | | | |  | | | |
| INCHES | REMARKS | | | | | INCHES | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR |  | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |  |

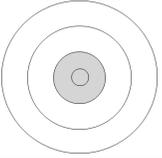
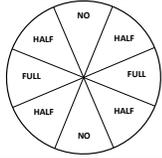
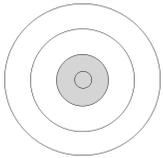
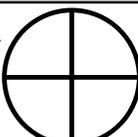
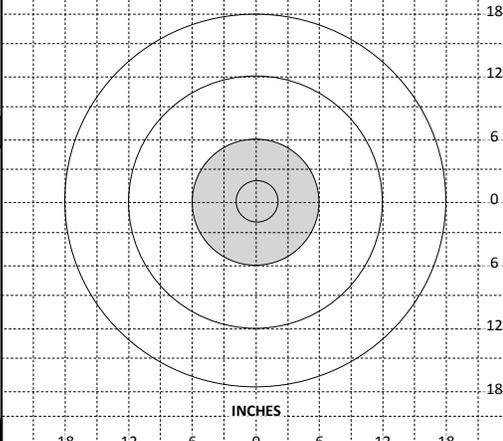
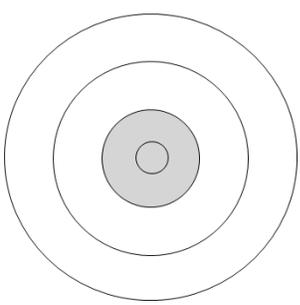
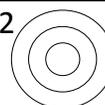
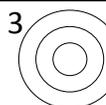
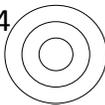
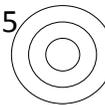
| 500 YARD SLOW-FIRE PRONE | | BEFORE FIRING | | | | | DAY TWO | |
|---|---|--|------|-------|-------|--|---|---|
| ZERO | | WIND | | | | | HOLD | |
|  |  |  HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 17 | 35 | 52 | 69 | 87 | |
| | | HALF | 8 | 17 | 26 | 34 | 43 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| CALL | 1 | 2 | 3 | 4 | 5 |  INCHES 30 20 10 0 10 20 30 INCHES 30 20 10 0 10 20 30 | | |
| HOLD | | | | | | | | |
| HOLD | | | | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| REMARKS | | | | | | | |  |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| 500 YARD SLOW-FIRE PRONE | | BEFORE FIRING | | | | | DAY TWO | |
|---|---|--|------|-------|-------|--|---|---|
| ZERO | | WIND | | | | | HOLD | |
|  |  |  HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 17 | 35 | 52 | 69 | 87 | |
| | | HALF | 8 | 17 | 26 | 34 | 43 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| CALL | 1 | 2 | 3 | 4 | 5 |  INCHES 30 20 10 0 10 20 30 INCHES 30 20 10 0 10 20 30 | | |
| HOLD | | | | | | | | |
| HOLD | | | | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| REMARKS | | | | | | | |  |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  |  HOLDS IN INCHES | | | | |  | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="width:100%; border-collapse: collapse; text-align: center;"> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> <tr> <td>FULL</td> <td>2</td> <td>5</td> <td>7</td> <td>9</td> <td>11</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> </table> | | | | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 2 | 5 | 7 | 9 | 11 | HALF | 1 | 2 | 3 | 4 | 5 | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | |  INCHES | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)  | | | | | | | | | | | | | | | | | | |
| PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | | | REMARKS | | | | | | | | | | | | | | | | | | |
| DURING FIRING | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |
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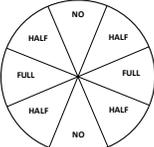
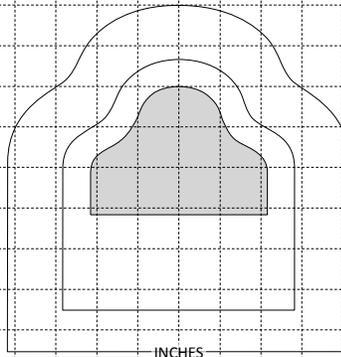
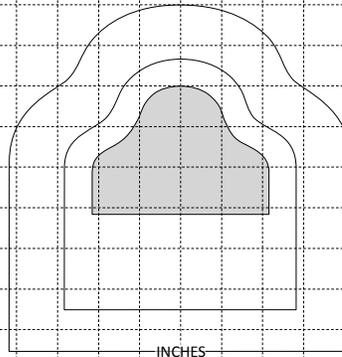
| 200 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  |  HOLDS IN INCHES | | | | |  | | | | | | | | | | | | | | | | | | |
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| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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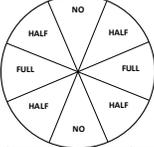
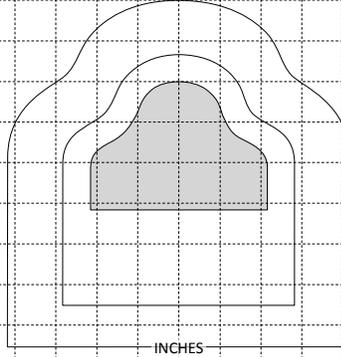
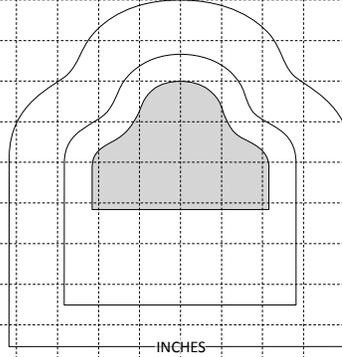
| 200 YARD SLOW-FIRE KNEELING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
|  |  | HOLDS IN INCHES  | | | | |  | | | | | | | | | | | | | | | | | | |
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| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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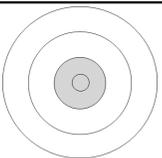
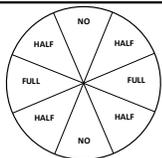
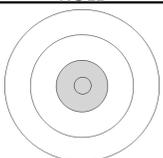
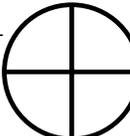
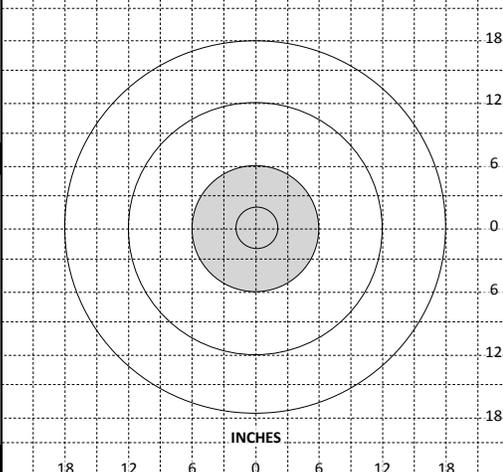
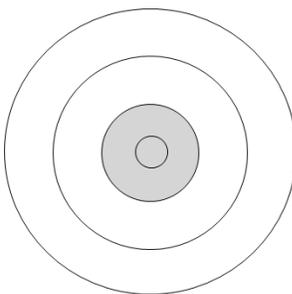
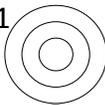
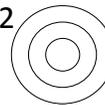
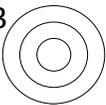
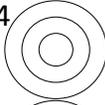
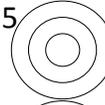
| 200 YARD SLOW-FIRE KNEELING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|---|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|---|---|---|----|------|---|---|---|---|---|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
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| FULL | 2 | 5 | 7 | 9 | 11 | | | | | | | | | | | | | | | | | | | | |
| HALF | 1 | 2 | 3 | 4 | 5 | | | | | | | | | | | | | | | | | | | | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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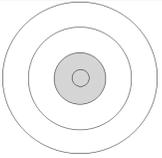
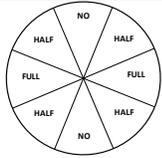
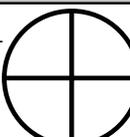
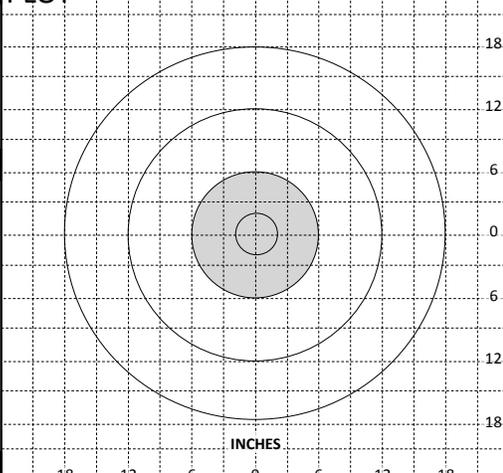
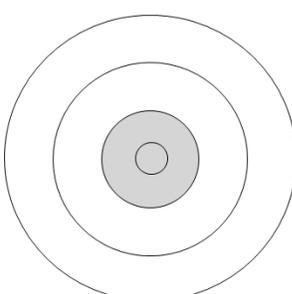
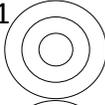
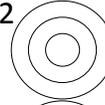
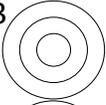
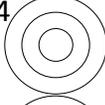
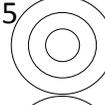
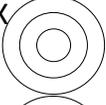
| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY THREE |
|--|--|-----------------|------|-------|-------|-------|--|
| ZERO | | + WIND = | | | | | HOLD |
| | | | | | | | |
| | | HOLDS IN INCHES | | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
| | | FULL | 2 | 5 | 7 | 9 | 11 |
| | | HALF | 1 | 2 | 3 | 4 | 5 |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING |
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| DURING FIRING | | REMARKS | | | | | |
| 1 2 3 CALL HOLD HOLD 4 5 EX CALL HOLD HOLD | | | | | | | |

| 200 YARD SLOW-FIRE STANDING | | BEFORE FIRING | | | | | DAY THREE |
|--|--|-----------------|------|-------|-------|-------|--|
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| | | | | | | | |
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| DURING FIRING | | REMARKS | | | | | |
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| 200 YARD RAPID-FIRE SITTING | | BEFORE FIRING | | | | | DAY THREE | | | | |
|--|---|--|------|---|-------|-------|---|---|---|--|--|
| ZERO | | + | WIND | | | | | = | HOLD | | |
|  |  | HOLDS IN INCHES | | | | |  | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | | | | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | | | | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | | | | |
|  | | 2ND STRING HOLD | | | | |  | | | | |
| | | REMARKS | | | | | | | | | |
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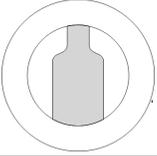
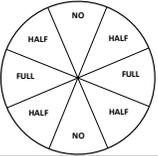
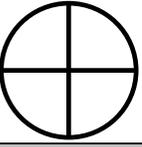
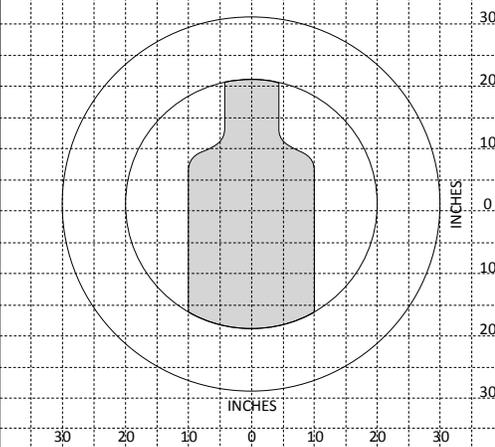
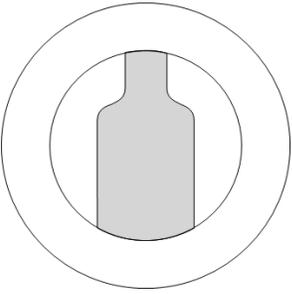
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|--|---|--|------|---|-------|-------|---|---|---|--|--|
| ZERO | | + | WIND | | | | | = | HOLD | | |
|  |  | HOLDS IN INCHES | | | | |  | | | | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | |
| | | FULL | 2 | 5 | 7 | 9 | 11 | | | | |
| | | HALF | 1 | 2 | 3 | 4 | 5 | | | | |
| PLOT 1ST STRING | | DURING FIRING | | | | | PLOT 2ND STRING | | | | |
|  | | 2ND STRING HOLD | | | | |  | | | | |
| | | REMARKS | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | |  | | |

| 300 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|--|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
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| FULL | 5 | 11 | 16 | 22 | 27 | | | | | | | | | | | | | | | | | | | | |
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| WEATHER DATA | | PLOT | | | | | AFTER FIRING | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| 300 YARD SLOW-FIRE SITTING | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|---|--|-------|-------|-------|--|---|------|-------|-------|-------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|
| ZERO | | + WIND = | | | | | HOLD | | | | | | | | | | | | | | | | | | |
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| HALF | 2 | 5 | 8 | 11 | 13 | | | | | | | | | | | | | | | | | | | | |
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| DURING FIRING | | REMARKS | | | | | | | | | | | | | | | | | | | | | | | |
| 1  2  3  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4  5  EX  CALL HOLD HOLD | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|-----------------|---|---|-------|-------|-------------------------------|-----------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|--|--|--|--|
| ZERO | + | WIND | = | | | HOLD | | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>5</td> <td>11</td> <td>16</td> <td>22</td> <td>27</td> </tr> <tr> <td>HALF</td> <td>2</td> <td>5</td> <td>8</td> <td>11</td> <td>13</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 5 | 11 | 16 | 22 | 27 | HALF | 2 | 5 | 8 | 11 | 13 | | | | | |
| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | | | | | | | | | | | | | | | | | | | | |
| FULL | 5 | 11 | 16 | 22 | 27 | | | | | | | | | | | | | | | | | | | | |
| HALF | 2 | 5 | 8 | 11 | 13 | | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | | |
| | 2ND STRING HOLD | | | | | | | | | | | | | | | | | | | | | | | | |
| INCHES | REMARKS | | | | | INCHES | | | | | | | | | | | | | | | | | | | |
| 30 24 18 12 6 0 6 12 18 24 30 | | | | | | 30 24 18 12 6 0 6 12 18 24 30 | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | | | | | |

| 300 YARD RAPID-FIRE PRONE | | BEFORE FIRING | | | | | DAY THREE | | | | | | | | | | | | | | | | | | |
|--|-----------------|---|---|-------|-------|-------------------------------|-----------|-------|------|---|----|----|----|----|------|---|---|---|----|----|--|--|--|--|--|
| ZERO | + | WIND | = | | | HOLD | | | | | | | | | | | | | | | | | | | |
| | | HOLDS IN INCHES | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1" style="font-size: small;"> <thead> <tr> <th>VALUE</th> <th>5mph</th> <th>10mph</th> <th>15mph</th> <th>20mph</th> <th>25mph</th> </tr> </thead> <tbody> <tr> <td>FULL</td> <td>5</td> <td>11</td> <td>16</td> <td>22</td> <td>27</td> </tr> <tr> <td>HALF</td> <td>2</td> <td>5</td> <td>8</td> <td>11</td> <td>13</td> </tr> </tbody> </table> | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | FULL | 5 | 11 | 16 | 22 | 27 | HALF | 2 | 5 | 8 | 11 | 13 | | | | | |
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| FULL | 5 | 11 | 16 | 22 | 27 | | | | | | | | | | | | | | | | | | | | |
| HALF | 2 | 5 | 8 | 11 | 13 | | | | | | | | | | | | | | | | | | | | |
| PLOT 1ST STRING | DURING FIRING | | | | | PLOT 2ND STRING | | | | | | | | | | | | | | | | | | | |
| | 2ND STRING HOLD | | | | | | | | | | | | | | | | | | | | | | | | |
| INCHES | REMARKS | | | | | INCHES | | | | | | | | | | | | | | | | | | | |
| 30 24 18 12 6 0 6 12 18 24 30 | | | | | | 30 24 18 12 6 0 6 12 18 24 30 | | | | | | | | | | | | | | | | | | | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | | | | | | | | | | | | | | | | | | | | | | |

| 500 YARD SLOW-FIRE PRONE | | BEFORE FIRING | | | | | DAY THREE | |
|---|---|--|------|-------|-------|--|---|---|
| ZERO | | WIND | | | | | HOLD | |
|  |  |  HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 17 | 35 | 52 | 69 | 87 | |
| | | HALF | 8 | 17 | 26 | 34 | 43 | |
| WEATHER DATA | | PLOT | | | | | AFTER FIRING | |
| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| CALL | 1 | 2 | 3 | 4 | 5 |  INCHES 30 20 10 0 10 20 30 INCHES 30 20 10 0 10 20 30 | | |
| HOLD | | | | | | | | |
| HOLD | | | | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| REMARKS | | | | | | | |  |
| | | | | | | | | |
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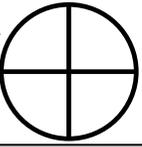
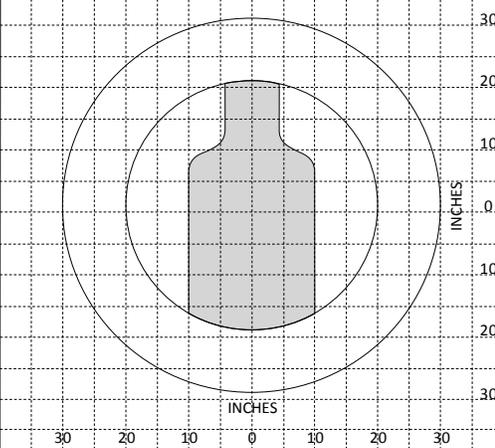
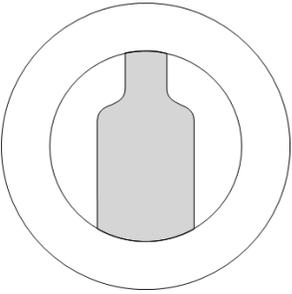
| 500 YARD SLOW-FIRE PRONE | | BEFORE FIRING | | | | | DAY THREE | |
|---|---|--|------|-------|-------|--|---|---|
| ZERO | | WIND | | | | | HOLD | |
|  |  |  HOLDS IN INCHES | | | | |  | |
| | | VALUE | 5mph | 10mph | 15mph | 20mph | 25mph | |
| | | FULL | 17 | 35 | 52 | 69 | 87 | |
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| LIGHT <input type="checkbox"/> OVERCAST <input type="checkbox"/> PARTLY CLOUDY <input type="checkbox"/> CLEAR  | | PRECIP <input type="checkbox"/> DRY <input type="checkbox"/> LT RAIN <input type="checkbox"/> MIST <input type="checkbox"/> HVY RAIN | | | | | SIGHT PICTURE ADJUSTMENT (WITHOUT WIND) | |
| CALL | 1 | 2 | 3 | 4 | 5 |  INCHES 30 20 10 0 10 20 30 INCHES 30 20 10 0 10 20 30 | | |
| HOLD | | | | | | | | |
| HOLD | | | | | | | | |
| CALL | 6 | 7 | 8 | 9 | 10 | | | |
| CALL | | | | | | | | |
| HOLD | | | | | | | | |
| REMARKS | | | | | | | |  |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

TABLE 2

SHOT DELIVERY

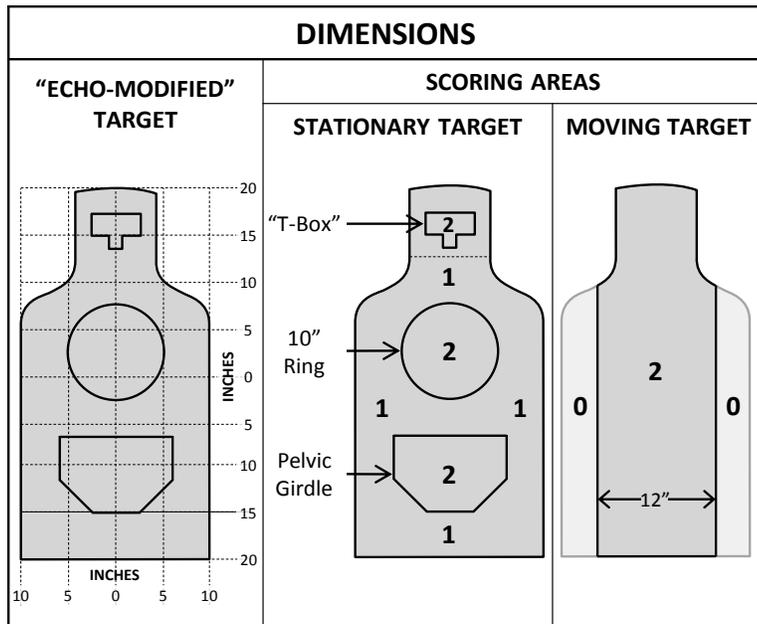
| | |
|------------------------|--|
| CONTROLLED PAIR | Two shots in quick succession to the torso with a separate sight picture for each shot. A Controlled Pair is an immediate target engagement technique for targets greater than 15 yards. |
| FAILURE TO STOP | This is a controlled pair to the torso followed by an additional shot to an alternate aiming point ("T-Box" or Pelvic Girdle). |
| "BOX DRILL" | <p>A method of engaging multiple targets:</p> <ol style="list-style-type: none"> 1) Start with the greatest threat and fire a pair to the torso. Utilize the recoil of the last shot and present your weapon to the next target and fire another pair. 2) Assess the same target. Then, if required, engage an alternate aim point. 3) Utilize the recoil of the last shot and present your weapon to an alternate aim point on the first target. Aim and fire a single shot. Follow through back to the same alternate aim point and then assess both targets. <p>This is referred to as a box drill due to its square method of shot placement.</p> |

TABLE 2

SHOT DELIVERY

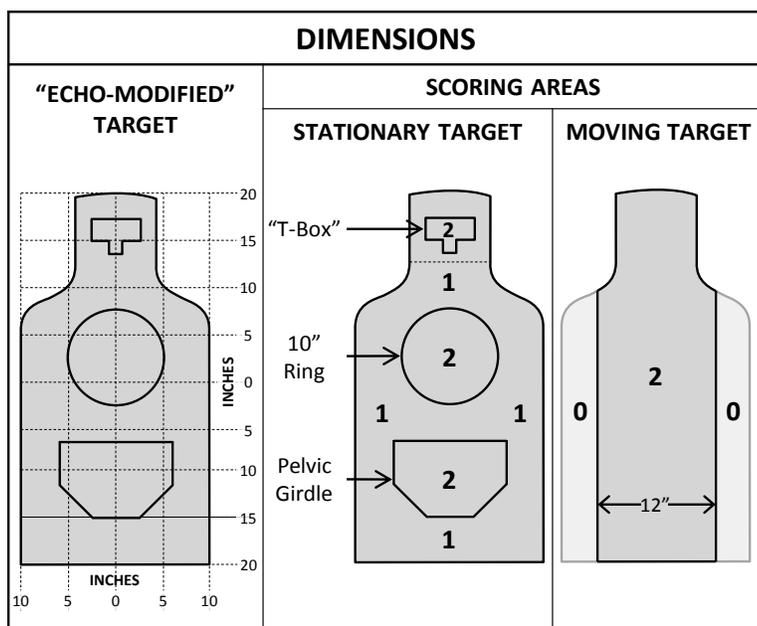
| | |
|------------------------|--|
| CONTROLLED PAIR | Two shots in quick succession to the torso with a separate sight picture for each shot. A Controlled Pair is an immediate target engagement technique for targets greater than 15 yards. |
| FAILURE TO STOP | This is a controlled pair to the torso followed by an additional shot to an alternate aiming point ("T-Box" or Pelvic Girdle). |
| "BOX DRILL" | <p>A method of engaging multiple targets:</p> <ol style="list-style-type: none"> 1) Start with the greatest threat and fire a pair to the torso. Utilize the recoil of the last shot and present your weapon to the next target and fire another pair. 2) Assess the same target. Then, if required, engage an alternate aim point. 3) Utilize the recoil of the last shot and present your weapon to an alternate aim point on the first target. Aim and fire a single shot. Follow through back to the same alternate aim point and then assess both targets. <p>This is referred to as a box drill due to its square method of shot placement.</p> |

TABLE 2 TARGETS



| SCORING AREAS | |
|----------------------|---|
| "T-Box" | A shot placed in the "T-Box" of a human will destroy the brain and cause immediate incapacitation and loss of life. |
| 10" Ring | A shot through the heart or the connecting vascular structure will likely cause the target to bleed to death within 10-30 seconds. |
| Pelvic Girdle | Destruction of the pelvic bone will likely cause the target to become immobile, which will allow you more space and time for follow on shots. |

TABLE 2 TARGETS



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MOVING TARGET LEADS

| | SLOW WALKING TARGET (APPROX. 2 MPH) | FAST WALKING TARGET (APPROX. 4 MPH) | JOGGING TARGET (APPROX. 6 MPH) | RUNNING TARGET (APPROX. 10 MPH) |
|-------|--|--|-----------------------------------|------------------------------------|
| 50 M | NO LEAD | NO LEAD | LEADING EDGE | 1 BODY WIDTH |
| 100 M | NO LEAD | LEADING EDGE | 1 BODY WIDTH | 1½ BODY WIDTHS |
| 200 M | LEADING EDGE | 1 BODY WIDTH | 2 BODY WIDTHS | 3 BODY WIDTHS |

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| 200 M | LEADING EDGE | 1 BODY WIDTH | 2 BODY WIDTHS | 3 BODY WIDTHS |

TABLE 2 COURSE OF FIRE TRAINING (DAY 1)

| STAGE | DRILL | RANGE | POSITION | RNDS / DRILL | TIME (SEC) | ITERATIONS | TOTAL RNDS |
|---|---|---------|----------------------|--------------|------------|------------|------------|
| BZO | | 300 | PRONE | 10 | N/A | 1 | 10 |
| POSITION REFINEMENT | | 25/50 | Standing | 24 | N/A | 1 | 24 |
| 2) PRESENTATION | Head shot | 25/50 | Standing | 1 | 3 | 2 | 2 |
| | Controlled Pair | 25/50 | Standing | 2 | 4 | 2 | 4 |
| | Failure (alternate aiming point) | 25/50 | Standing | 3 | 5 | 2 | 6 |
| 3) POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 2 | 5 | 2 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 7 | 2 | 8 |
| | Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 3 | 8 | 2 | 6 |
| 4) MULTIPLE TARGETS WITH POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 4 | 6 | 1 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 9 | 2 | 8 |
| | (2) Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 6 | 10 | 2 | 12 |
| 5) SPEED RELOADS | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 10 | 5 | 20 |
| 6) MOVING TARGET ENGAGEMENT | Movers Right | 100/200 | Standing to Kneeling | 2 | 10 | 3 | 6 |
| | Movers Left | 100/200 | Standing to Kneeling | 2 | 10 | 3 | 6 |

65

TABLE 2 COURSE OF FIRE TRAINING (DAY 1)

| STAGE | DRILL | RANGE | POSITION | RNDS / DRILL | TIME (SEC) | ITERATIONS | TOTAL RNDS |
|---|---|---------|----------------------|--------------|------------|------------|------------|
| BZO | | 300 | PRONE | 10 | N/A | 1 | 10 |
| POSITION REFINEMENT | | 25/50 | Standing | 24 | N/A | 1 | 24 |
| 2) PRESENTATION | Head shot | 25/50 | Standing | 1 | 3 | 2 | 2 |
| | Controlled Pair | 25/50 | Standing | 2 | 4 | 2 | 4 |
| | Failure (alternate aiming point) | 25/50 | Standing | 3 | 5 | 2 | 6 |
| 3) POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 2 | 5 | 2 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 7 | 2 | 8 |
| | Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 3 | 8 | 2 | 6 |
| 4) MULTIPLE TARGETS WITH POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 4 | 6 | 1 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 9 | 2 | 8 |
| | (2) Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 6 | 10 | 2 | 12 |
| 5) SPEED RELOADS | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 10 | 5 | 20 |
| 6) MOVING TARGET ENGAGEMENT | Movers Right | 100/200 | Standing to Kneeling | 2 | 10 | 3 | 6 |
| | Movers Left | 100/200 | Standing to Kneeling | 2 | 10 | 3 | 6 |

65

TABLE 2 COURSE OF FIRE PRE-EVALUATION & EVALUATION (DAY 2)

| STAGE | DRILL | RANGE | POSITION | RNDS / DRILL | TIME (SEC) | ITERATIONS | TOTAL RNDS |
|---|---|---------|----------------------|--------------|------------|------------|------------|
| 1) PRESENTATION | Head shot | 25/50 | Standing | 1 | 3 | 2 | 2 |
| | Controlled Pair | 25/50 | Standing | 2 | 4 | 1 | 2 |
| | Failure (alternate aiming point) | 25/50 | Standing | 3 | 5 | 1 | 3 |
| 2) POSITION CHANGE | Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 7 | 1 | 4 |
| | Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 3 | 8 | 1 | 3 |
| 3) MULTIPLE TARGETS WITH POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 4 | 6 | 1 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 9 | 2 | 8 |
| | (2) Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 6 | 10 | 2 | 12 |
| 4) SPEED RELOADS | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 10 | 1 | 4 |
| 5) MOVING TARGET ENGAGEMENT | Movers Right | 100/200 | Standing to Kneeling | 2 | 10 | 2 | 4 |
| | Movers Left | 100/200 | Standing to Kneeling | 2 | 10 | 2 | 4 |

TABLE 2 COURSE OF FIRE PRE-EVALUATION & EVALUATION (DAY 2)

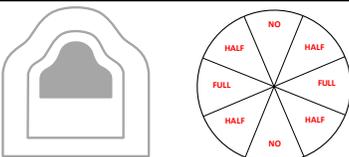
| STAGE | DRILL | RANGE | POSITION | RNDS / DRILL | TIME (SEC) | ITERATIONS | TOTAL RNDS |
|---|---|---------|----------------------|--------------|------------|------------|------------|
| 1) PRESENTATION | Head shot | 25/50 | Standing | 1 | 3 | 2 | 2 |
| | Controlled Pair | 25/50 | Standing | 2 | 4 | 1 | 2 |
| | Failure (alternate aiming point) | 25/50 | Standing | 3 | 5 | 1 | 3 |
| 2) POSITION CHANGE | Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 7 | 1 | 4 |
| | Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 3 | 8 | 1 | 3 |
| 3) MULTIPLE TARGETS WITH POSITION CHANGE | (2) Controlled Pairs | 25/50 | Standing to Kneeling | 4 | 6 | 1 | 4 |
| | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 9 | 2 | 8 |
| | (2) Failure (alternate aiming point) | 25/50 | Standing to Kneeling | 6 | 10 | 2 | 12 |
| 4) SPEED RELOADS | (2) Controlled Pairs | 25/50 | Standing & Kneeling | 4 | 10 | 1 | 4 |
| 5) MOVING TARGET ENGAGEMENT | Movers Right | 100/200 | Standing to Kneeling | 2 | 10 | 2 | 4 |
| | Movers Left | 100/200 | Standing to Kneeling | 2 | 10 | 2 | 4 |

300 YARD ZERO PRONE

BEFORE FIRING

TABLE 2

ZERO **+** **WIND** **=** **HOLD**

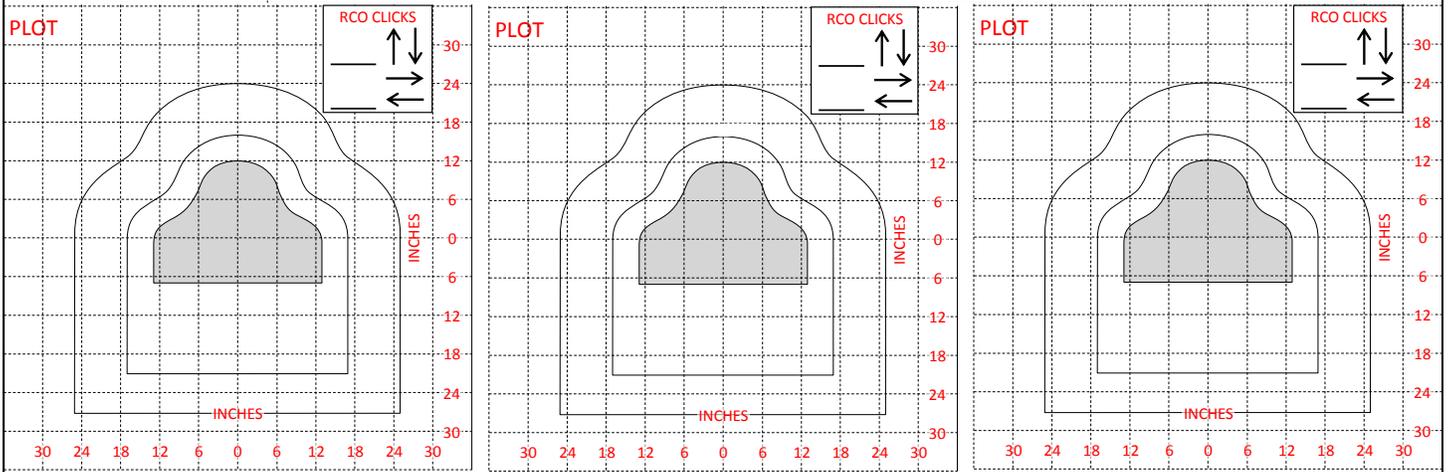


HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 5 | 11 | 16 | 22 | 27 |
| HALF | 2 | 5 | 8 | 11 | 13 |




PLOT **PLOT** **PLOT**

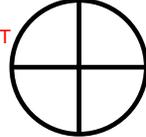


LIGHT

OVERCAST DRY LT RAIN

PARTLY CLOUDY MIST HVY RAIN

CLEAR



SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

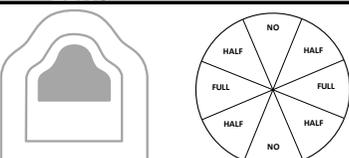


300 YARD ZERO PRONE

BEFORE FIRING

TABLE 2

ZERO **+** **WIND** **=** **HOLD**

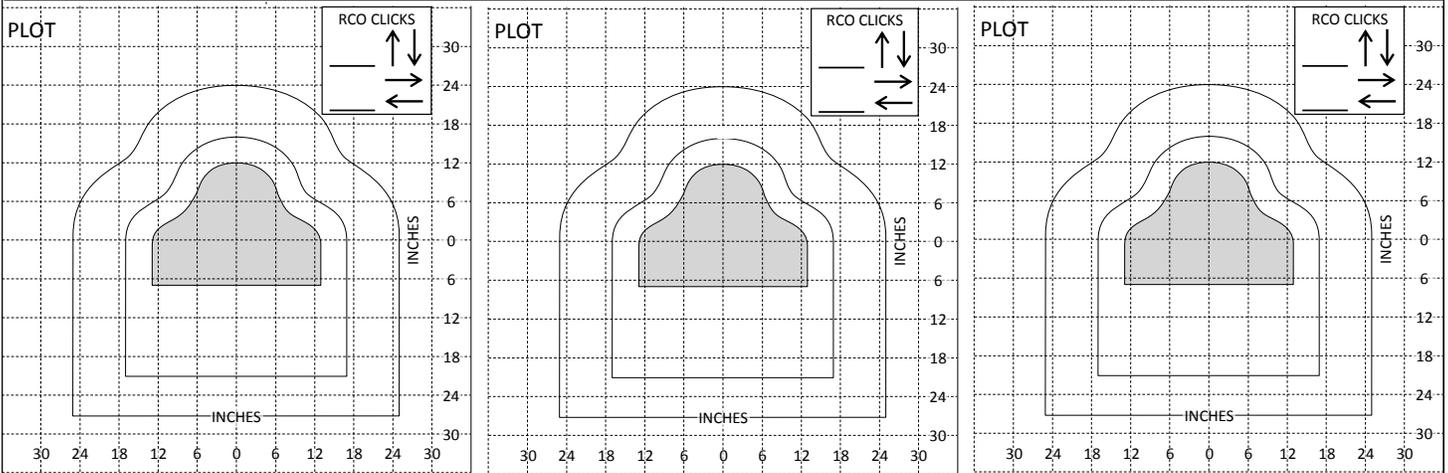


HOLDS IN INCHES

| VALUE | 5mph | 10mph | 15mph | 20mph | 25mph |
|-------|------|-------|-------|-------|-------|
| FULL | 5 | 11 | 16 | 22 | 27 |
| HALF | 2 | 5 | 8 | 11 | 13 |




PLOT **PLOT** **PLOT**



LIGHT

OVERCAST DRY LT RAIN

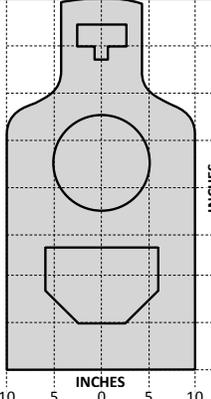
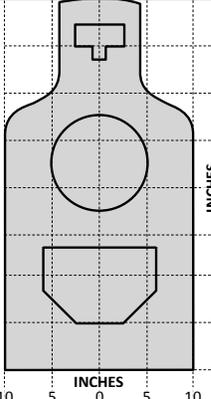
PARTLY CLOUDY MIST HVY RAIN

CLEAR



SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



| TABLE 2 - STATIONARY | | | | |
|--|-----------------|--------------------------------------|--|--------------|
| BEFORE FIRING HOLD | | AFTER FIRING CORRECTED HOLD | | |
|  | | <u>Remarks</u> | | |
|  | | <u>Remarks</u> | | |
| PRESENTATION | POSITION CHANGE | MULTIPLE TARGET WITH POSITION CHANGE | | SPEED RELOAD |
| | | | | |

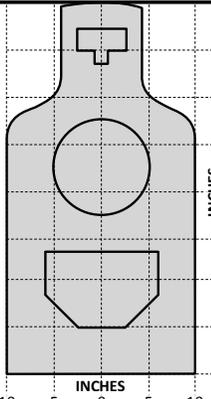
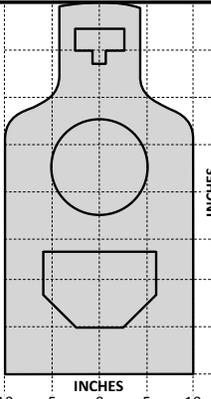
| TABLE 2 - STATIONARY | | | | |
|--|-----------------|--------------------------------------|--|--------------|
| BEFORE FIRING HOLD | | AFTER FIRING CORRECTED HOLD | | |
|  | | <u>Remarks</u> | | |
|  | | <u>Remarks</u> | | |
| PRESENTATION | POSITION CHANGE | MULTIPLE TARGET WITH POSITION CHANGE | | SPEED RELOAD |
| | | | | |

TABLE 2 - MOVING

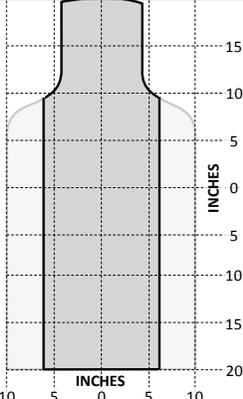
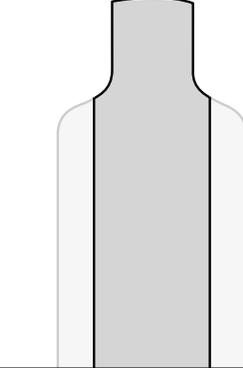
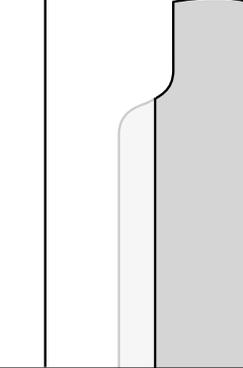
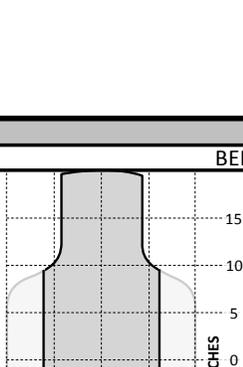
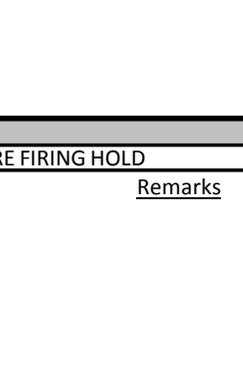
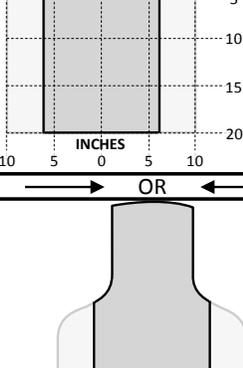
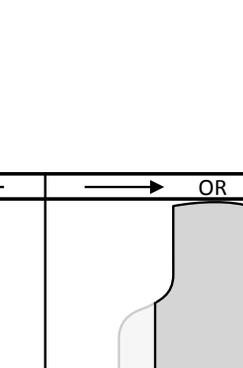
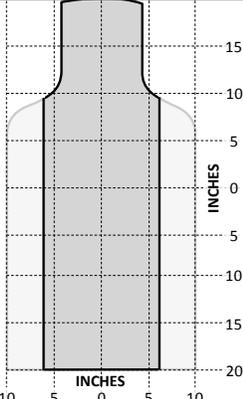
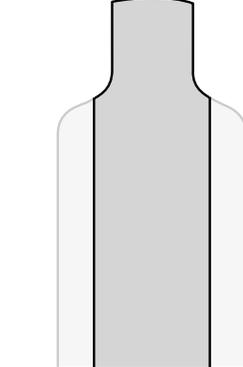
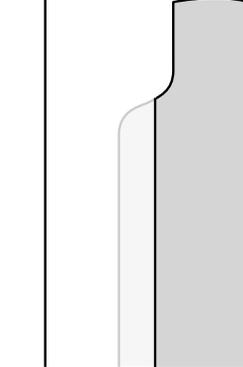
| BEFORE FIRING HOLD | | AFTER FIRING CORRECTED HOLD | |
|---|--|---|--|
|  | | <p><u>Remarks</u></p> | |
|  | |  | |
| <p>OR</p> | | <p>OR</p> | |
|  | |  | |
| <p>OR</p> | | <p>OR</p> | |
|  | |  | |
| <p>OR</p> | | <p>OR</p> | |

TABLE 2 - MOVING

| BEFORE FIRING HOLD | | AFTER FIRING CORRECTED HOLD | |
|---|--|---|--|
|  | | <p><u>Remarks</u></p> | |
|  | |  | |
| <p>OR</p> | | <p>OR</p> | |
|  | |  | |
| <p>OR</p> | | <p>OR</p> | |
| | | | |
| <p>OR</p> | | <p>OR</p> | |

SCORING

| | Points possible | Qualification |
|---------|-----------------|-------------------|
| Table 1 | 250 | ≥ 190 points |
| Table 2 | 100 | ≥ 60 points |

Aggregate Score



305-350 = EXPERT



280-304 = SHARPSHOOTER



250-279 = MARKSMAN

70

SCORING

| | Points possible | Qualification |
|---------|-----------------|-------------------|
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"The deadliest weapon in the world is a Marine and his rifle".

- General John "Black Jack" Pershing, Commander of the American Expeditionary Force in World War I

"Every Marine is, first and foremost, a rifleman. All other conditions are secondary".

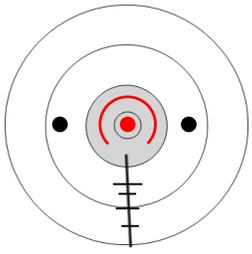
- General Alfred M. Gray, 29th Commandant of the Marine Corps

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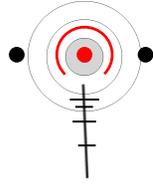
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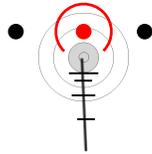
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100



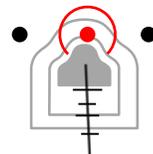
200



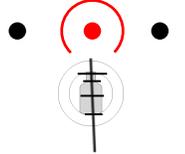
300



200



300



500

