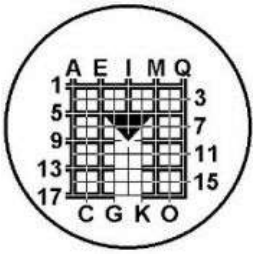
DIVISION MATCH AND ANNUAL RIFLE TRAINING DATABOOK

M16A4 /M4 SERVICE RIFLE WITH RIFLE COMBAT OPTIC (RCO) AND BACK-UP IRON SIGHT (BUIS)

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

COLLIMATOR SETTING

ALPHA	NUMERIC



BUIS BZO	ELEV	WIND

NAVMC XXXXX (Rev. 01-12) Previous editions are obsolete
S/N: XXXX-XXX-XX-XXXX U/I :
FOUO: Privacy sensitive when filled in

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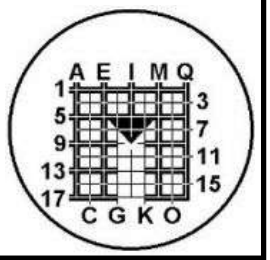

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Rifleman’s Creed

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.

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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	
"MAKE A CONDITION 3 WEAPON"	TAKES THE WEAPON FROM CONDITION 4 TO CONDITION 3
"MAKE A CONDITION 1 WEAPON "	TAKES THE WEAPON FROM CONDITION 3 TO CONDITION 1
"FIRE"	ENGAGE TARGET(S)
"CEASE FIRE"	CEASE TARGET ENGAGEMENT
"MAKE A CONDITION 4 WEAPON"	TAKES THE WEAPON FROM ANY CONDITION TO CONDITION 4
"SHOW CLEAR"	REQUIRES A SECOND INDIVIDUAL TO INSPECT THE WEAPON BEFORE THE WEAPON IS PLACED INTO CONDITION 4

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2

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 pitts 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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3

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)	- 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

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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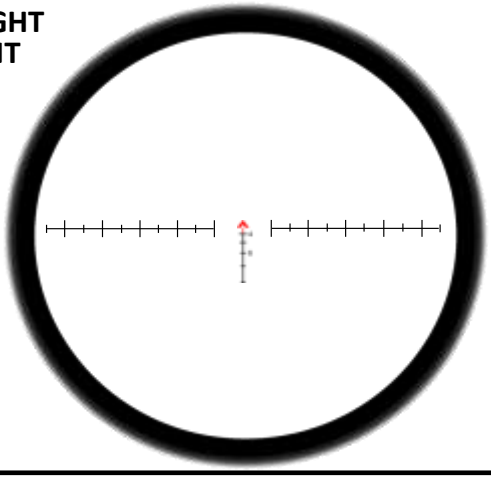
AIMING

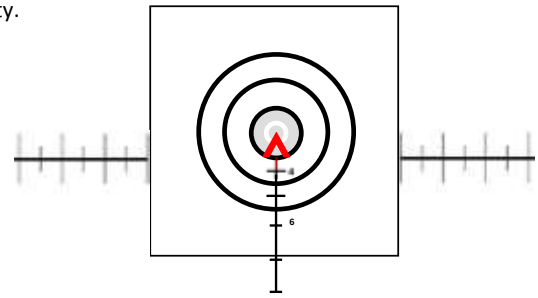
CORRECT SIGHT ALIGNMENT

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

IMPROPER SIGHT ALIGNMENT

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BULLET WILL STRIKE LEFT

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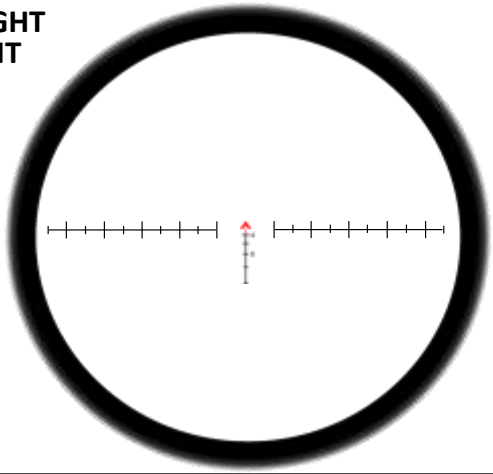

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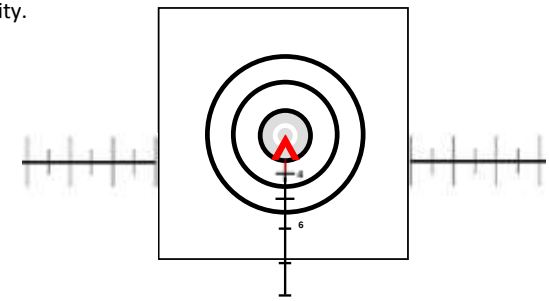

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BREATH CONTROL

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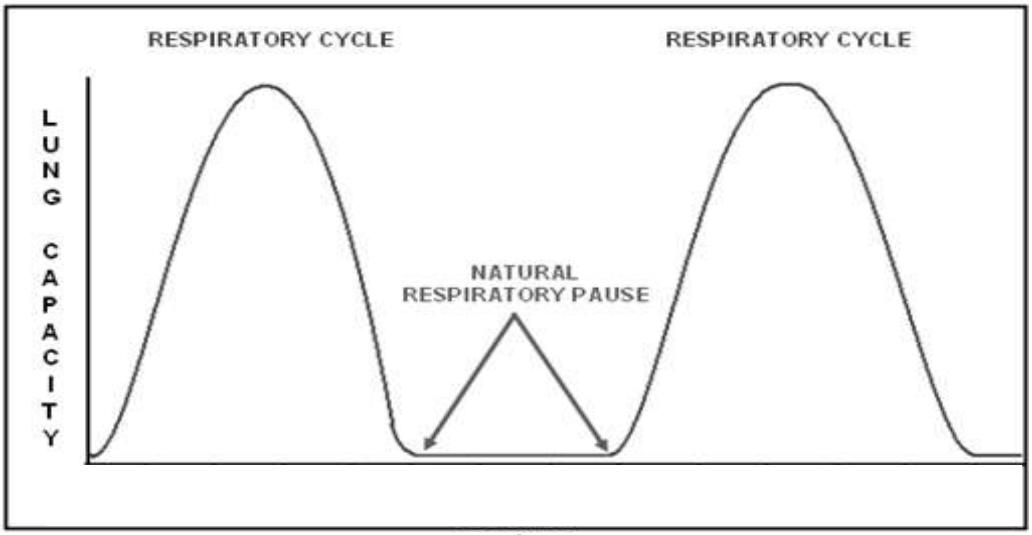

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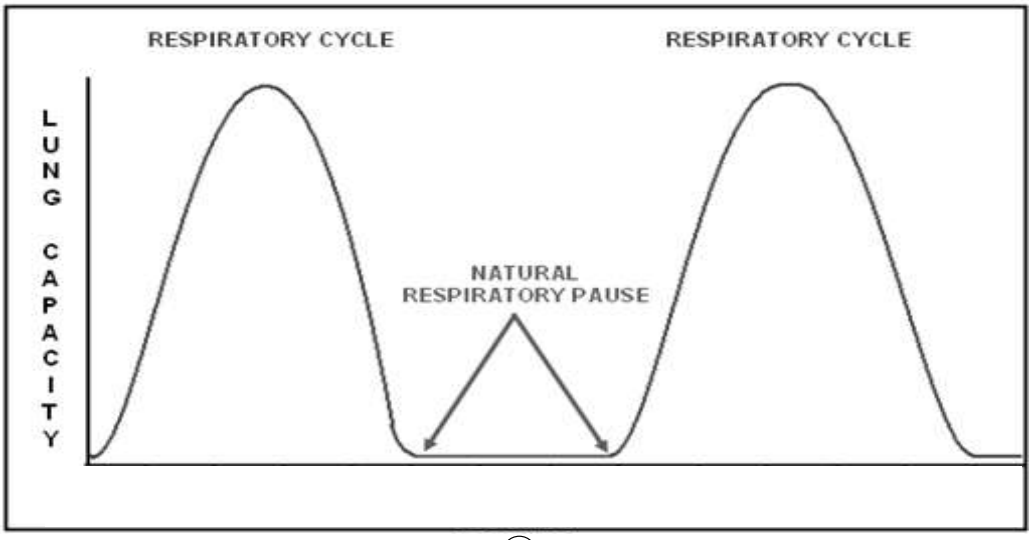

TRIGGER CONTROL

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	•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	•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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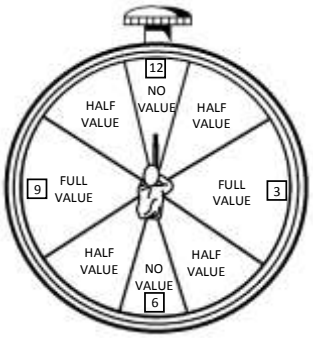
10

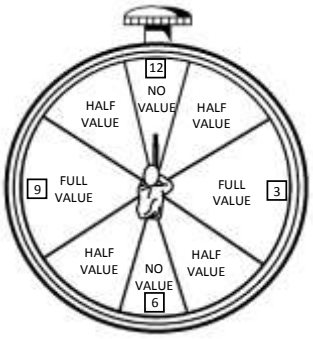
WIND



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.

WIND



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11

WINDAGE HOLDS M16A4

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.

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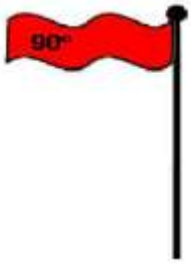
Wind speed is determined by the angle of the flag. The different speeds at each angle can be approximated based on how fast the flag flutters at each angle.										
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RANGE (yards)	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF
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300	6”	3”	13”	6”	18”	9”	25”	12”	32”	16”
500	20”	10”	40”	20”	60”	30”	81”	40”	101”	50”

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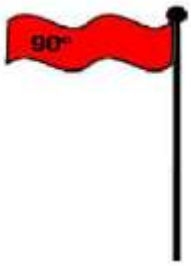
Wind speed is determined by the angle of the flag. The different speeds at each angle can be approximated based on how fast the flag flutters at each angle.	5 MPH		10 MPH		15 MPH		20 MPH		 25 MPH	
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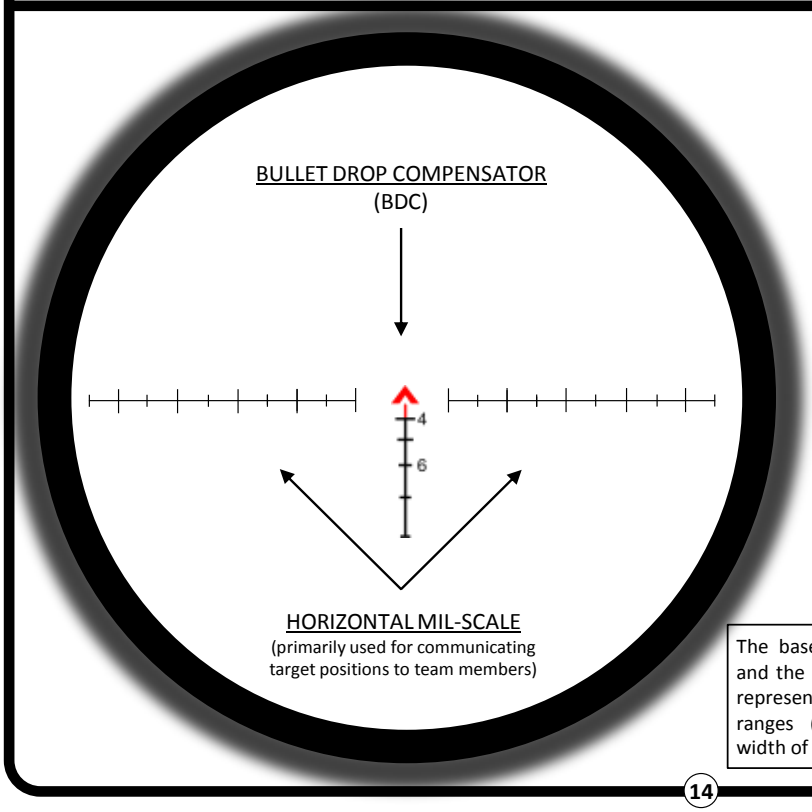
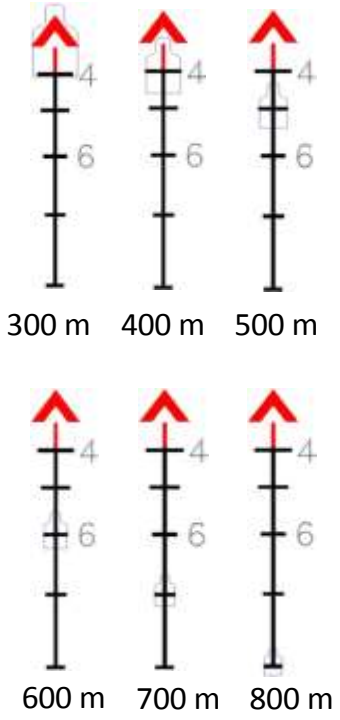
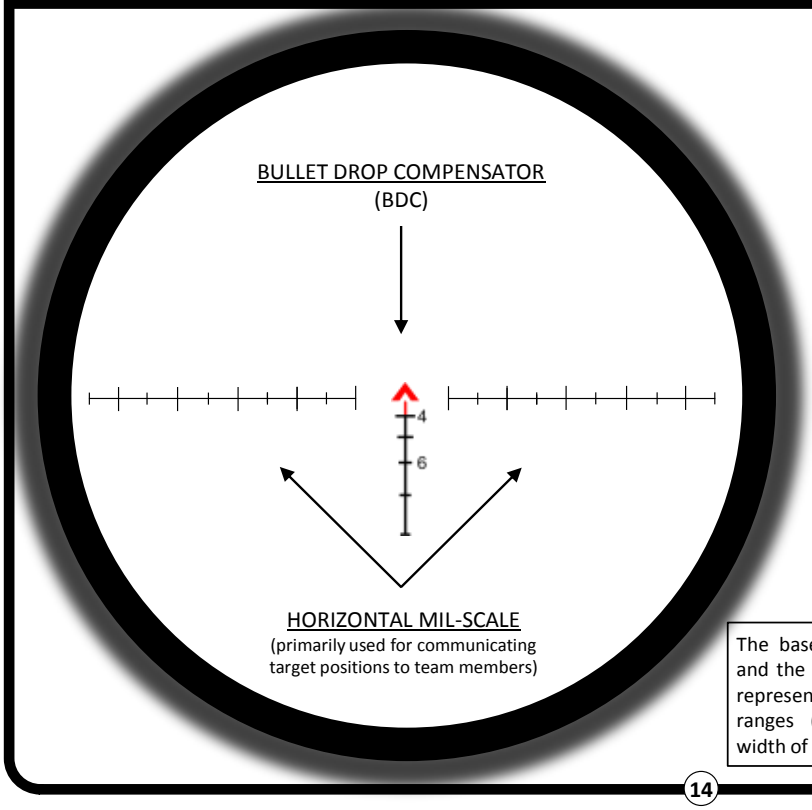
RCO NOMENCLATURE (RETICLE)



The base of the red chevron and the horizontal stadia lines represent 19" at the indicated ranges (19" is the average width of a man's shoulders).



RCO NOMENCLATURE (RETICLE)



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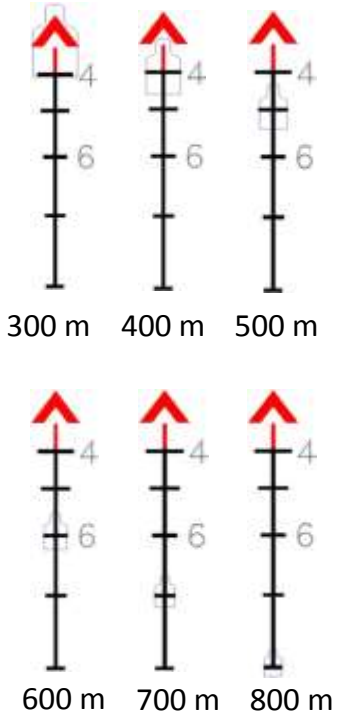

DEFINITIONS

AIMING POINT	**The precise point where the tip of the front sight post or rifle combat optic reticle pattern is placed in relationship to target.**
ZERO (RCO)	**Elevation and windage settings required to place a single shot or the center of a shot group in a predesignated location on a target 100 meters/yards, from a specific firing position, under ideal weather conditions.**
HOLD (RCO)	**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 predesignated location on a target at a specific range, from a specific firing position, under specific weather conditions**
ZERO (BUIS)	**Elevation and windate settings required to place a single shot or the center of a shot group in a predesignated location on a target at a specific range, from a specific firing position, under specific weather conditions.**
TRUE ZERO (BUIS)	**The elevation and windage settings that are required to place a single shot or the center of a shot group, in a predesignated location on a target at a specific range, from a specific firing position, under ideal weather conditions.**

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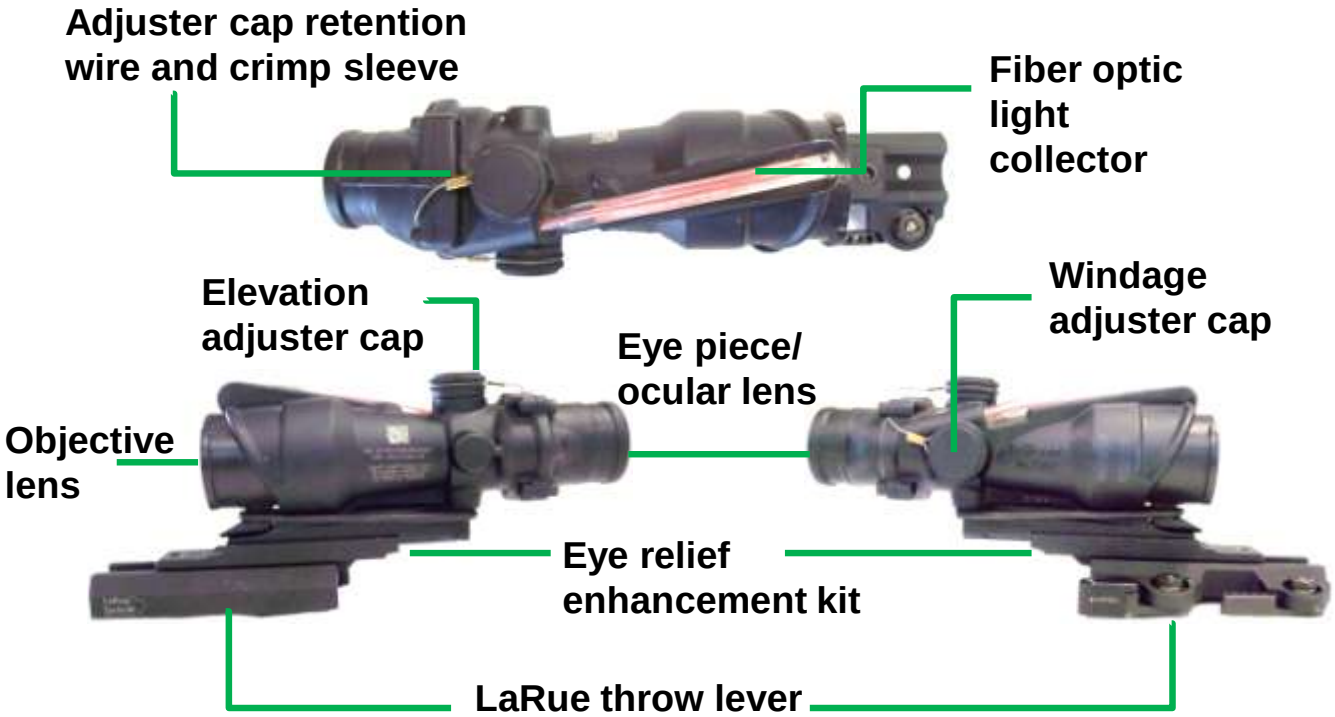
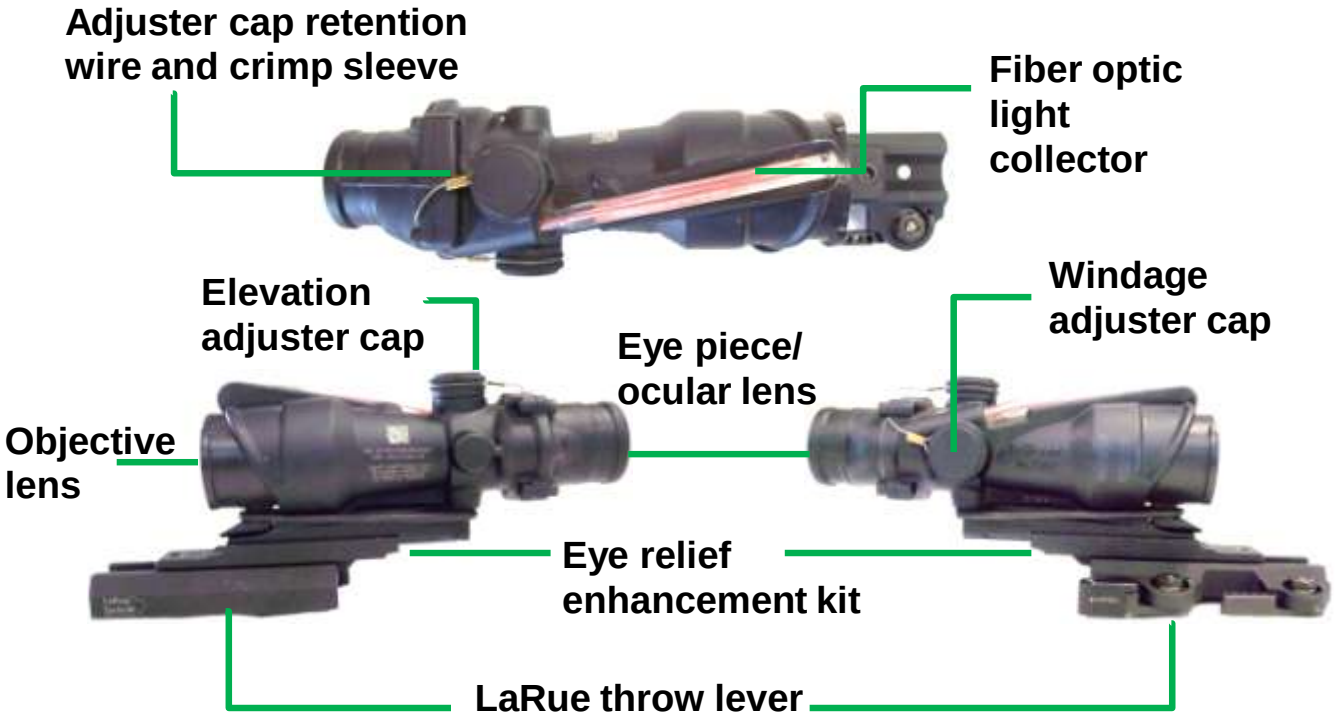
RCO NOMENCLATURE (EXTERNAL)



RCO NOMENCLATURE (EXTERNAL)



MOUNTING THE RCO (RAIL)

1. Prior to attempting to mount the optic, open the throw levers. Throw levers should be on the right side of the mount.

2. Place the TA31RCO onto the flattop receiver rail. Be sure to align the interface stubs located on the bottom of the adapter with the grooves on the rail of the flattop receiver.

3. The TA31RCO can be placed in any of the slots on top of the receiver to allow for proper eye relief adjustment. Once the ideal position has been determined, apply forward pressure on the optic and move the throw levers into the locked position (move the levers back toward the stock).

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TABLE 1A COURSE OF FIRE

BLOCK / DAY	STAGE		RANGE	TIME	AMMO	FILL PLAN # MAGS / # RNDS 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

TABLE 1A COURSE OF FIRE

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	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

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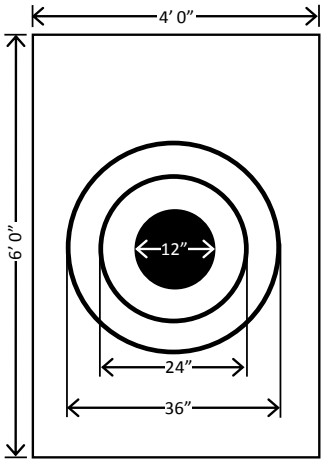
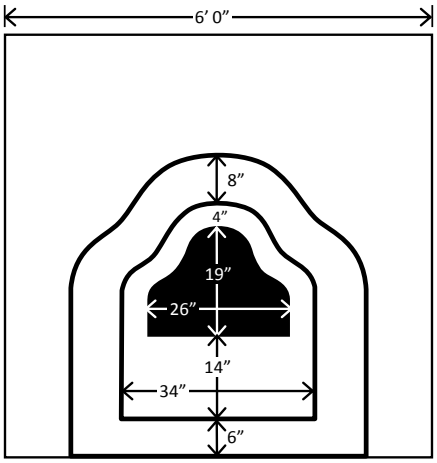
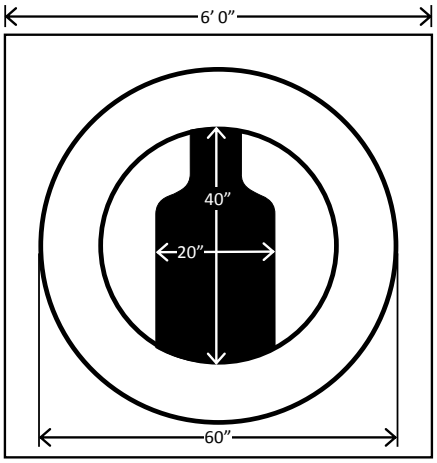
TABLE 1
TARGET DIMENSIONS



“Able” Target

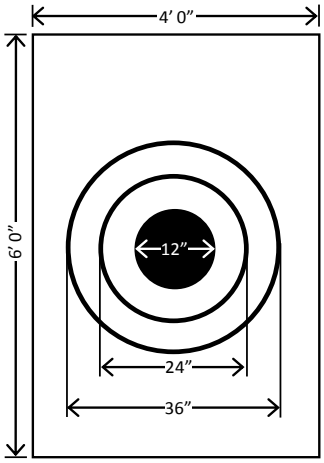


“Dog” Target

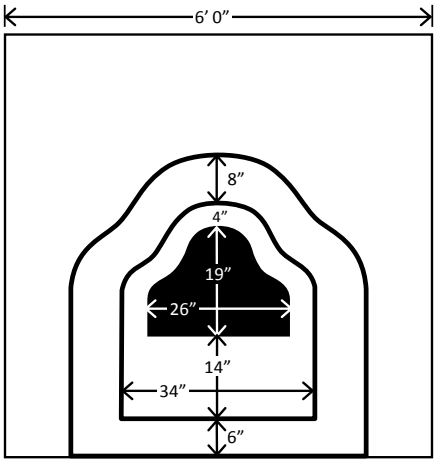


“B-Modified” Target

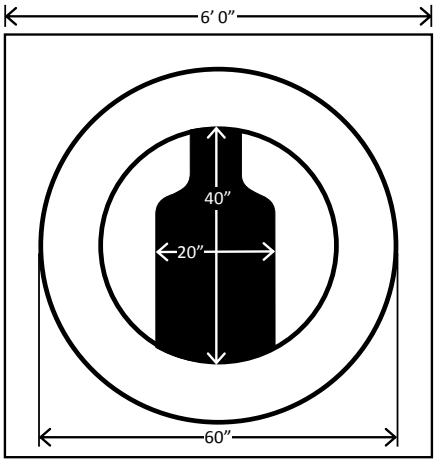
TABLE 1
TARGET DIMENSIONS



“Able” Target



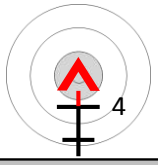
“Dog” Target

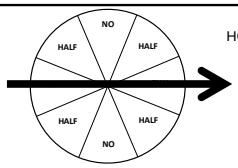


“B-Modified” Target

200 YARD SLOW-FIRE SITTING — BEFORE FIRING — EXAMPLE

ZERO



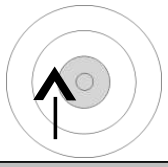


+ WIND =

HOLDS IN INCHES

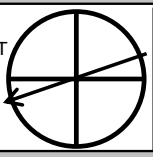
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



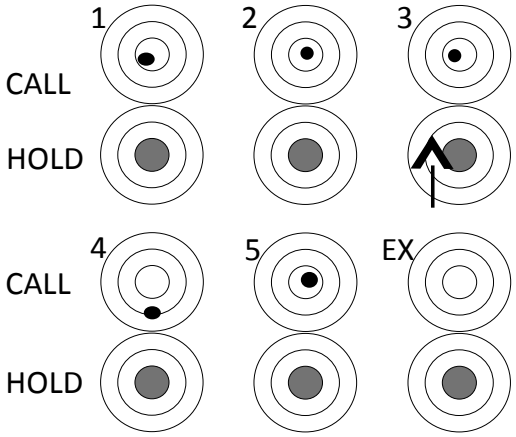
WEATHER DATA

LIGHT
- [ ] OVERCAST
- [x] PARTLY CLOUDY
- [ ] CLEAR

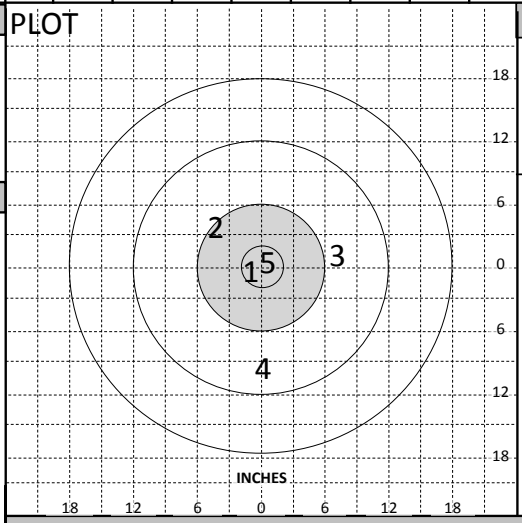


PRECIP
- [x] DRY
- [ ] LT RAIN
- [ ] MIST
- [ ] HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

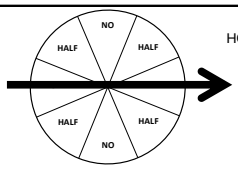
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

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 — EXAMPLE

ZERO

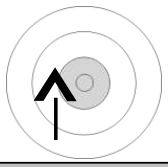


+ WIND =

HOLDS IN INCHES

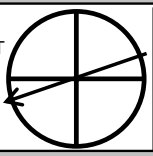
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



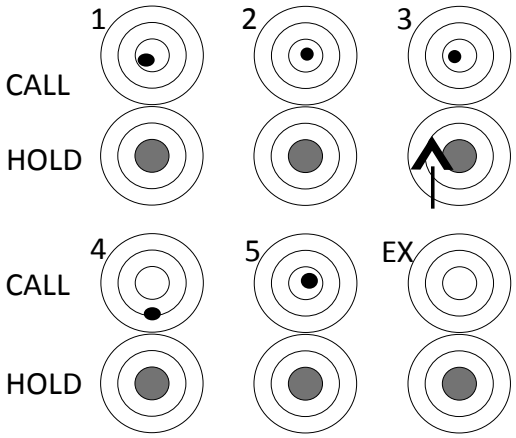
WEATHER DATA

LIGHT
- [ ] OVERCAST
- [x] PARTLY CLOUDY
- [ ] CLEAR

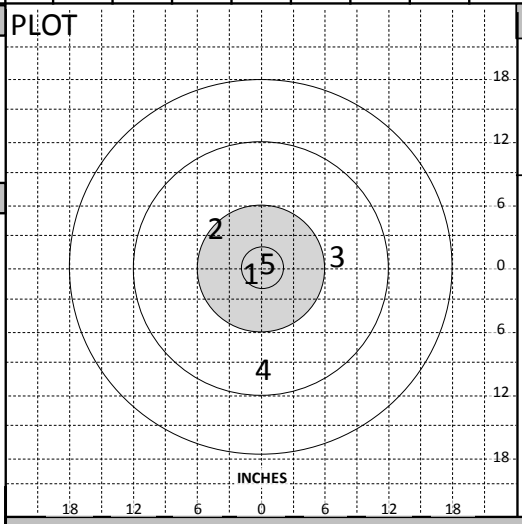


PRECIP
- [x] DRY
- [ ] LT RAIN
- [ ] MIST
- [ ] HVY RAIN

DURING FIRING



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.

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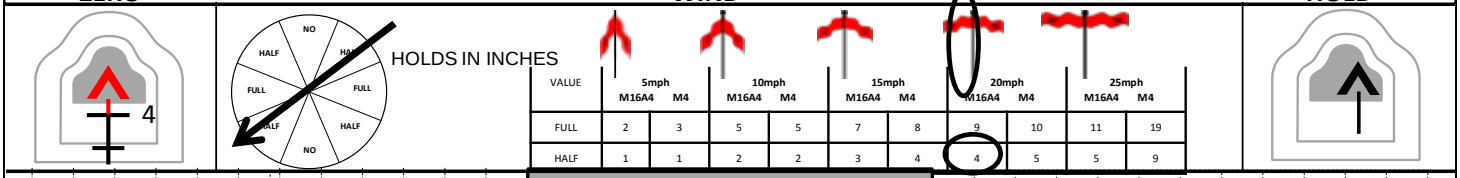
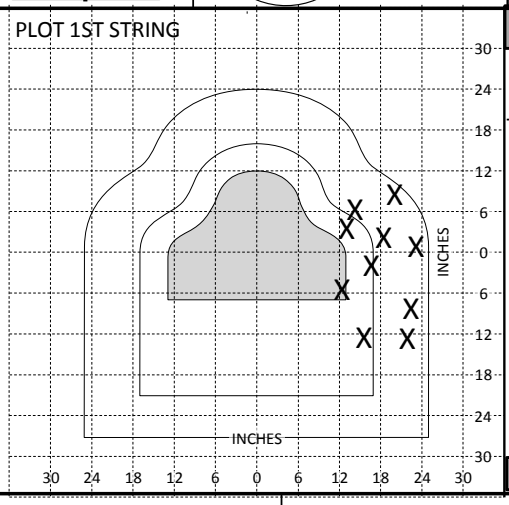
200 YARD RAPID-FIRE SITTING — BEFORE FIRING — EXAMPLE

ZERO + WIND = HOLD



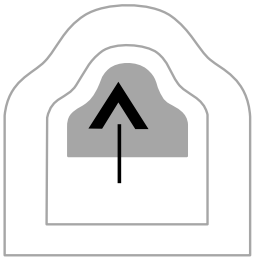
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



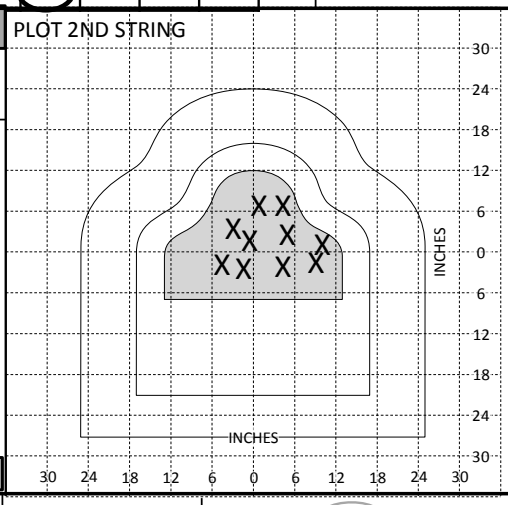
DURING FIRING

2ND STRING HOLD

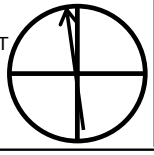


REMARKS

PLOT 2ND STRING



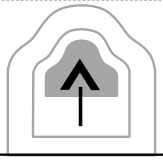
LIGHT
- [x] OVERCAST
- [ ] PARTLY CLOUDY
- [ ] CLEAR



PRECIP
- [ ] DRY
- [ ] LT RAIN
- [x] MIST
- [ ] HVY RAIN

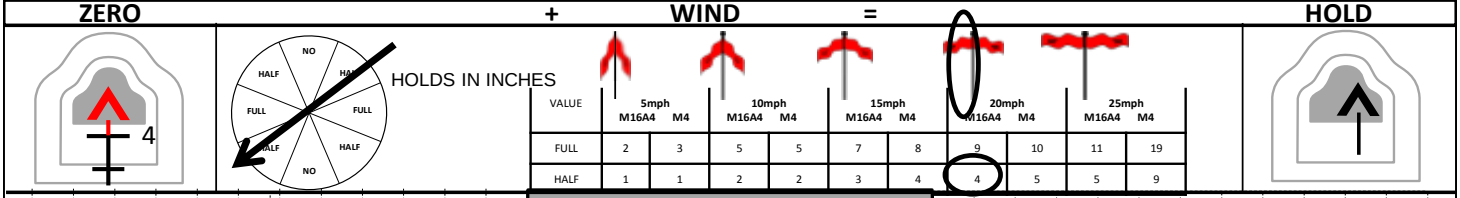
Miscalculated wind data. Corrected on 2nd string.

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



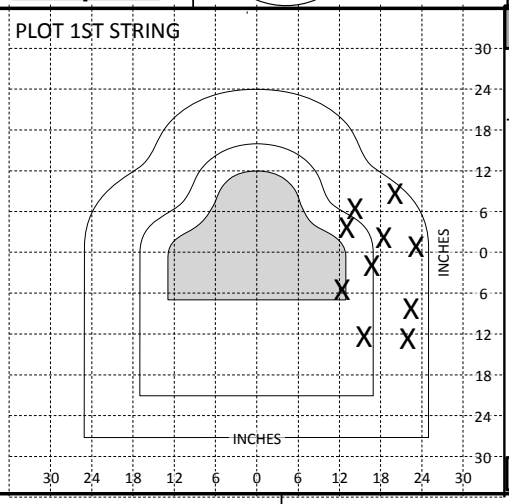
200 YARD RAPID-FIRE SITTING — BEFORE FIRING — EXAMPLE

ZERO + WIND = HOLD



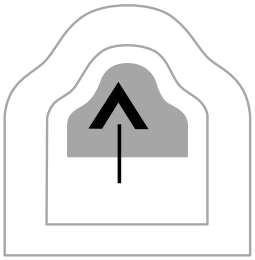
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



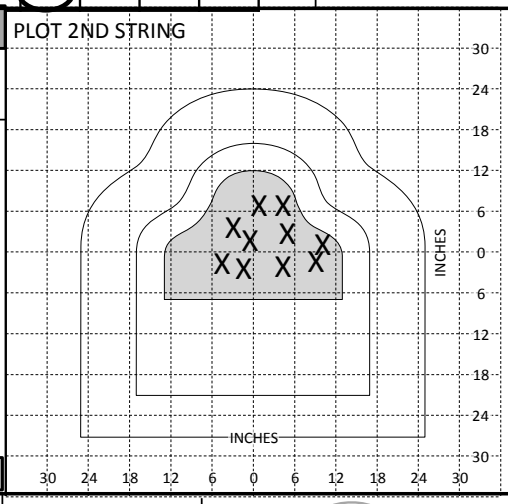
DURING FIRING

2ND STRING HOLD

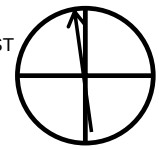


REMARKS

PLOT 2ND STRING



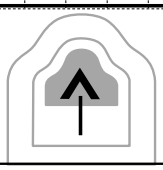
LIGHT
- [x] OVERCAST
- [ ] PARTLY CLOUDY
- [ ] CLEAR



PRECIP
- [ ] DRY
- [ ] LT RAIN
- [x] MIST
- [ ] HVY RAIN

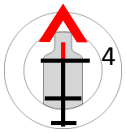
Miscalculated wind data. Corrected on 2nd string.

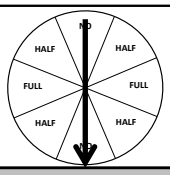
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



500 YARD SLOW-FIRE PRONE — BEFORE FIRING — EXAMPLE

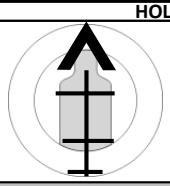
ZERO + WIND = HOLD





HOLDS IN INCHES

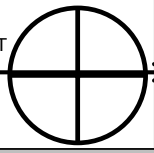
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

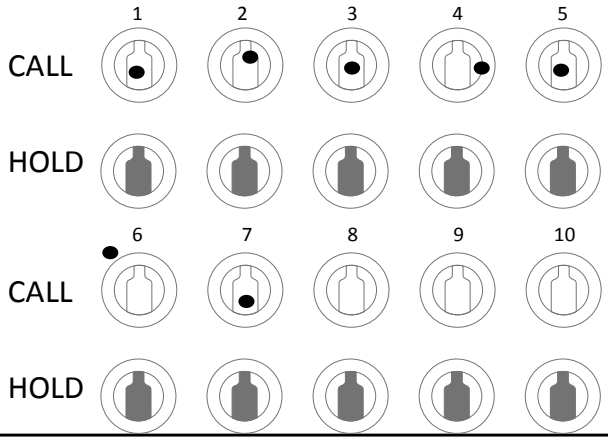


WEATHER DATA

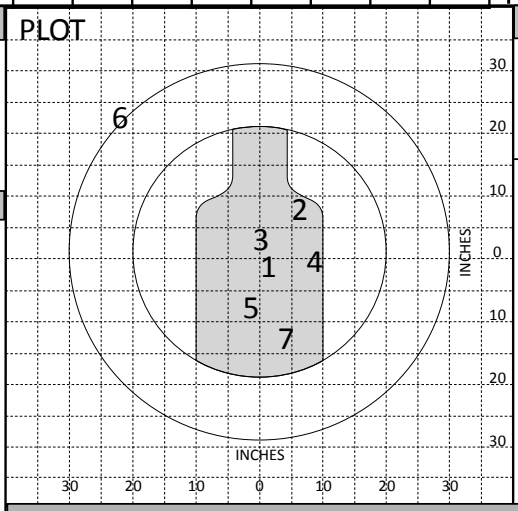
LIGHT
- [X] OVERCAST
- [ ] PARTLY CLOUDY
- [ ] CLEAR

PRECIP
- [ ] DRY
- [X] LT RAIN
- [ ] MIST
- [ ] HVY RAIN



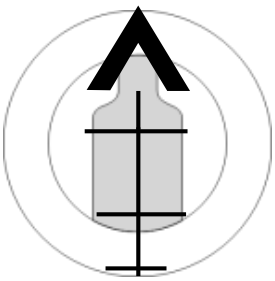


PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

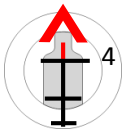


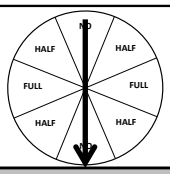
REMARKS

Jerked the 6th shot. Ocular lens fogging up.

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — EXAMPLE

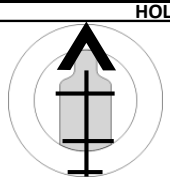
ZERO + WIND = HOLD





HOLDS IN INCHES

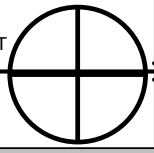
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

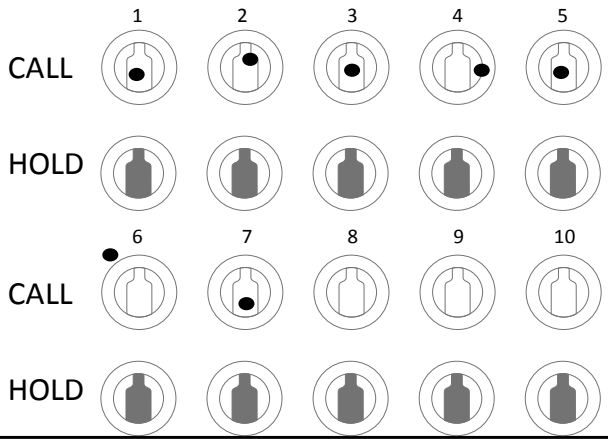


WEATHER DATA

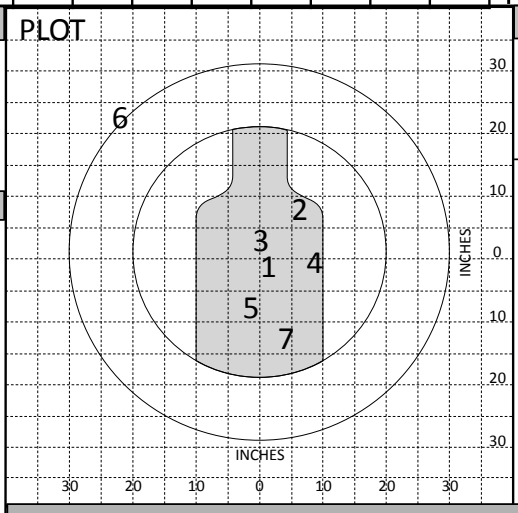
LIGHT
- [X] OVERCAST
- [ ] PARTLY CLOUDY
- [ ] CLEAR

PRECIP
- [ ] DRY
- [X] LT RAIN
- [ ] MIST
- [ ] HVY RAIN





PLOT



AFTER FIRING

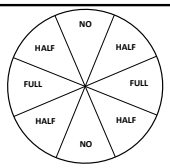
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

Jerked the 6th shot. Ocular lens fogging up.

200 YARD SLOW-FIRE SITTING — BEFORE FIRING — PRACTICE

ZERO



+ WIND =

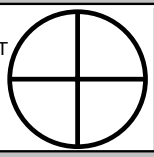
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

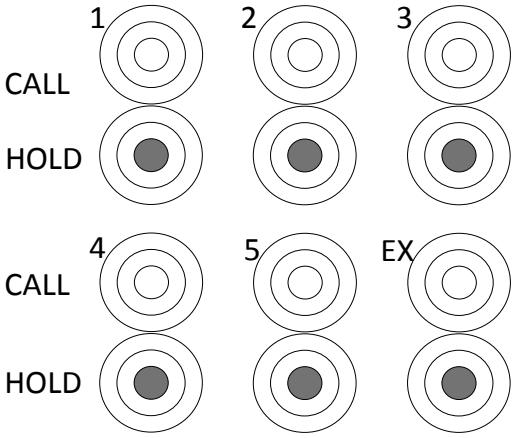
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

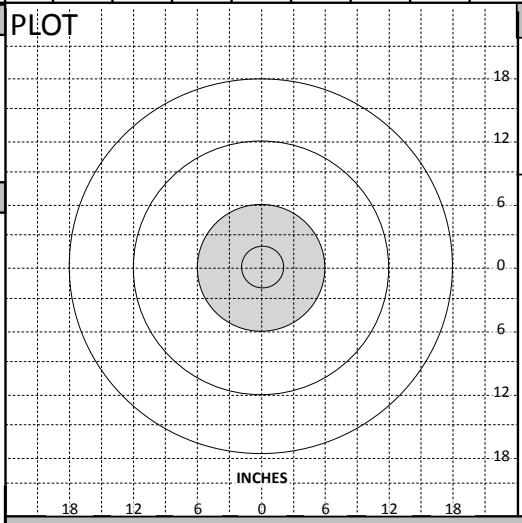


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



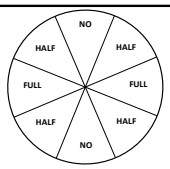
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE SITTING — BEFORE FIRING — PRACTICE

ZERO



+ WIND =

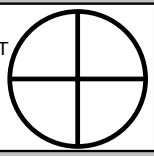
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

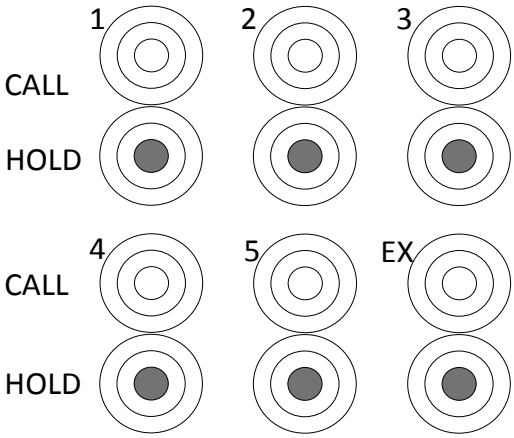
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

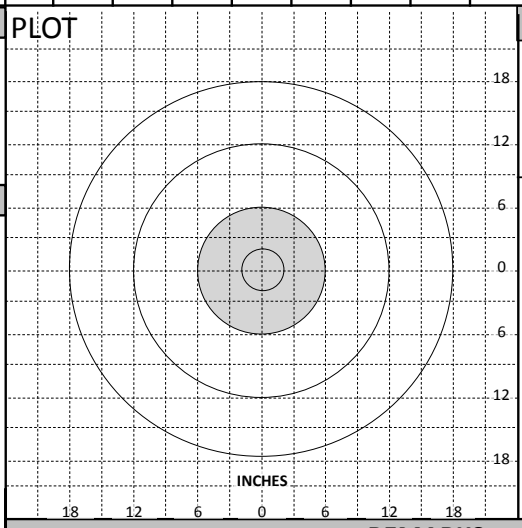


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



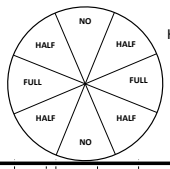
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — PRACTICE

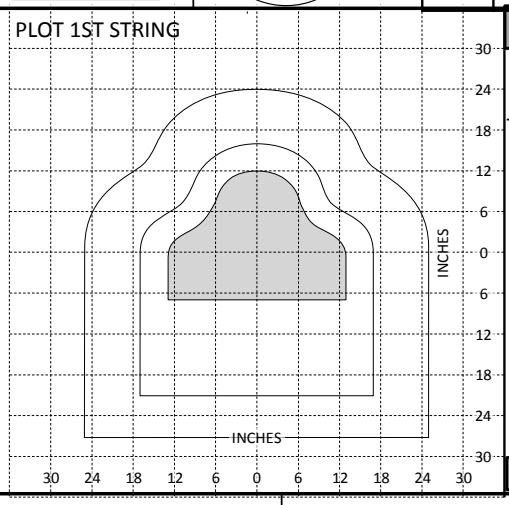
ZERO + WIND = HOLD



HOLDS IN INCHES

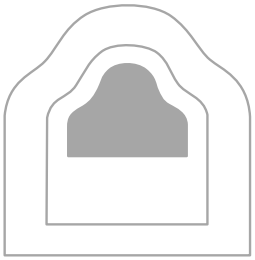
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



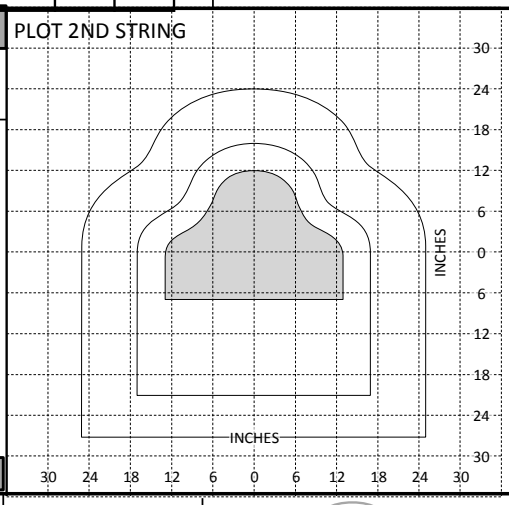
DURING FIRING

2ND STRING HOLD

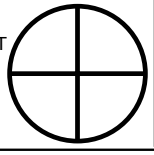


REMARKS

PLOT 2ND STRING

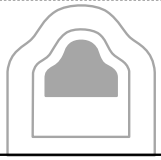


LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



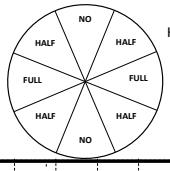
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



200 YARD RAPID-FIRE SITTING — BEFORE FIRING — PRACTICE

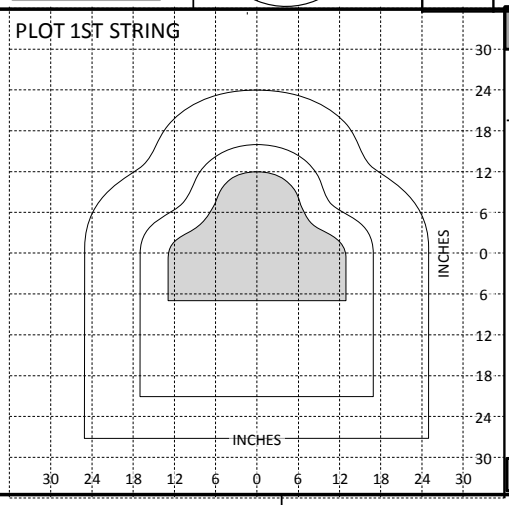
ZERO + WIND = HOLD



HOLDS IN INCHES

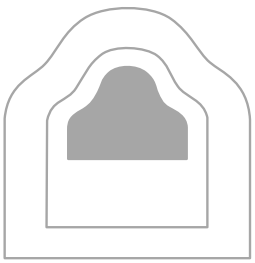
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



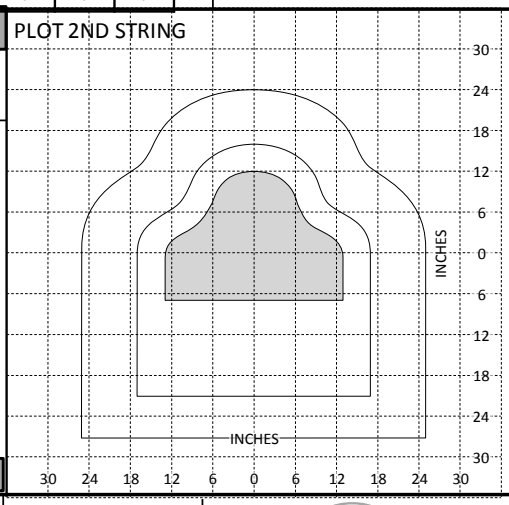
DURING FIRING

2ND STRING HOLD

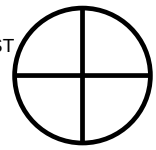


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

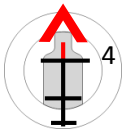


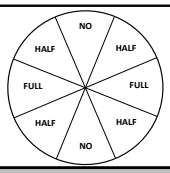
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — PRACTICE

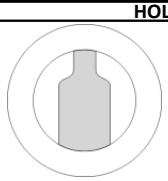
ZERO + WIND = HOLD





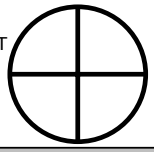
HOLDS IN INCHES

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



WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

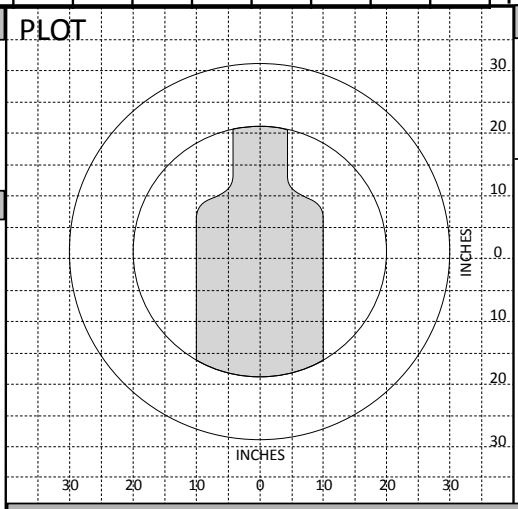


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

PLOT



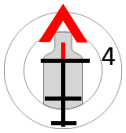
AFTER FIRING

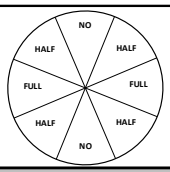
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — PRACTICE

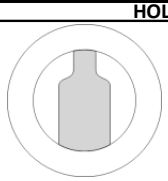
ZERO + WIND = HOLD





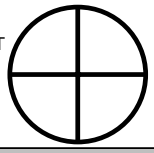
HOLDS IN INCHES

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



WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

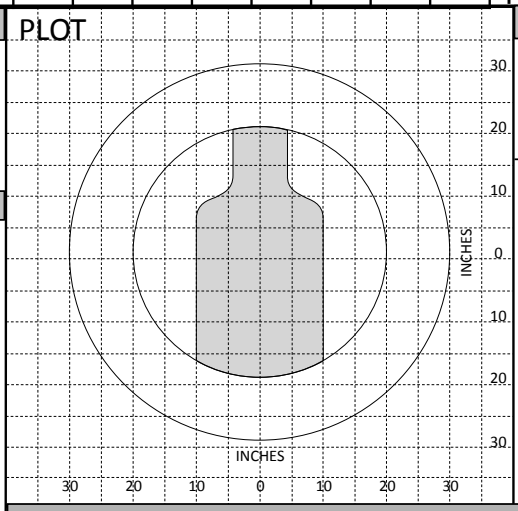


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

PLOT

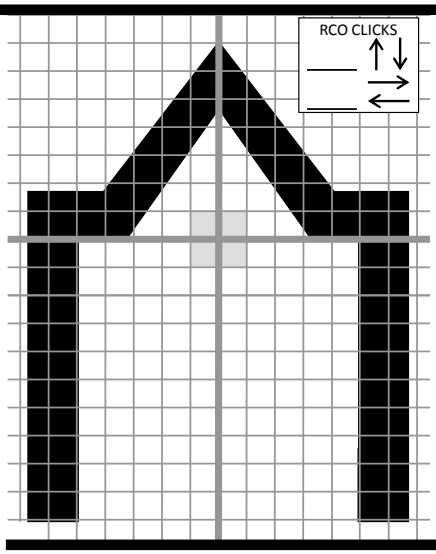


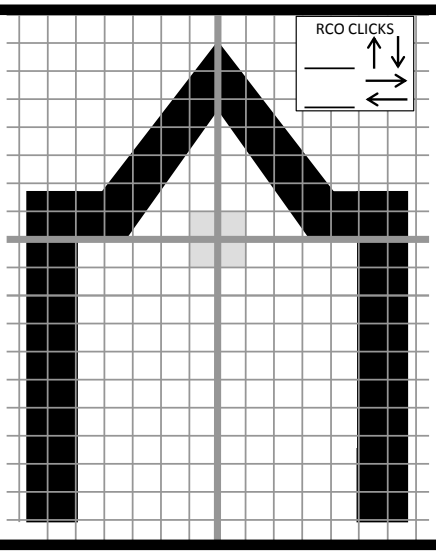
AFTER FIRING

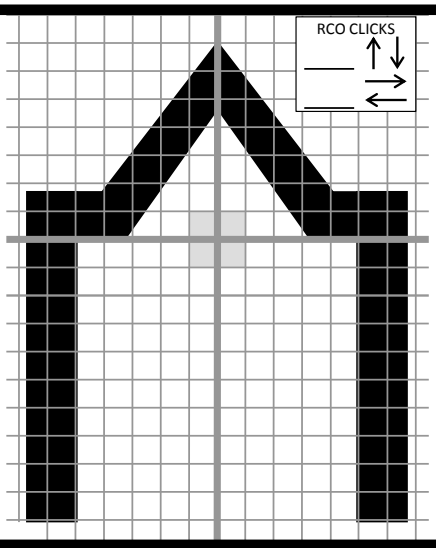
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

36 YD 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:

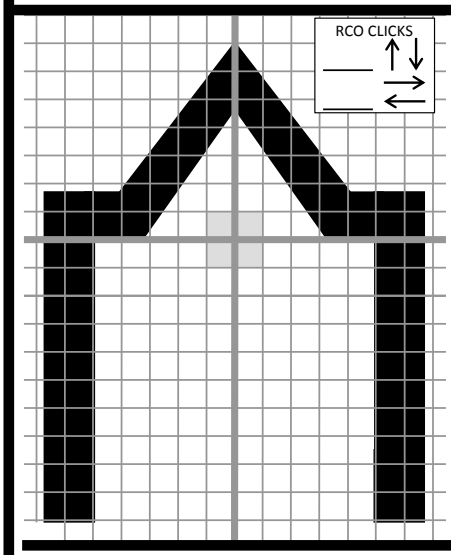
1. The shooter fires five rounds at the center target.
2. The coach measures the size of the group to determine if the shooter can hold a nine minute of angle group. The shooter fires the next five rounds on the left target.
3. Repeat step two. The shooter fires the last five rounds on the right target.
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.

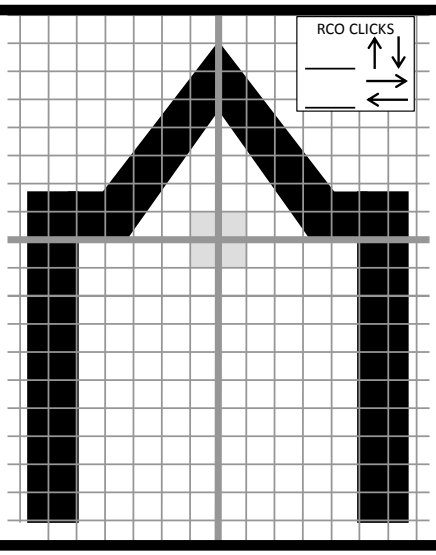
Each square = 1/2 inch

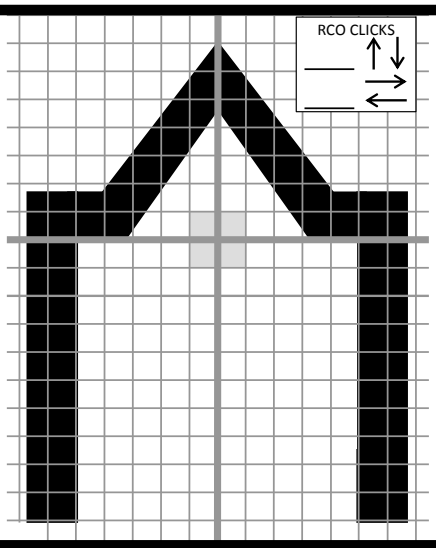
ELEVATION:
RCO - 9 clicks = 1 in
M16A4 (BUIS) – 1 click = 1/2 in

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

36 YD PRE-ZERO SIGHT SETTING







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

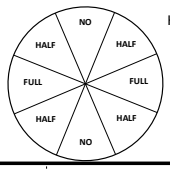
ELEVATION:
RCO - 9 clicks = 1 in
M16A4 (BUIS) – 1 click = 1/2 in

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

26

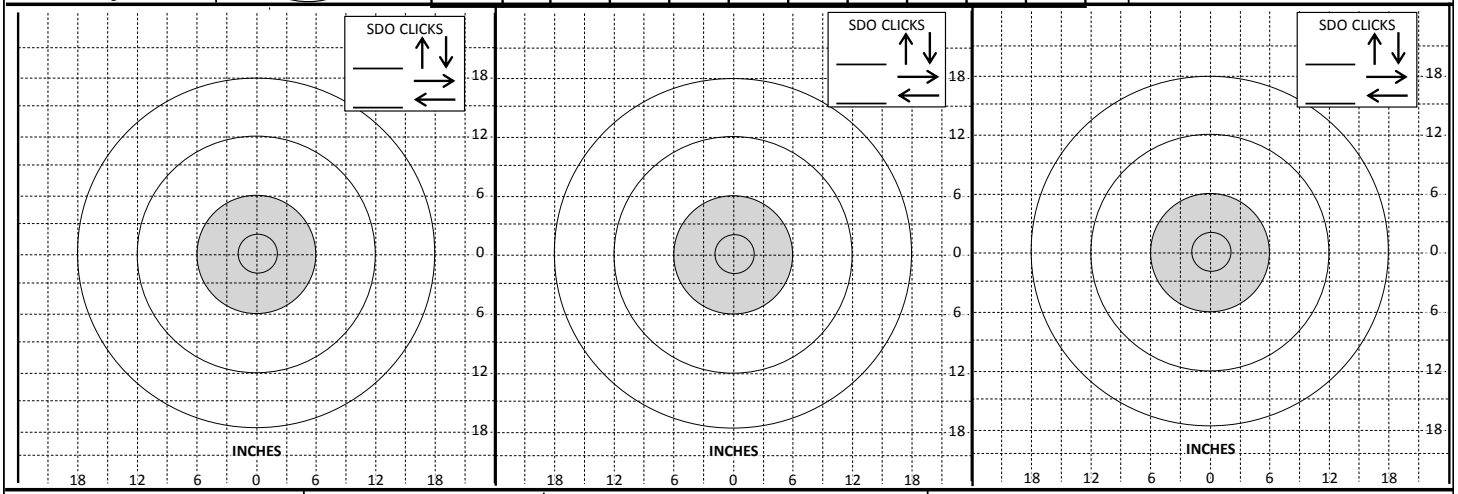
100 YARD ZERO — BEFORE FIRING — TABLE 1

ZERO + WIND = HOLD

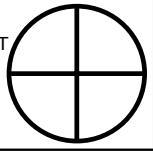


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	1	--	1	1	2	2	2	2	3	3
HALF	½	--	½	½	1	1	1	1	1 ½	1 ½

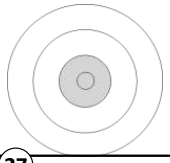


LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



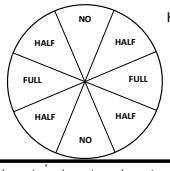
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



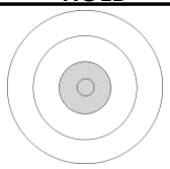
100 YARD ZERO — BEFORE FIRING — TABLE 1

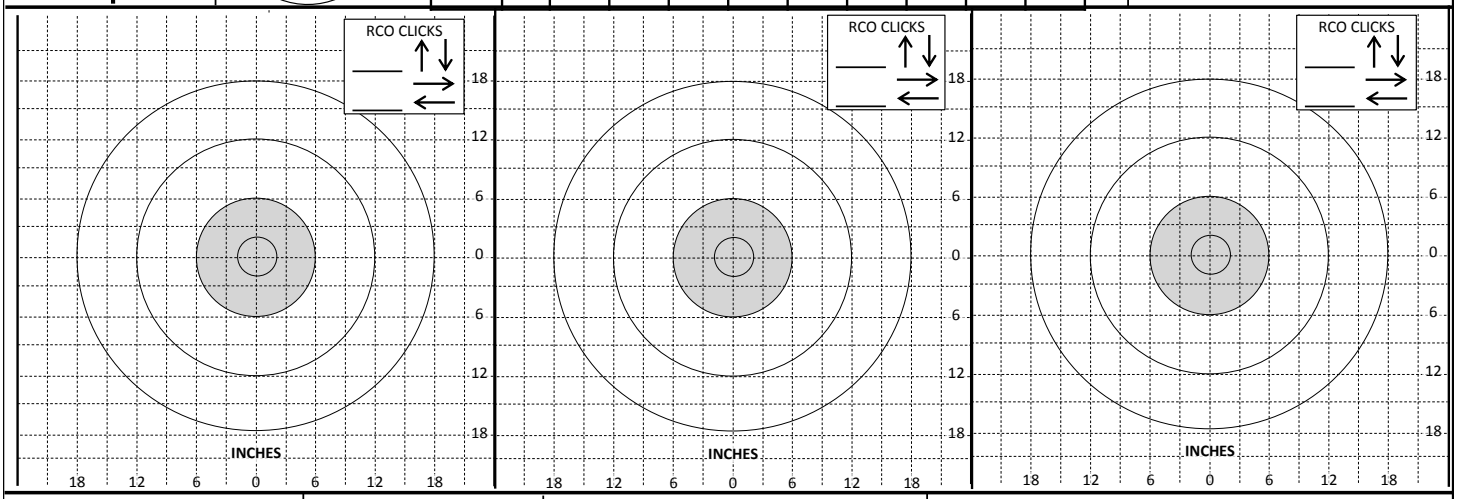
ZERO + WIND = HOLD



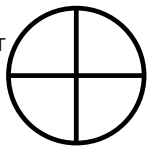
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	1	--	1	1	2	2	2	2	3	3
HALF	½	--	½	½	1	1	1	1	1 ½	1 ½



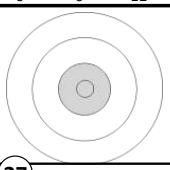


LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



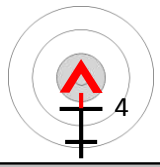
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

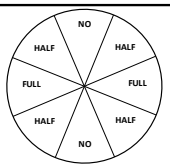
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



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

ZERO





+ WIND =

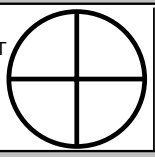
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

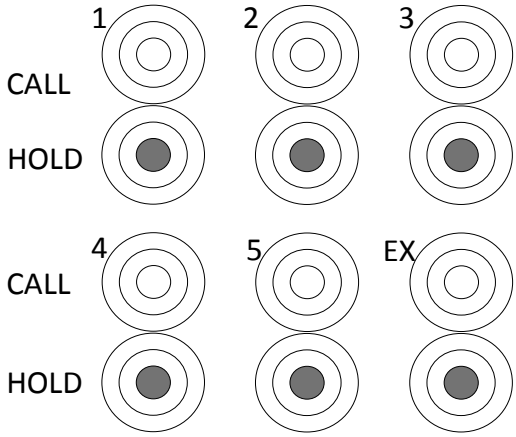
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

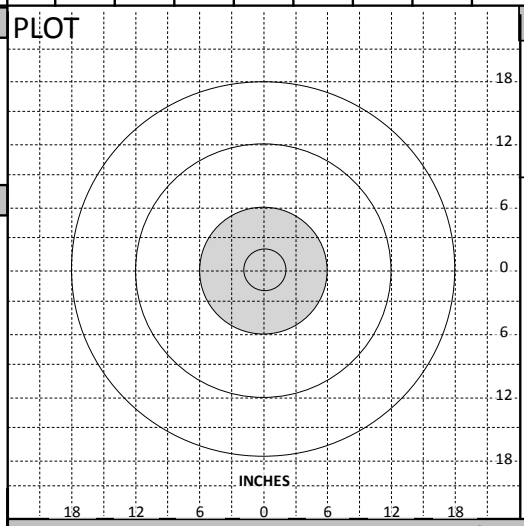


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



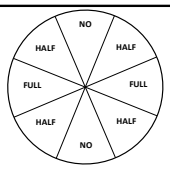
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

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

ZERO

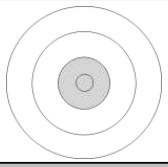


+ WIND =

HOLDS IN INCHES

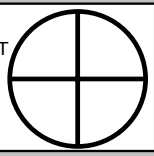
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



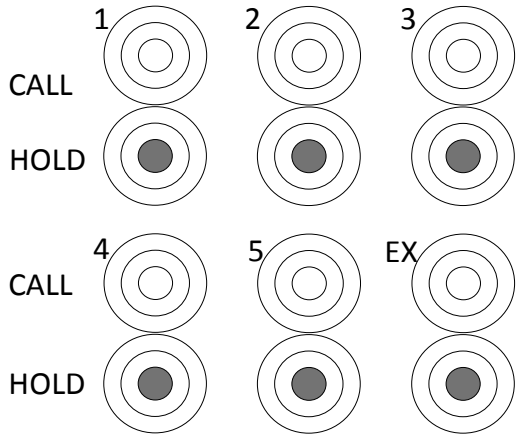
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

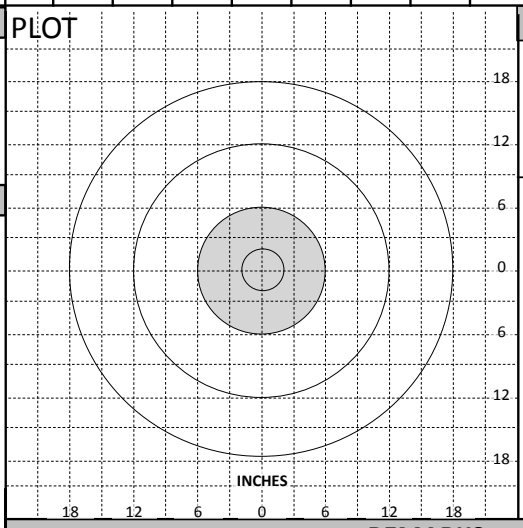


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

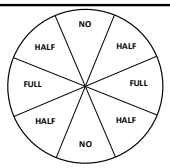
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

28

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

ZERO



+ WIND =

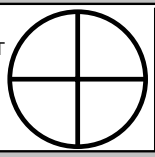
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

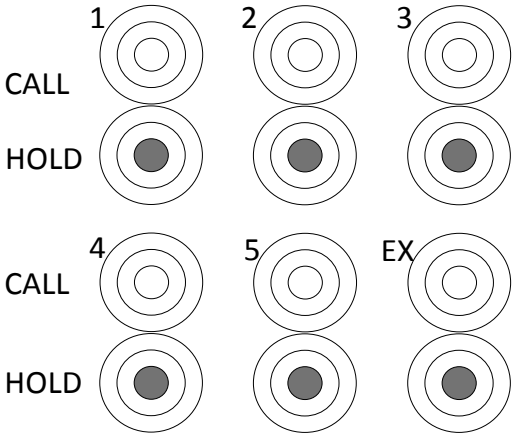
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

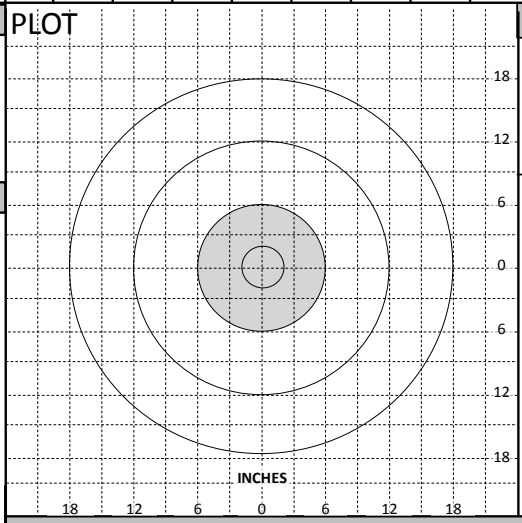


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



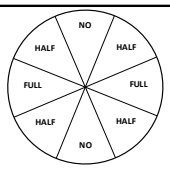
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

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

ZERO

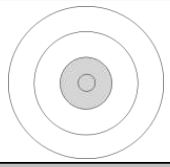


+ WIND =

HOLDS IN INCHES

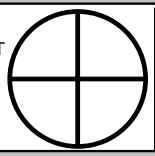
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



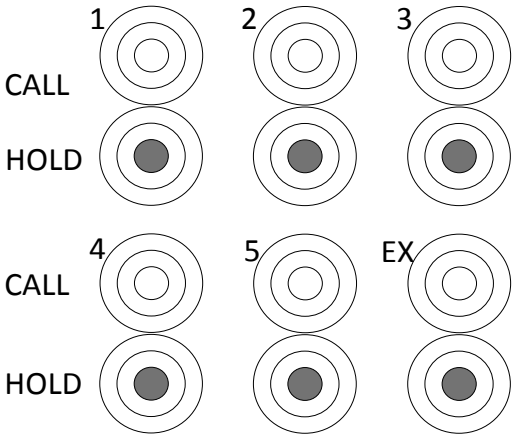
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

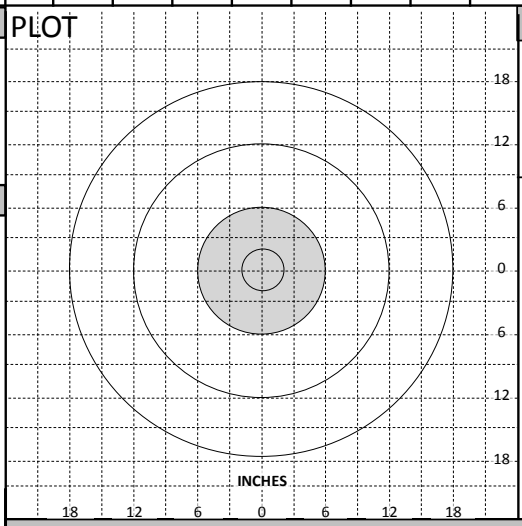


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

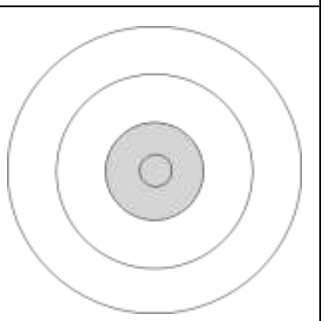


PLOT



AFTER FIRING

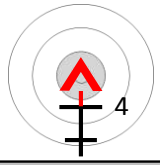
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

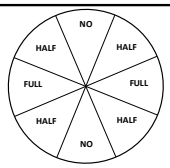


REMARKS

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

ZERO





+ WIND =

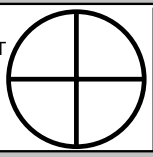
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

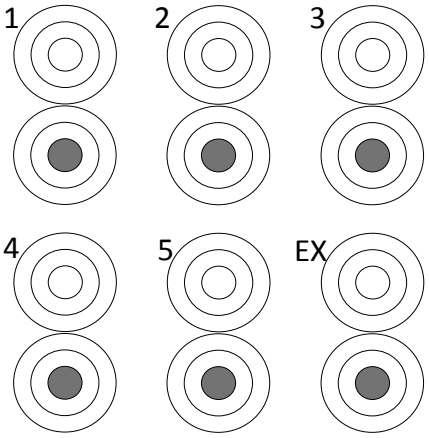
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

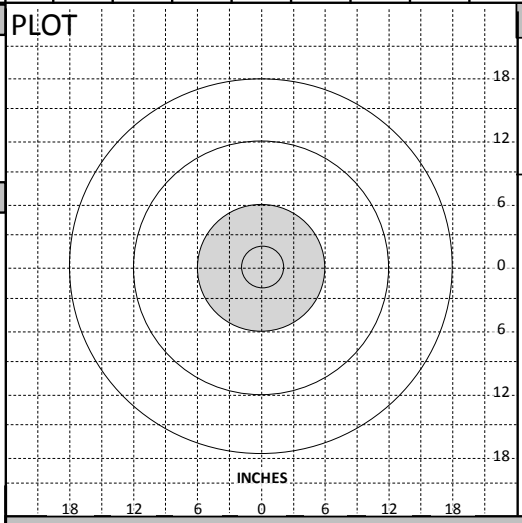


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



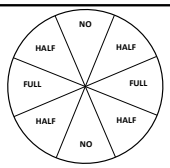
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

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

ZERO

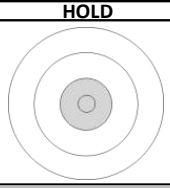


+ WIND =

HOLDS IN INCHES

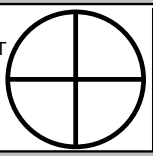
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



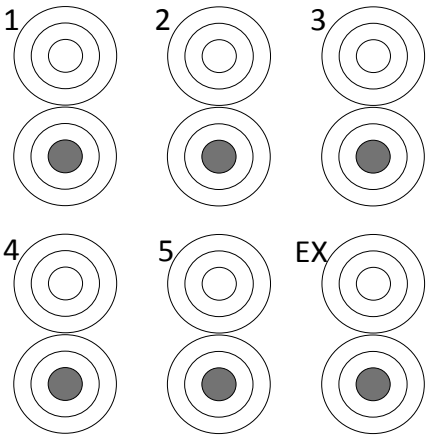
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

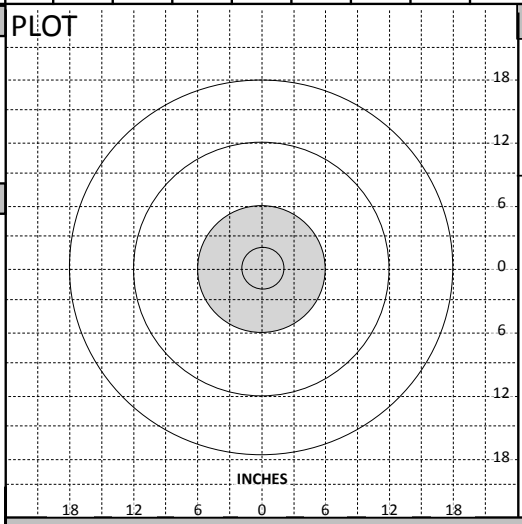


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

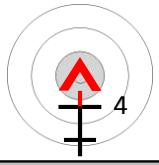
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

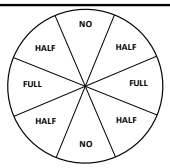
REMARKS

30

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

ZERO





+ WIND =

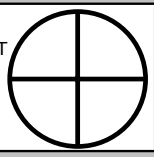
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

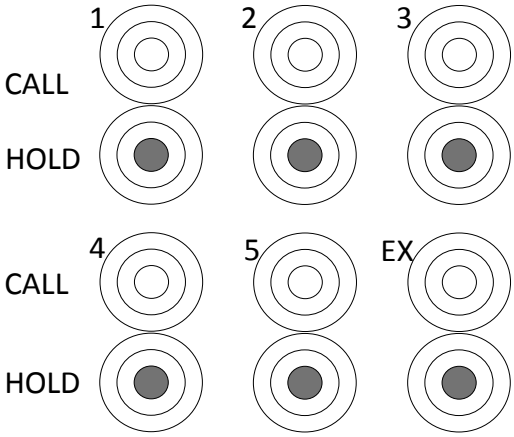
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

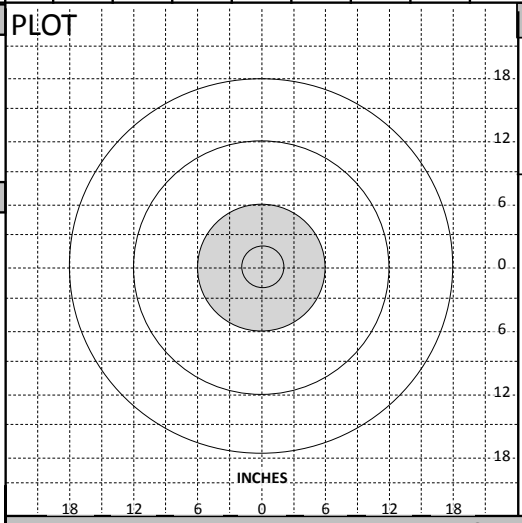


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



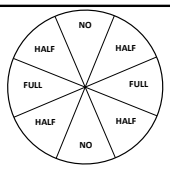
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

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

ZERO

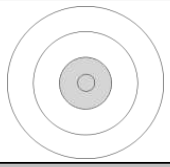


+ WIND =

HOLDS IN INCHES

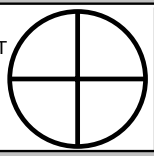
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



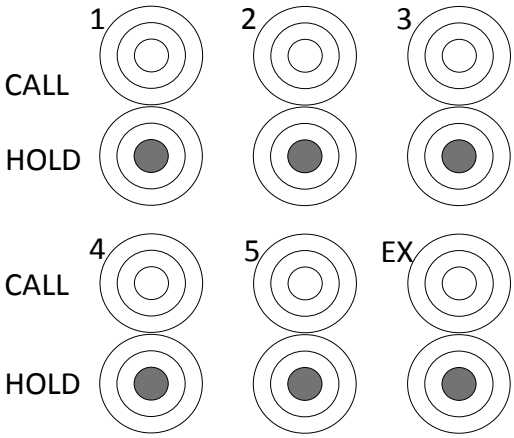
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

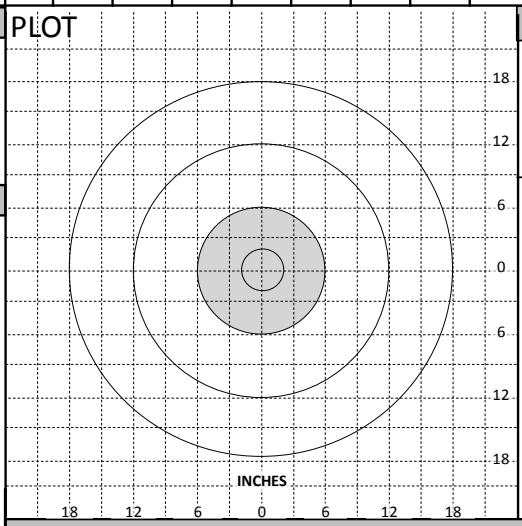


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

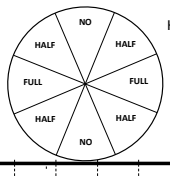
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

31

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY ONE

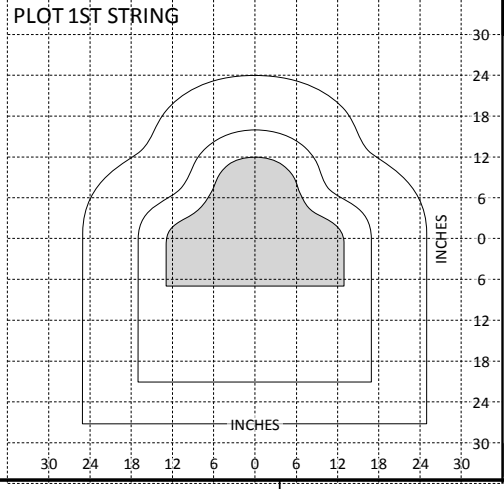
ZERO + WIND = HOLD



HOLDS IN INCHES

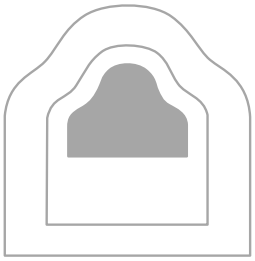
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



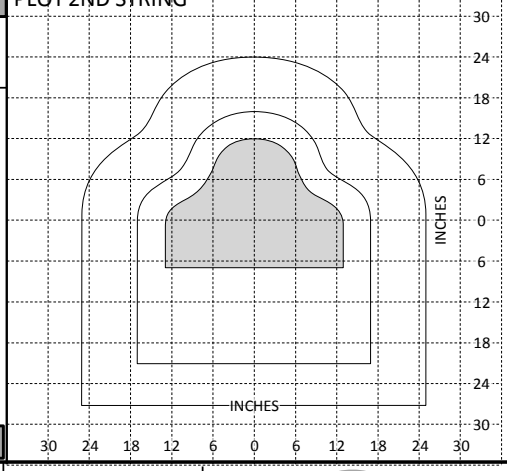
DURING FIRING

2ND STRING HOLD

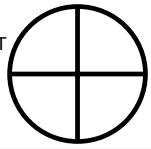


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

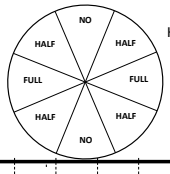


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY ONE

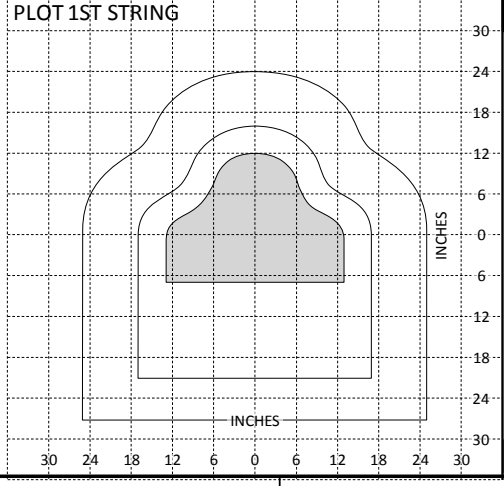
ZERO + WIND = HOLD



HOLDS IN INCHES

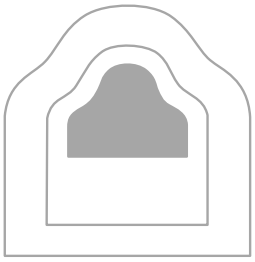
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



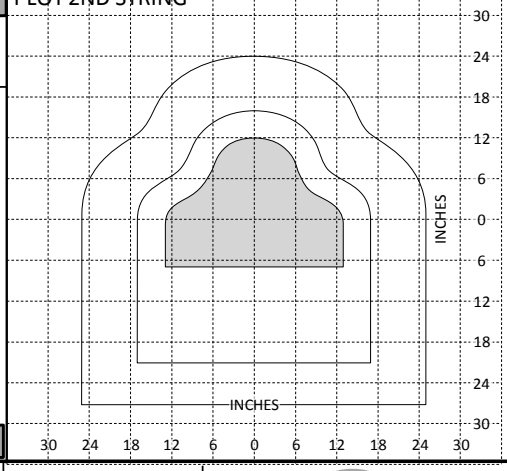
DURING FIRING

2ND STRING HOLD

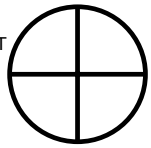


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

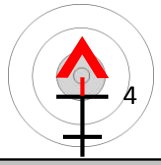


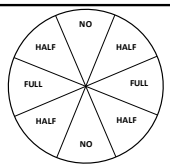
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

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

ZERO





HOLDS IN INCHES

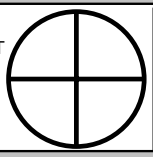
+ WIND =

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

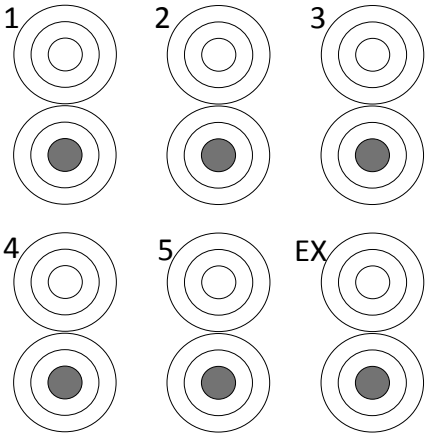
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

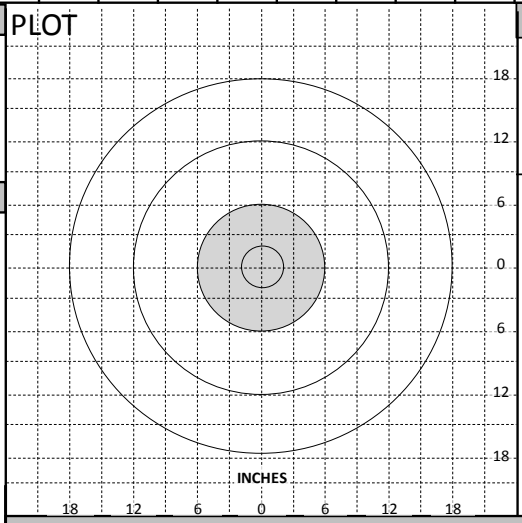


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



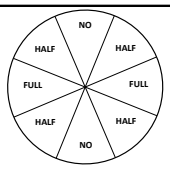
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

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

ZERO

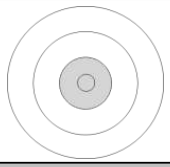


HOLDS IN INCHES

+ WIND =

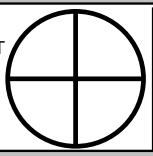
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

HOLD



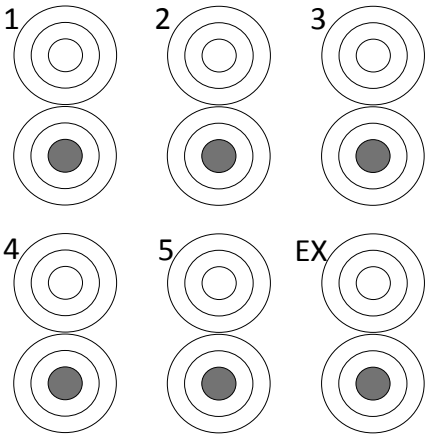
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

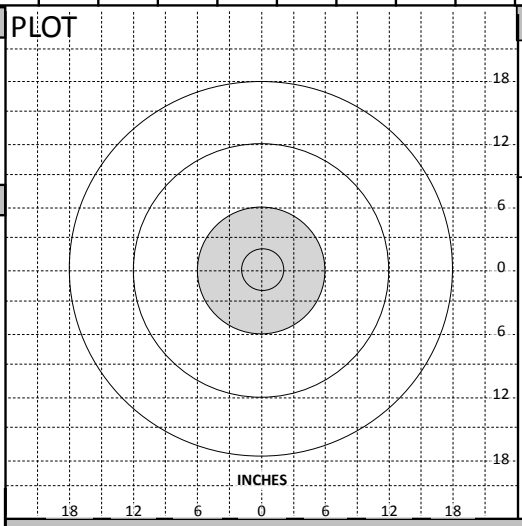


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



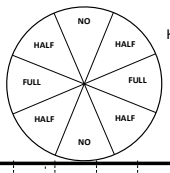
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY ONE

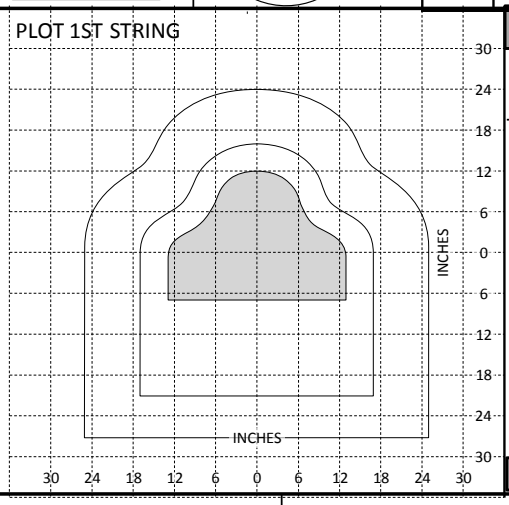
ZERO + WIND = HOLD



HOLDS IN INCHES

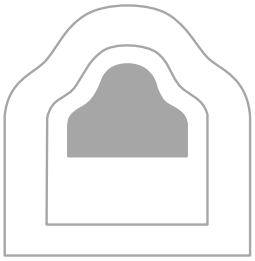
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



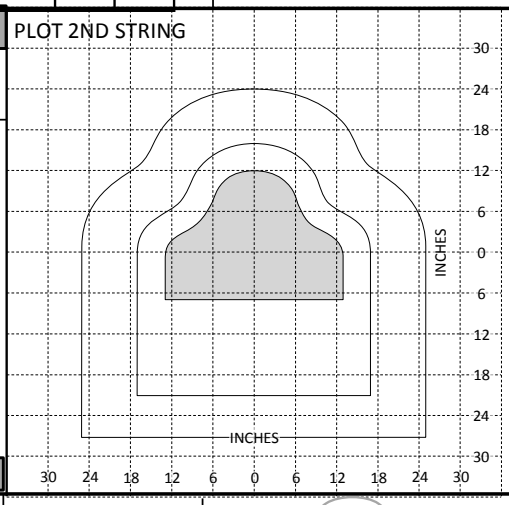
DURING FIRING

2ND STRING SIGHT PICTURE

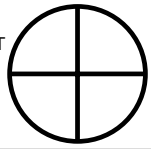


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

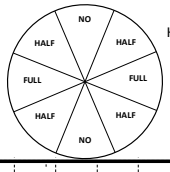


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY ONE

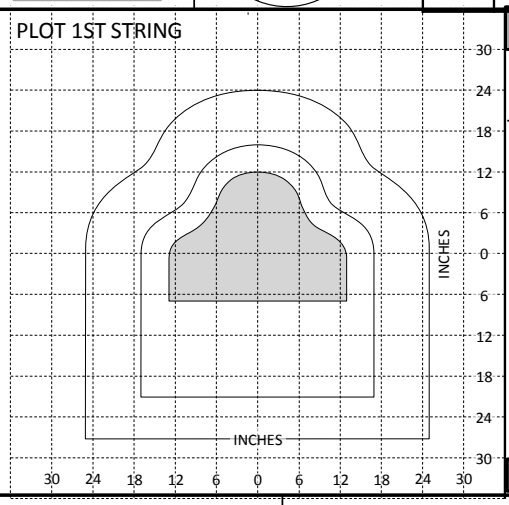
ZERO + WIND = HOLD



HOLDS IN INCHES

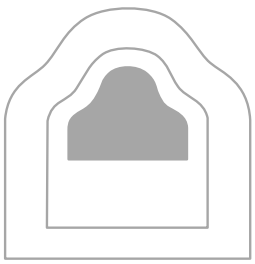
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



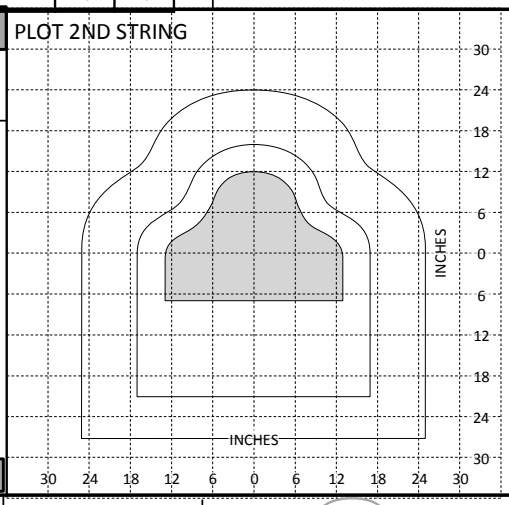
DURING FIRING

2ND STRING SIGHT PICTURE

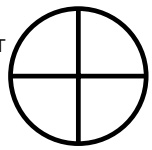


REMARKS

PLOT 2ND STRING

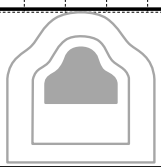


LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



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

ZERO + WIND = HOLD

4

HOLDS IN INCHES

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

NO, HALF, HALF, FULL, FULL, HALF, HALF, NO

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

	11	12	13	14	15
CALL					
HOLD					

PLOT

INCHES: 30, 20, 10, 0, 10, 20, 30

INCHES: 30, 20, 10, 0, 10, 20, 30

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

4

HOLDS IN INCHES

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

NO, HALF, HALF, FULL, FULL, HALF, HALF, NO

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

	11	12	13	14	15
CALL					
HOLD					

PLOT

INCHES: 30, 20, 10, 0, 10, 20, 30

INCHES: 30, 20, 10, 0, 10, 20, 30

REMARKS

WEATHER DATA

LIGHT TYPE AND DIRECTION

☐ CLEAR ☐ OVERCAST

☐ PARTLY CLOUDY

PRECIP

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

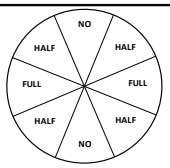
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

35

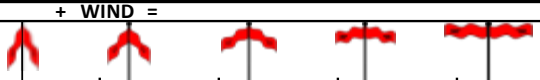
200 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY TWO

ZERO



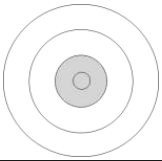
+ WIND =

HOLDS IN INCHES



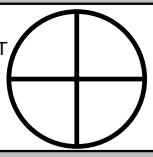
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



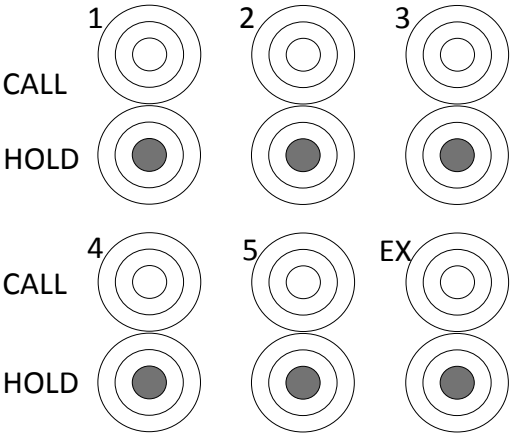
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

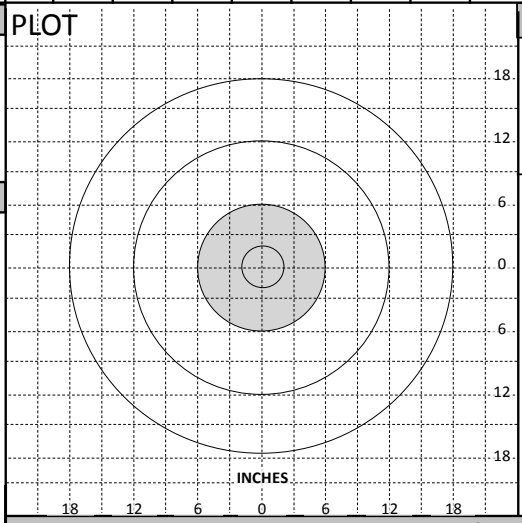


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



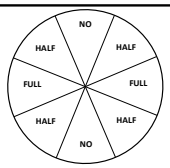
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY TWO

ZERO



+ WIND =

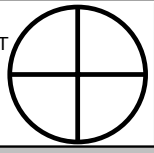
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

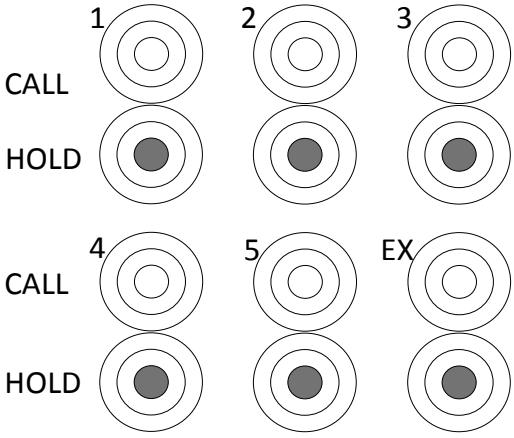
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

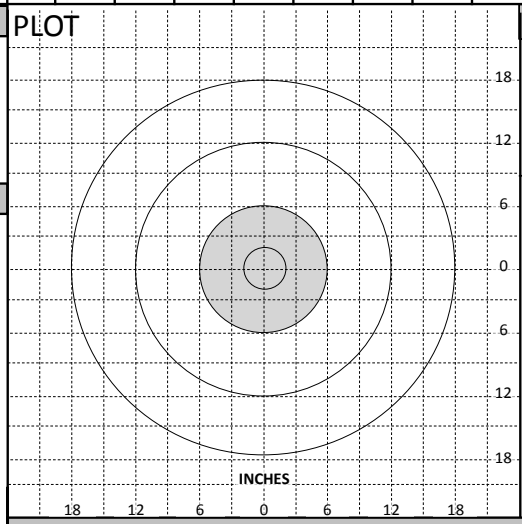


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

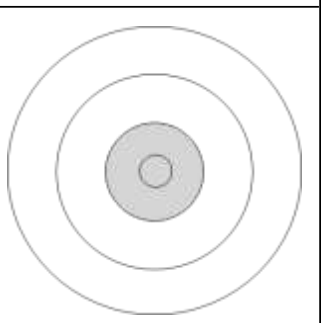


PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

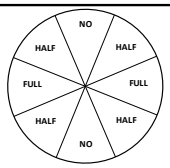


REMARKS

36

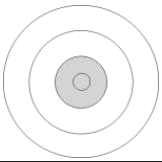
200 YARD SLOW-FIRE KNEELING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



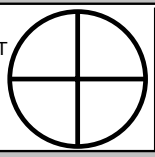
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



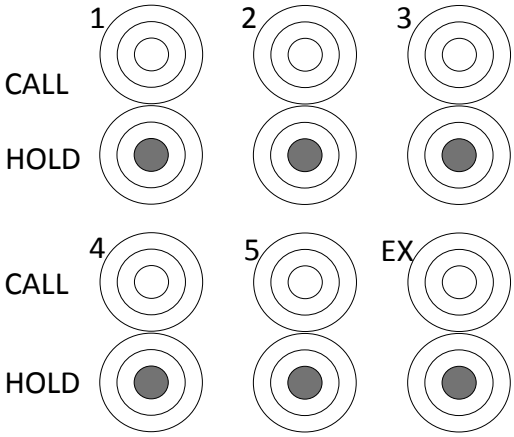
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

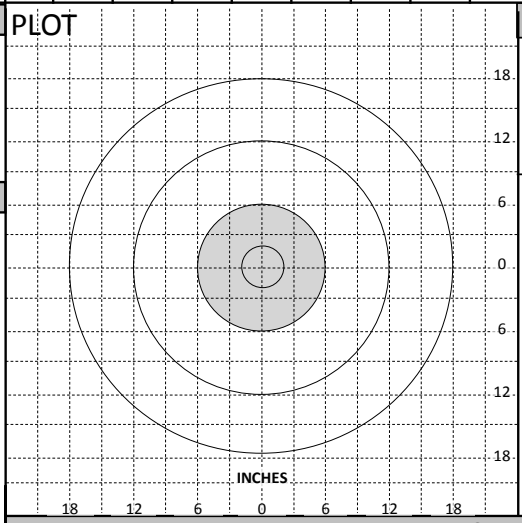


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



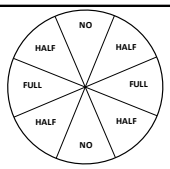
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE KNEELING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD

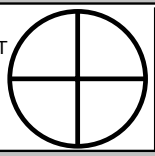


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

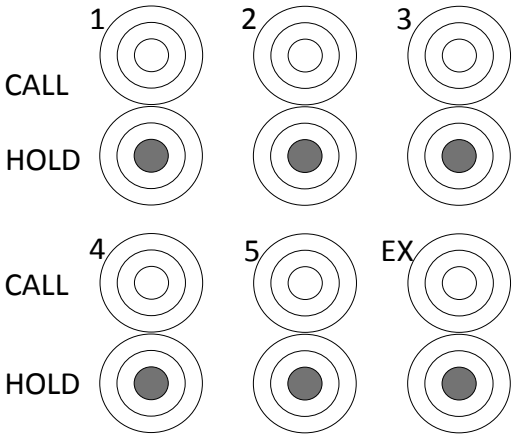
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

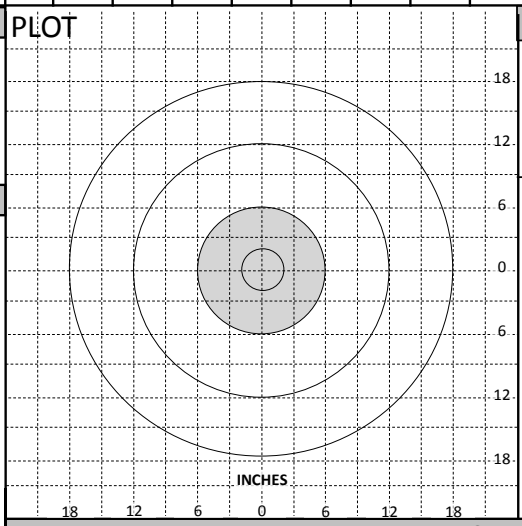


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



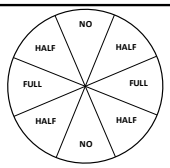
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

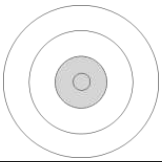
200 YARD SLOW-FIRE STANDING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



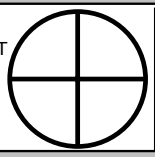
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



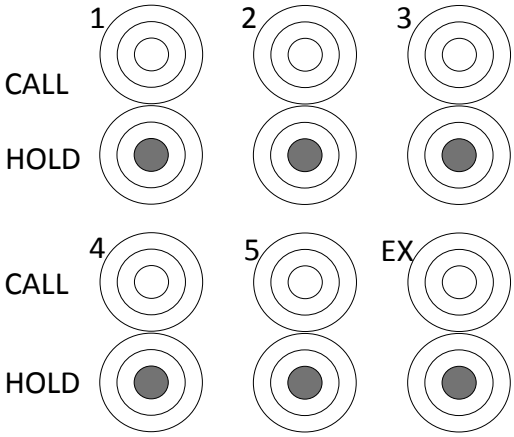
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

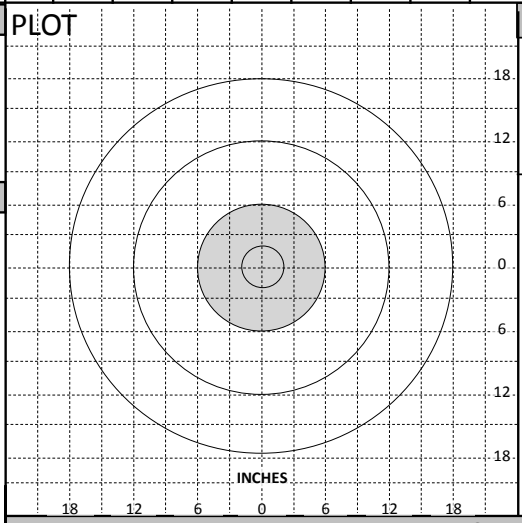


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



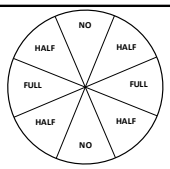
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE STANDING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD

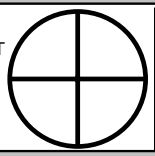


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

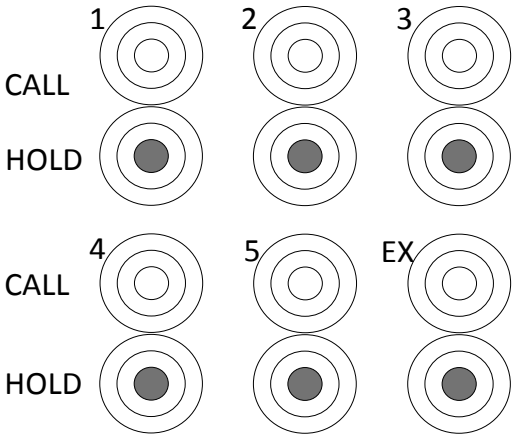
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

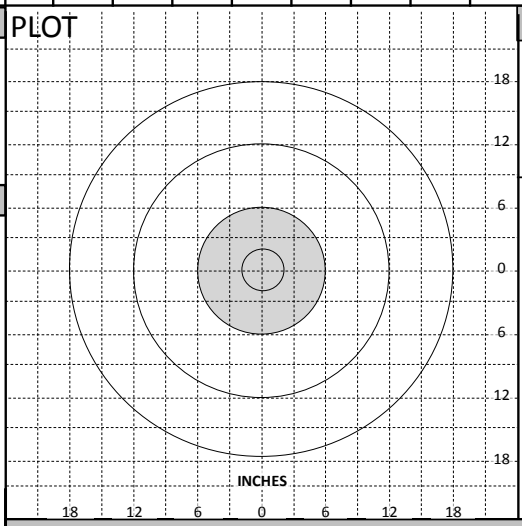


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



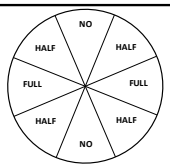
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

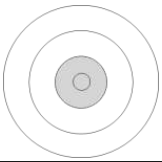
200 YARD SLOW-FIRE ANY POSITION — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



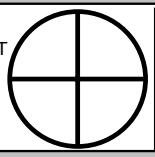
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



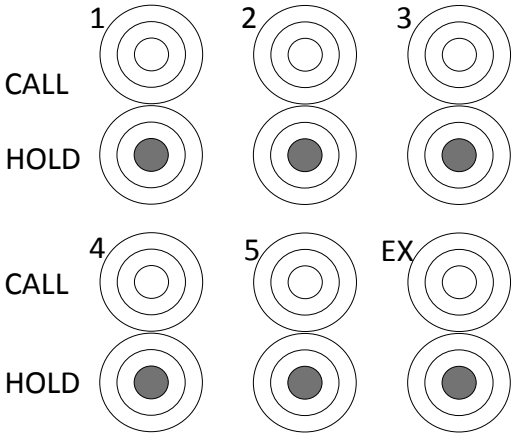
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

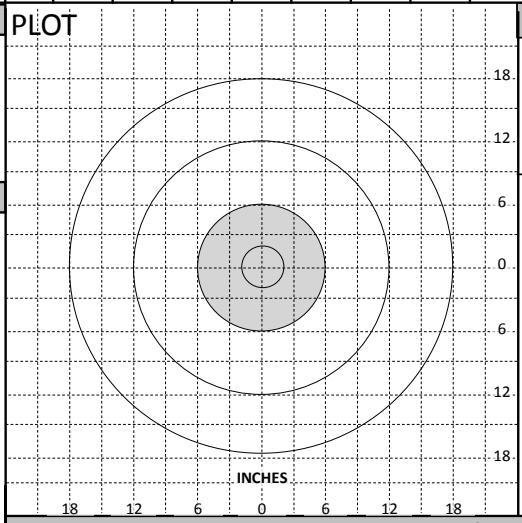


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



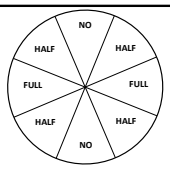
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

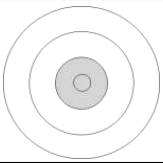
200 YARD SLOW-FIRE ANY POSITION — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



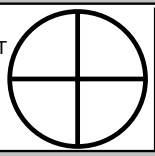
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



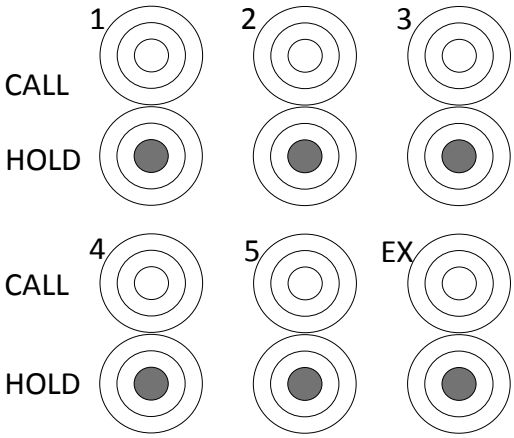
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

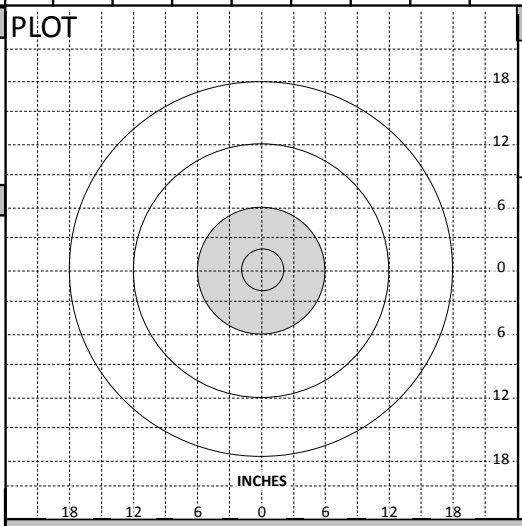


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



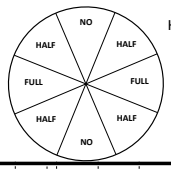
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY TWO

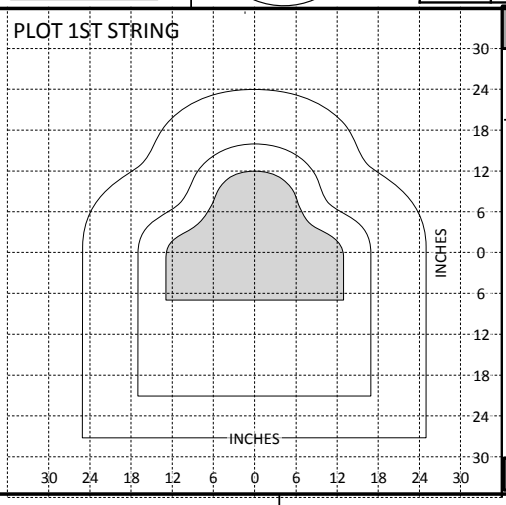
ZERO + WIND = HOLD



HOLDS IN INCHES

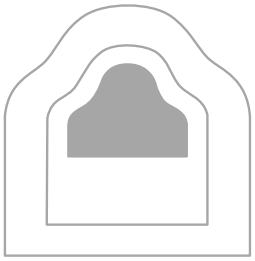
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



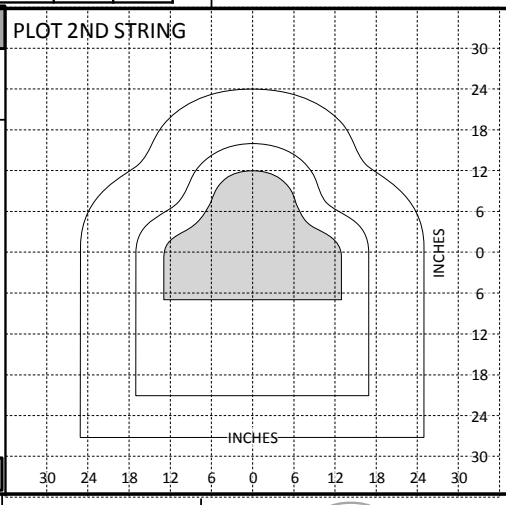
DURING FIRING

2ND STRING HOLD

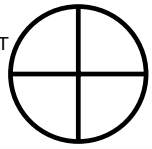


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

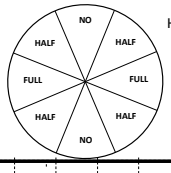


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY TWO

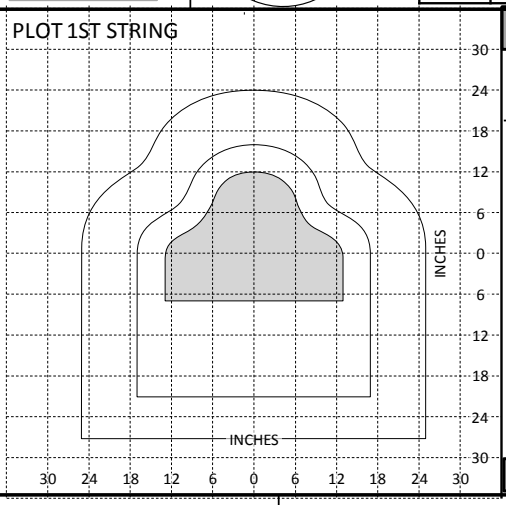
ZERO + WIND = HOLD



HOLDS IN INCHES

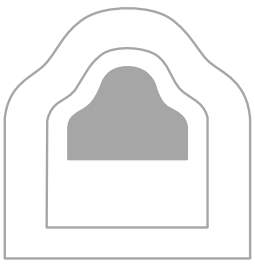
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



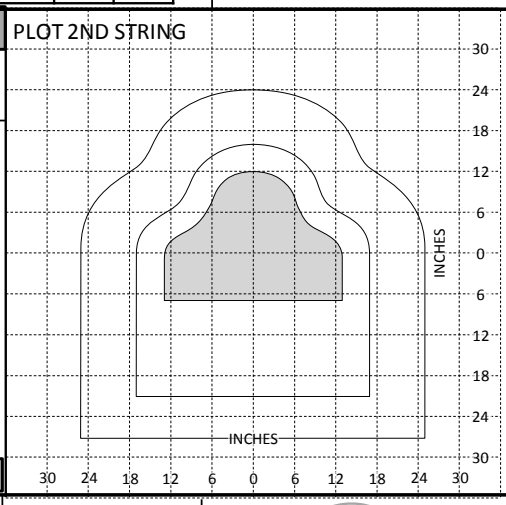
DURING FIRING

2ND STRING HOLD

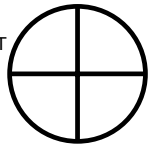


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

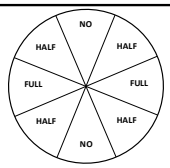


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD

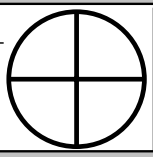


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

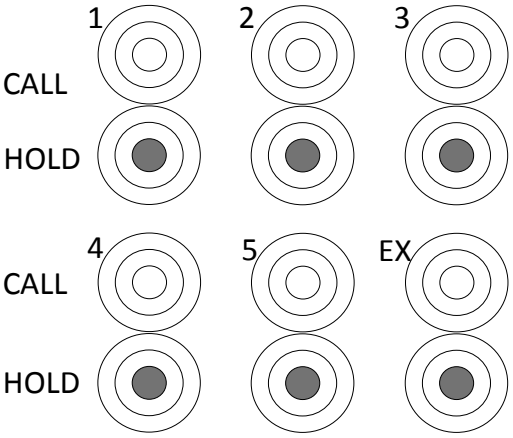
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

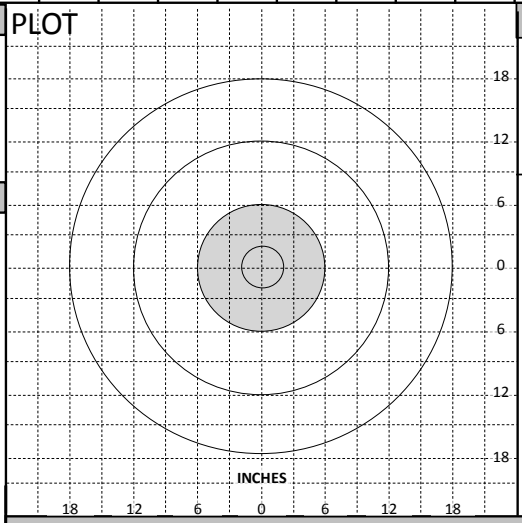


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



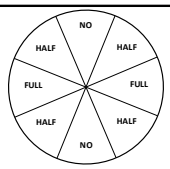
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

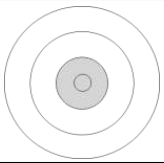
300 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



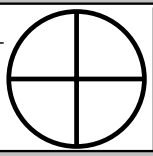
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16



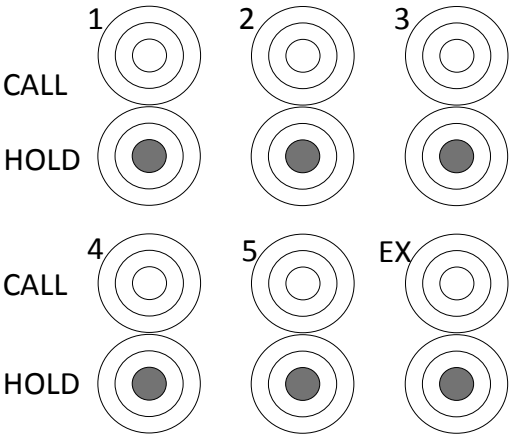
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

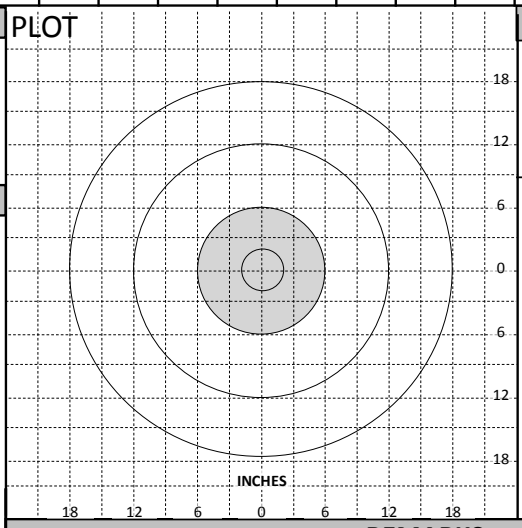


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



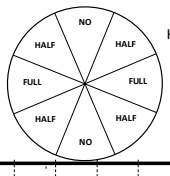
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY TWO

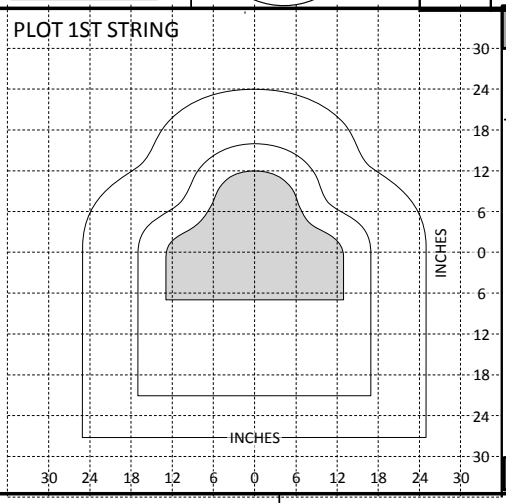
ZERO + WIND = HOLD



HOLDS IN INCHES

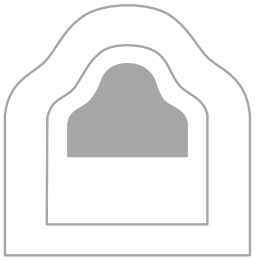
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



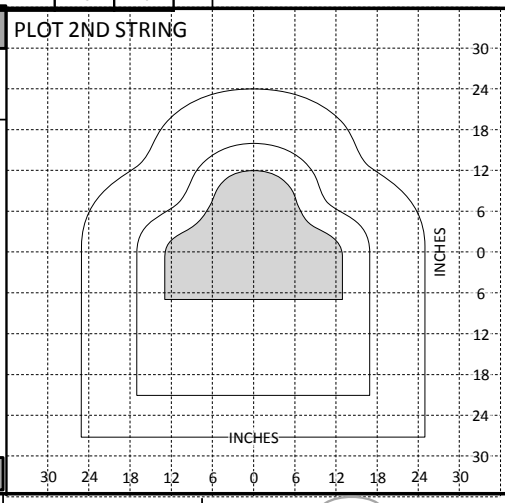
DURING FIRING

2ND STRING SIGHT PICTURE

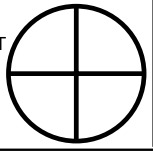


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

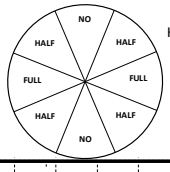


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY TWO

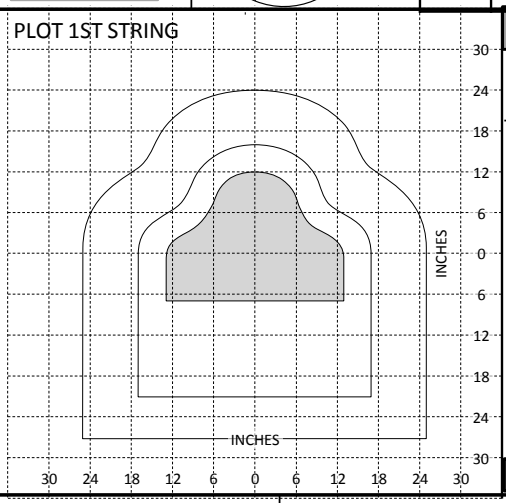
ZERO + WIND = HOLD



HOLDS IN INCHES

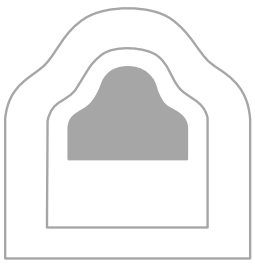
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



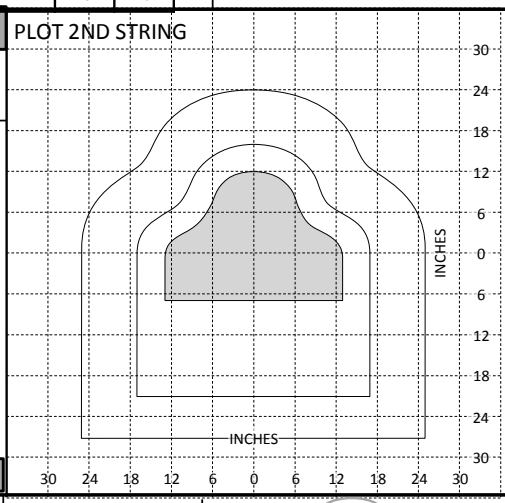
DURING FIRING

2ND STRING SIGHT PICTURE

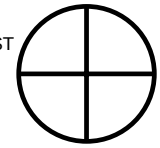


REMARKS

PLOT 2ND STRING



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

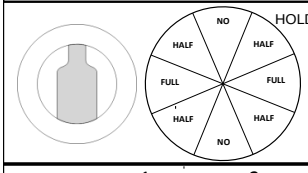


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



HOLDS IN INCHES

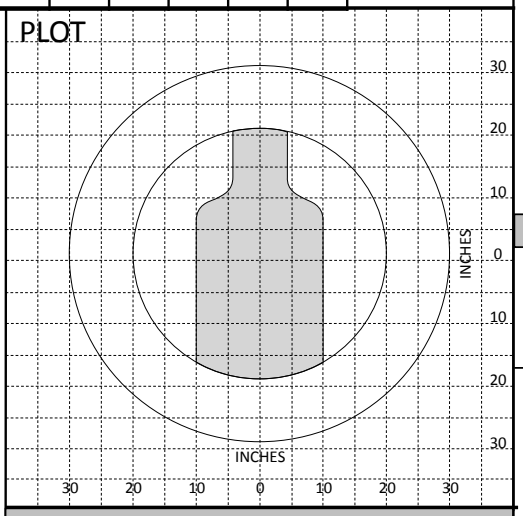
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

	11	12	13	14	15
CALL					
HOLD					

PLOT



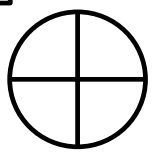
REMARKS

WEATHER DATA

LIGHT TYPE AND DIRECTION

☐ CLEAR ☐ OVERCAST

☐ PARTLY CLOUDY



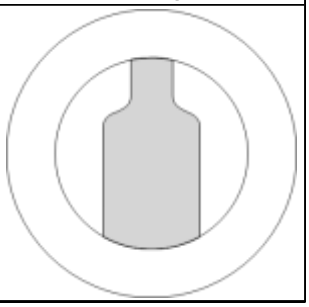
PRECIP

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

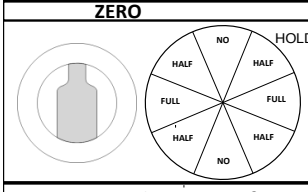
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



500 YARD SLOW-FIRE PRONE — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD



HOLDS IN INCHES

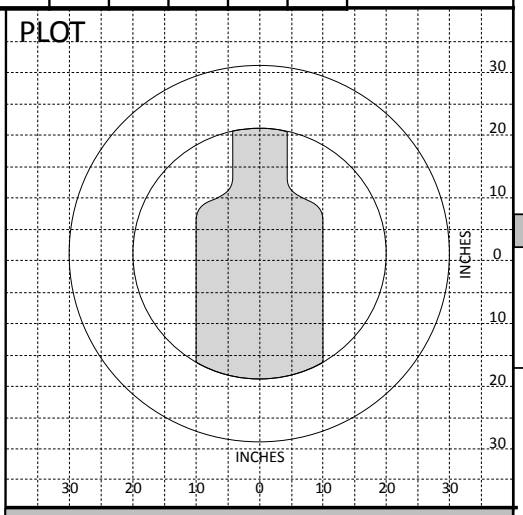
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

	1	2	3	4	5
CALL					
HOLD					

	6	7	8	9	10
CALL					
HOLD					

	11	12	13	14	15
CALL					
HOLD					

PLOT



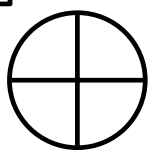
REMARKS

WEATHER DATA

LIGHT TYPE AND DIRECTION

☐ CLEAR ☐ OVERCAST

☐ PARTLY CLOUDY



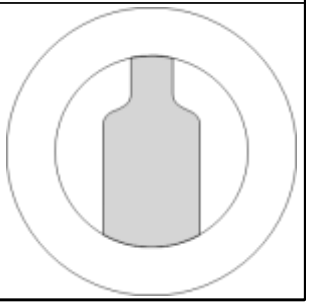
PRECIP

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

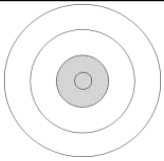
AFTER FIRING

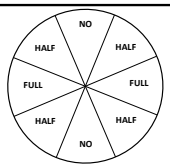
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



200 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

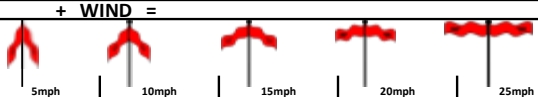
ZERO





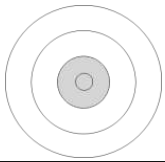
+ WIND =

HOLDS IN INCHES



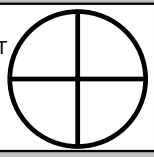
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



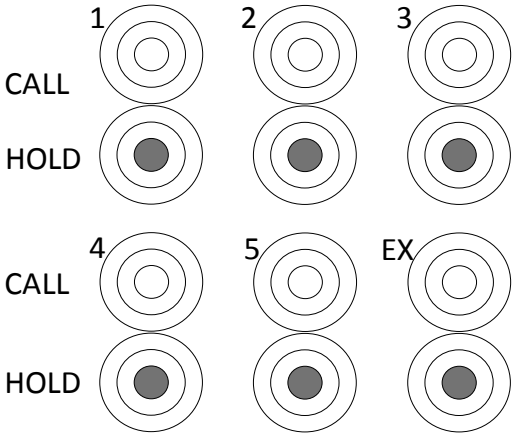
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

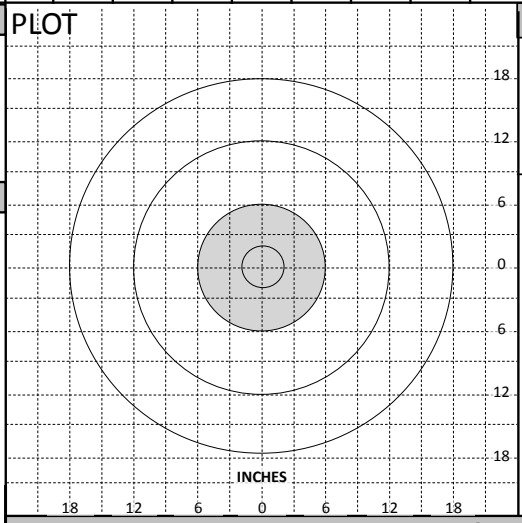


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



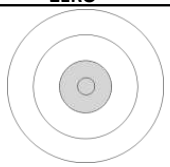
AFTER FIRING

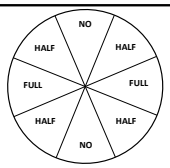
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

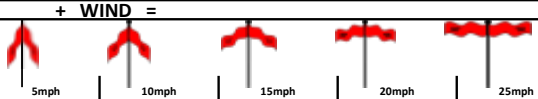
ZERO





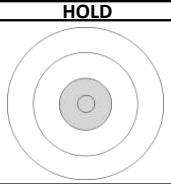
+ WIND =

HOLDS IN INCHES



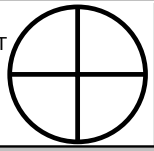
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



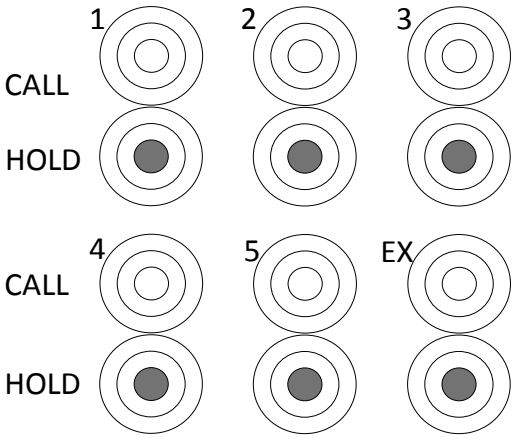
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

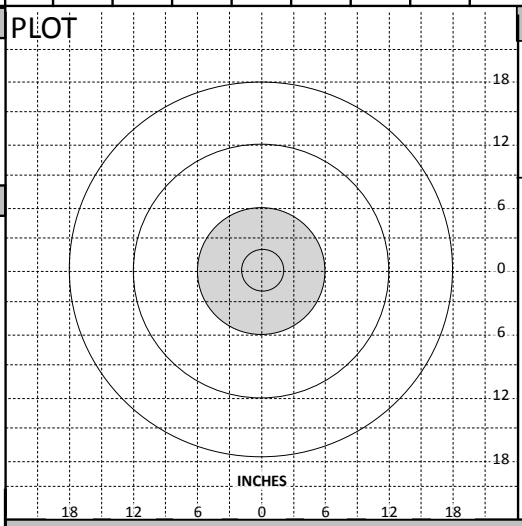


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

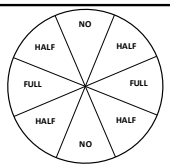
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

44

200 YARD SLOW-FIRE KNEELING — BEFORE FIRING — DAY THREE EVALUATION

ZERO



+ WIND =

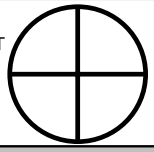
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

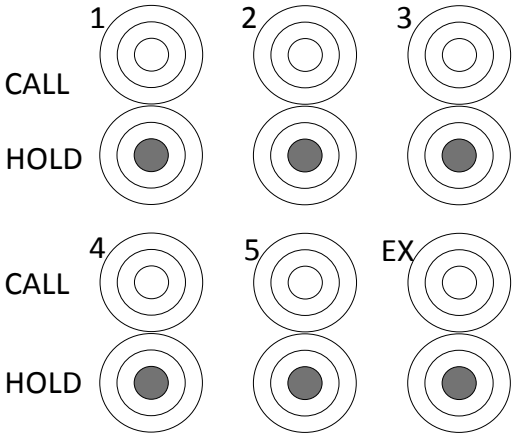
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

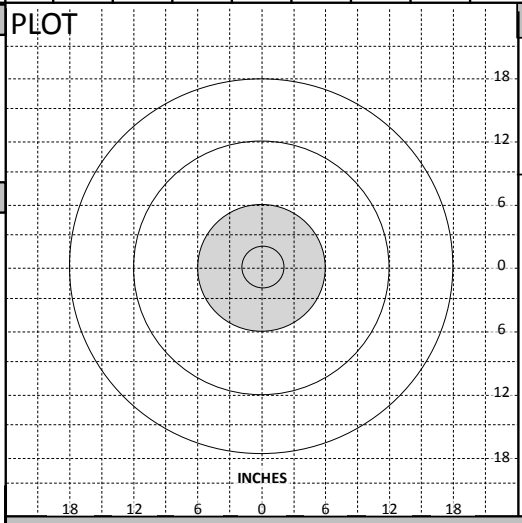


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



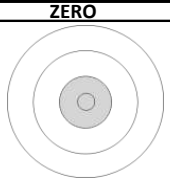
AFTER FIRING

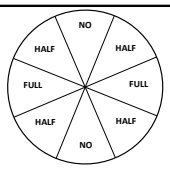
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE KNEELING — BEFORE FIRING — DAY THREE EVALUATION

ZERO



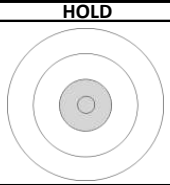


+ WIND =

HOLDS IN INCHES

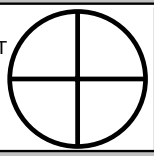
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



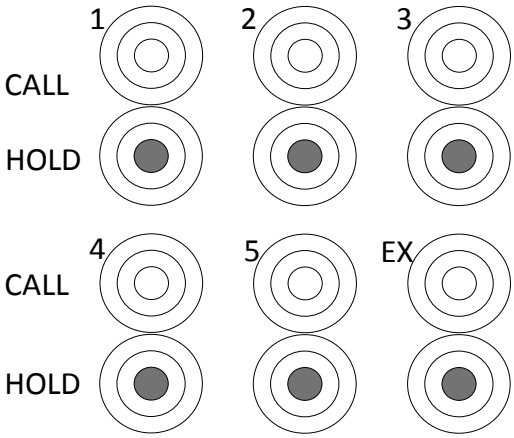
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

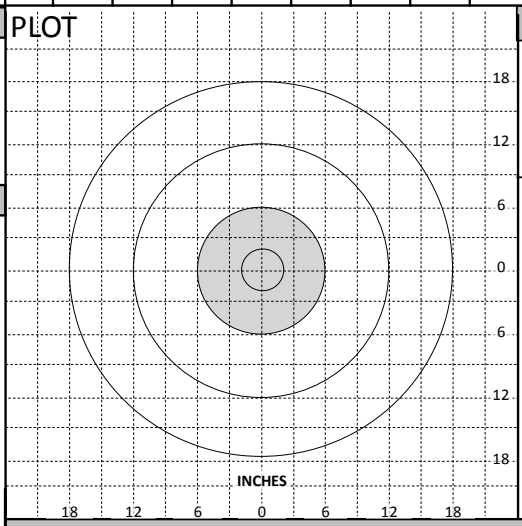


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

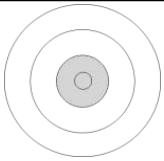
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

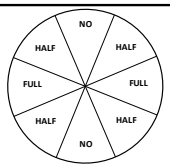
REMARKS

45

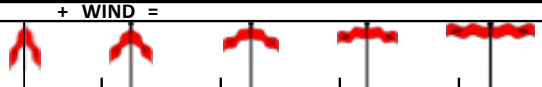
200 YARD SLOW-FIRE STANDING — BEFORE FIRING — DAY THREE EVALUATION

ZERO + WIND = HOLD

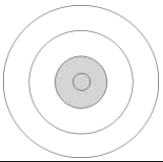




HOLDS IN INCHES

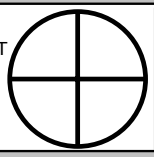


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



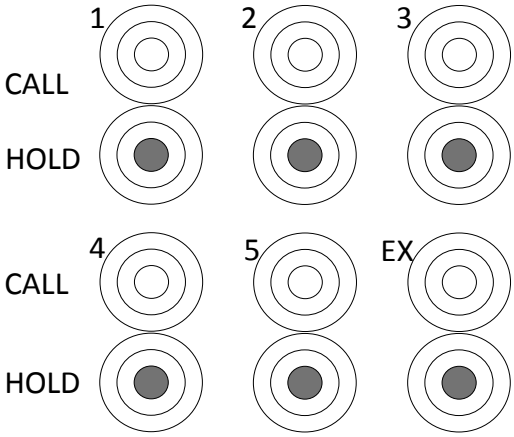
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

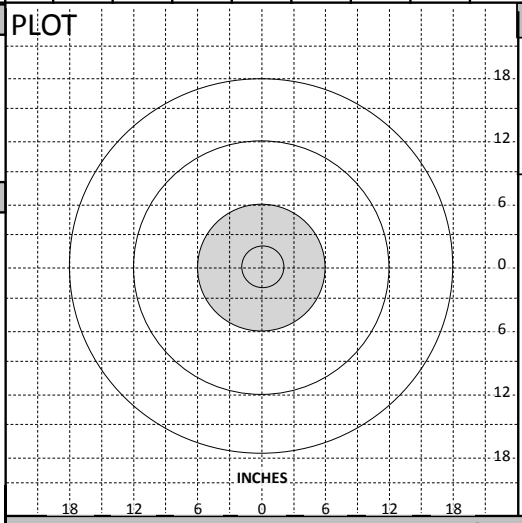


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



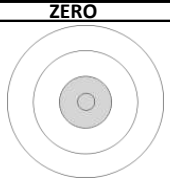
AFTER FIRING

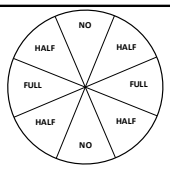
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE STANDING — BEFORE FIRING — DAY THREE EVALUATION

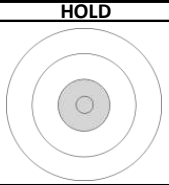
ZERO + WIND = HOLD





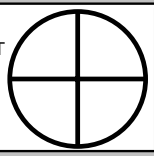
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



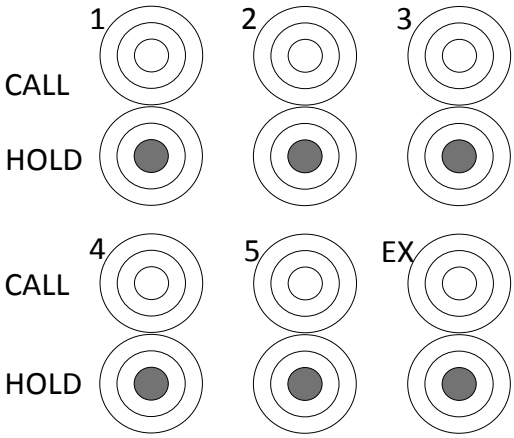
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

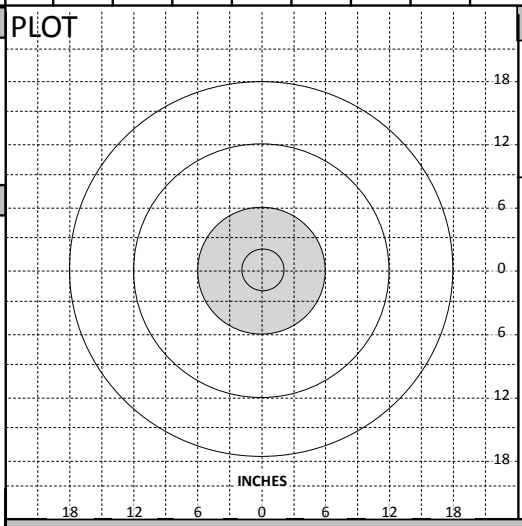


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

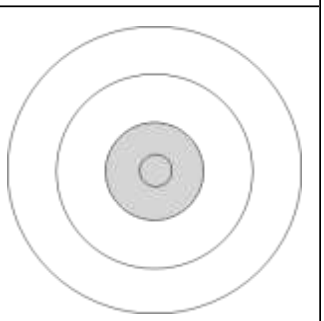


PLOT



AFTER FIRING

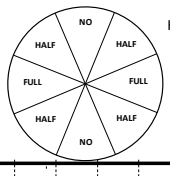
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)



REMARKS

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

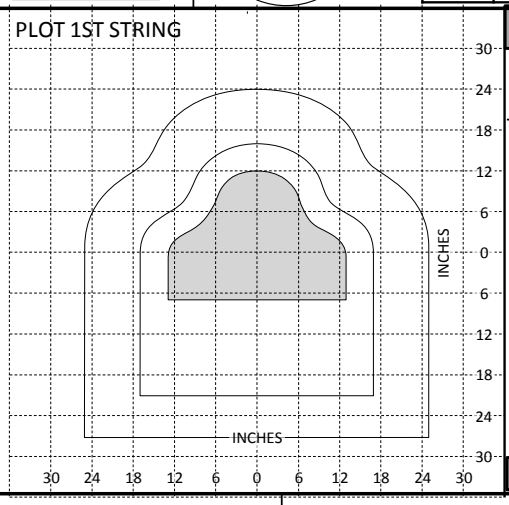
ZERO + WIND = HOLD



HOLDS IN INCHES

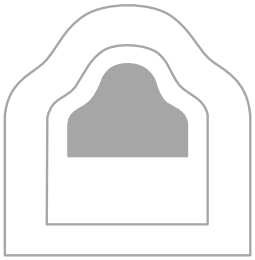
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



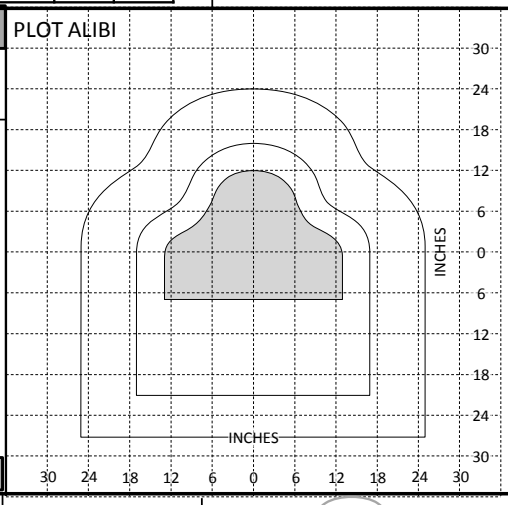
DURING FIRING

ALIBI HOLD

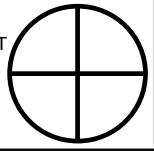


REMARKS

PLOT ALIBI



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

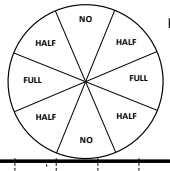


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

200 YARD RAPID-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

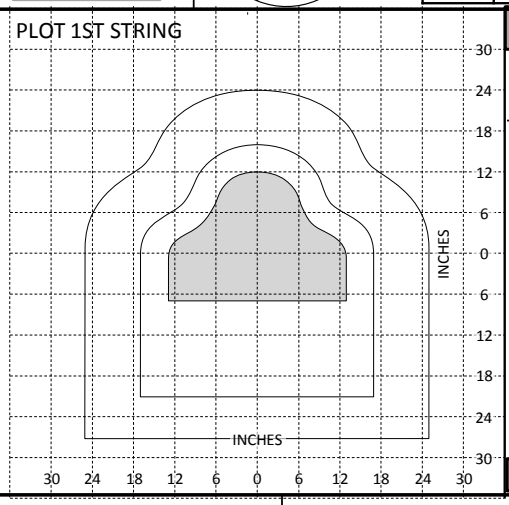
ZERO + WIND = HOLD



HOLDS IN INCHES

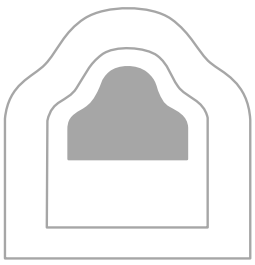
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

PLOT 1ST STRING



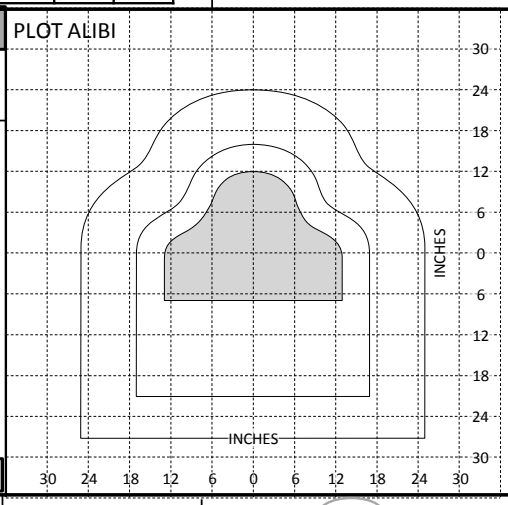
DURING FIRING

ALIBI HOLD

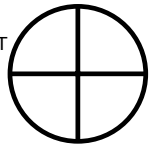


REMARKS

PLOT ALIBI



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

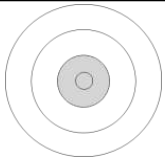


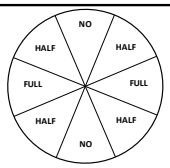
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

ZERO



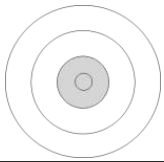


+ WIND =

HOLDS IN INCHES

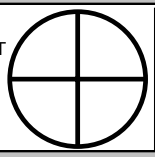
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

HOLD



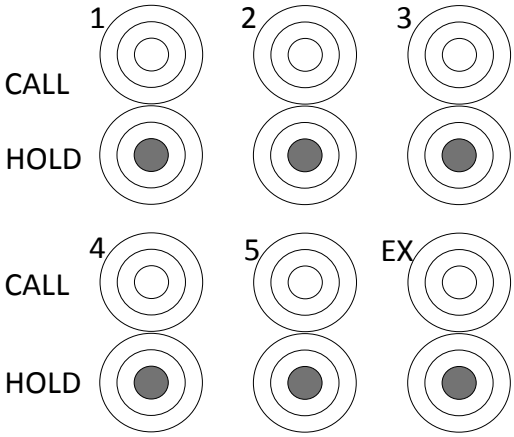
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

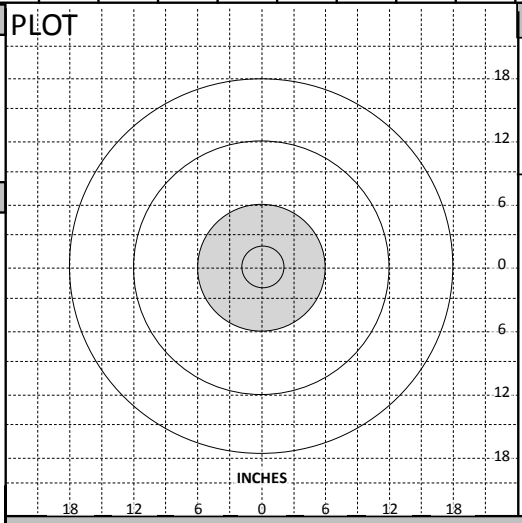


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



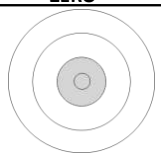
AFTER FIRING

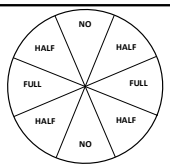
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

300 YARD SLOW-FIRE SITTING — BEFORE FIRING — DAY THREE EVALUATION

ZERO



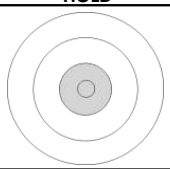


+ WIND =

HOLDS IN INCHES

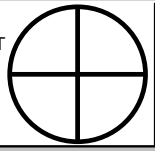
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

HOLD



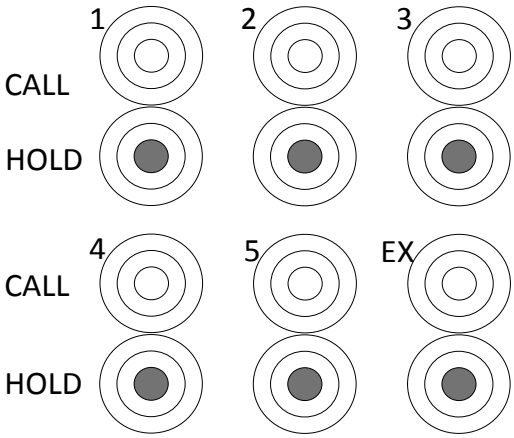
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

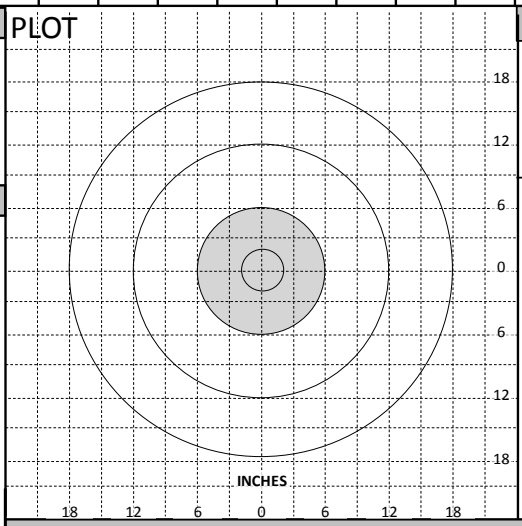


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING



PLOT



AFTER FIRING

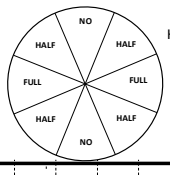
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

48

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY THREE EVALUATION

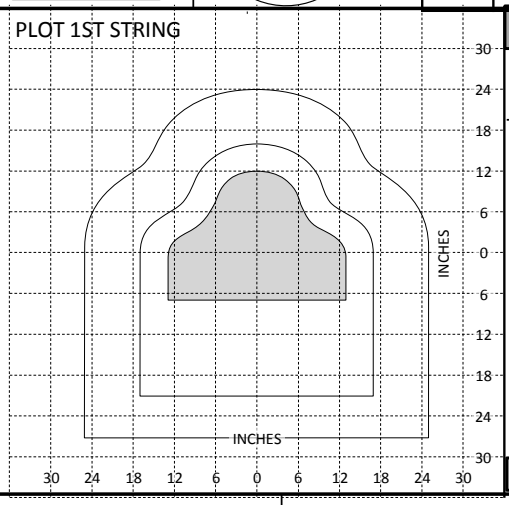
ZERO + WIND = HOLD



HOLDS IN INCHES

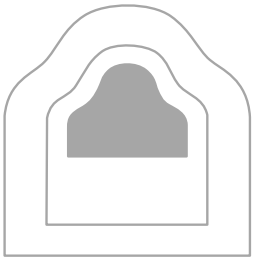
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



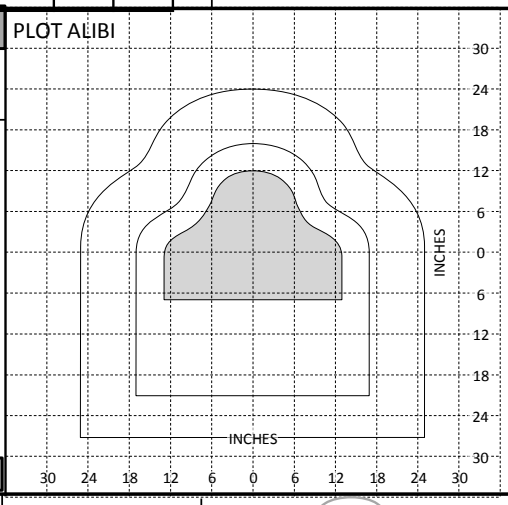
DURING FIRING

ALIBI HOLD

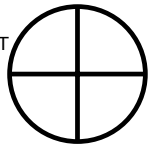


REMARKS

PLOT ALIBI



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

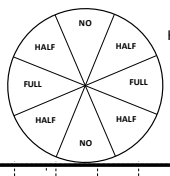


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD RAPID-FIRE PRONE — BEFORE FIRING — DAY THREE EVALUATION

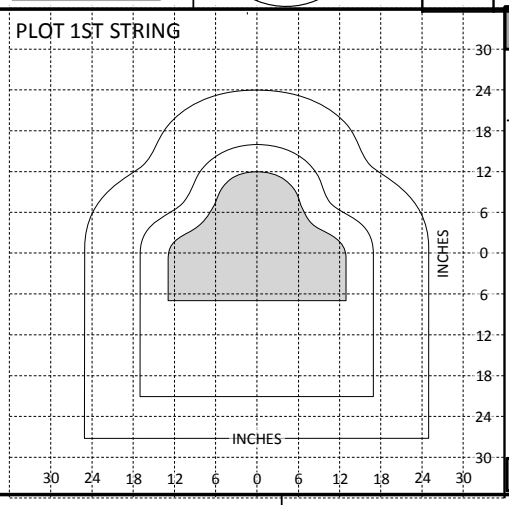
ZERO + WIND = HOLD



HOLDS IN INCHES

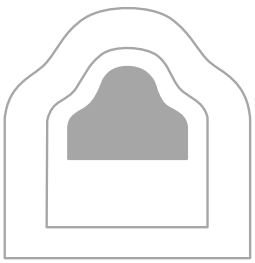
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

PLOT 1ST STRING



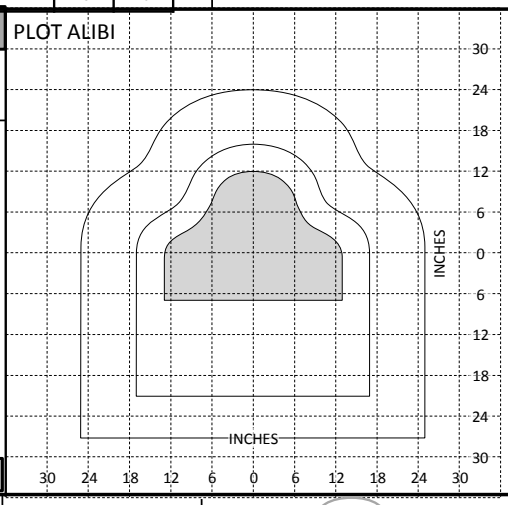
DURING FIRING

ALIBI HOLD

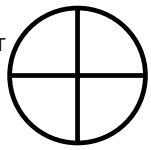


REMARKS

PLOT ALIBI



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

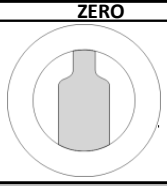


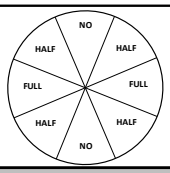
PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — DAY THREE EVALUATION

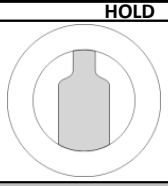
ZERO + WIND = HOLD





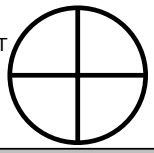
HOLDS IN INCHES

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



WEATHER DATA

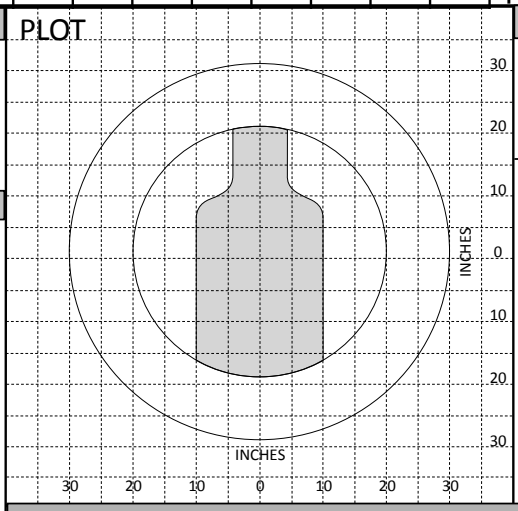
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

	1	2	3	4	5
CALL					
HOLD					
	6	7	8	9	10
CALL					
HOLD					

PLOT



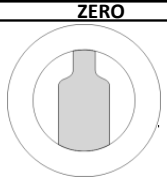
AFTER FIRING

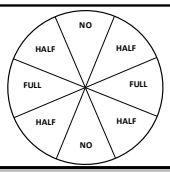
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

500 YARD SLOW-FIRE PRONE — BEFORE FIRING — DAY THREE EVALUATION

ZERO + WIND = HOLD





HOLDS IN INCHES

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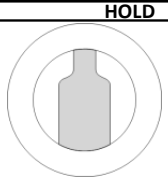
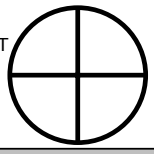
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50



WEATHER DATA

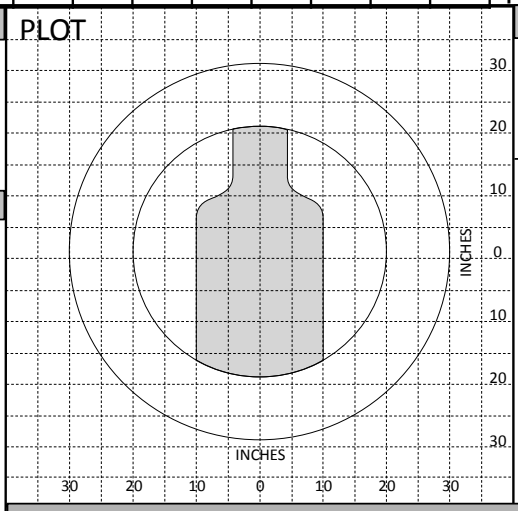
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

	1	2	3	4	5
CALL					
HOLD					
	6	7	8	9	10
CALL					
HOLD					

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

TABLE 2

SHOT DELIVERY

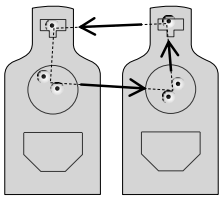
CONTROLLED PAIR	Two shots in quick succession to the torso with a separate sight picture for each shot. A Controlled Pair is an immediate target engagement technique for targets greater than 15 yards.
FAILURE TO STOP	This is a controlled pair to the torso followed by an additional shot to an alternate aiming point ("T-Box" or Pelvic Girdle).
"BOX DRILL" 	A method of engaging multiple targets: 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. This is referred to as a box drill due to its square method of shot placement.

TABLE 2

SHOT DELIVERY

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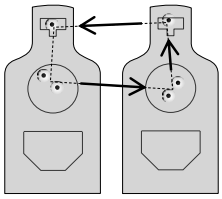
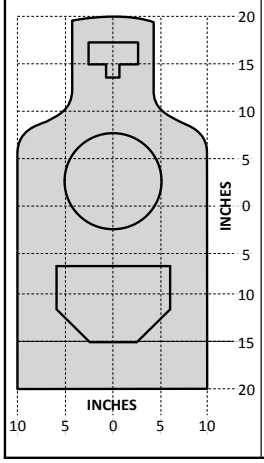
"BOX DRILL" 	A method of engaging multiple targets: 1) Start with the greatest threat and fire a pair to the torso. Utilize the recoil of the last shot and present your weapon to the next target and fire another pair. 2) Assess the same target. Then, if required, engage an alternate aim point. 3) Utilize 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. This is referred to as a box drill due to its square method of shot placement.

51

TABLE 2 TARGETS

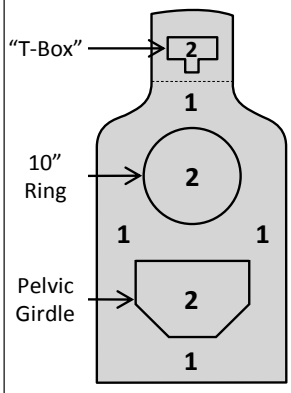
DIMENSIONS

"ECHO-MODIFIED" TARGET

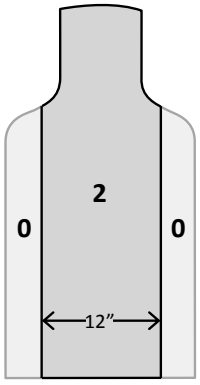


SCORING AREAS

STATIONARY TARGET



MOVING TARGET



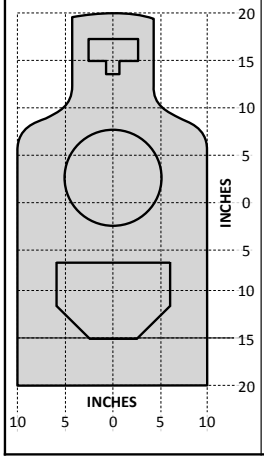
AIMING POINTS

"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

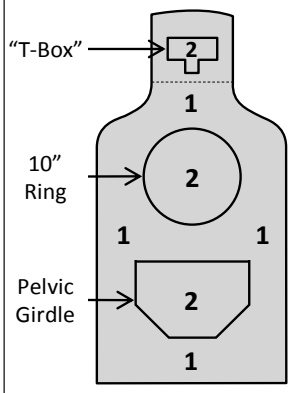
DIMENSIONS

"ECHO-MODIFIED" TARGET

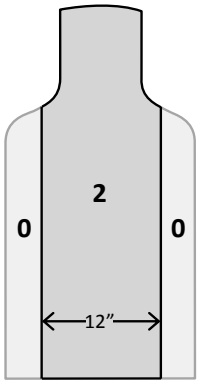


SCORING AREAS

STATIONARY TARGET



MOVING TARGET



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52

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

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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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

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

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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
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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

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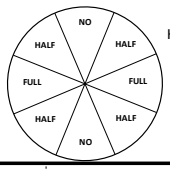
300 YARD ZERO PRONE — BEFORE FIRING — TABLE 2

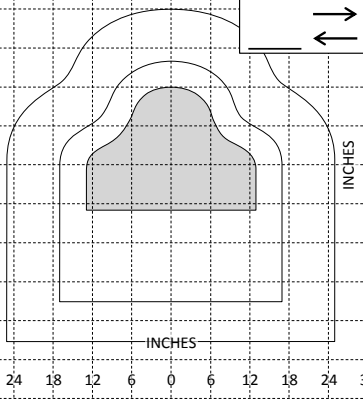
ZERO + WIND = HOLD



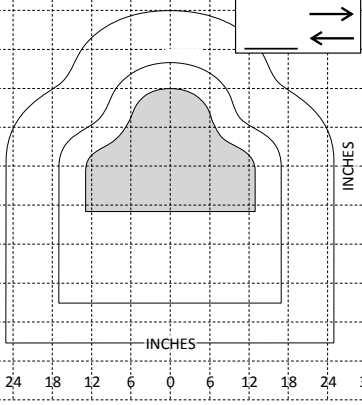
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

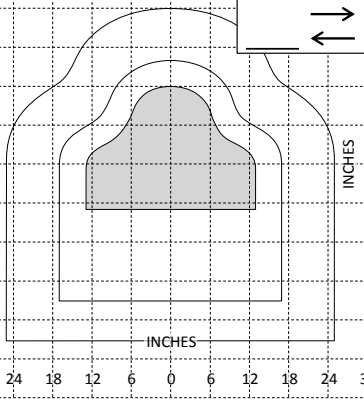
PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



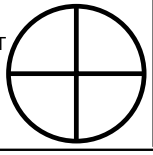
PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

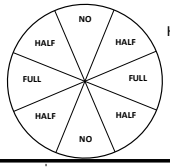


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

300 YARD ZERO PRONE — BEFORE FIRING — TABLE 2

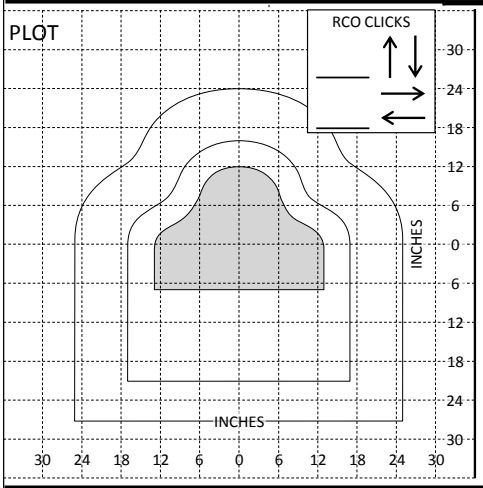
ZERO + WIND = HOLD



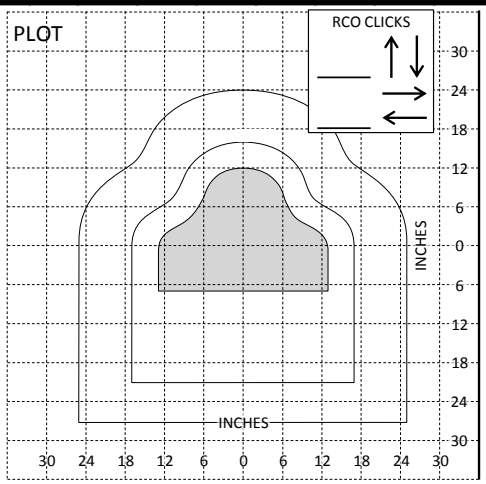
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	16	22	25	27	32
HALF	2	3	5	6	8	8	11	12	13	16

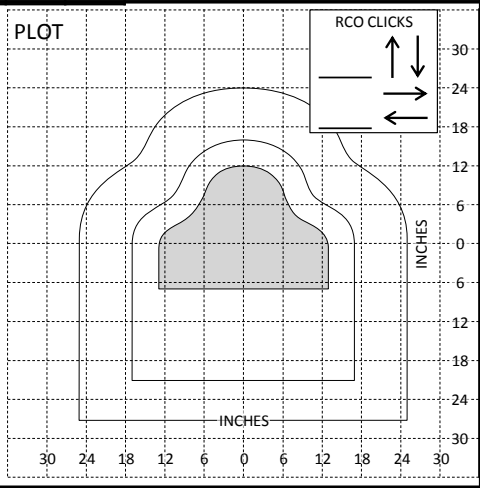
PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



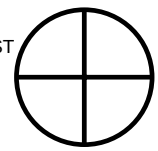
PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



PLOT — RCO CLICKS ↑ ↓ ___ → ___ ← ___



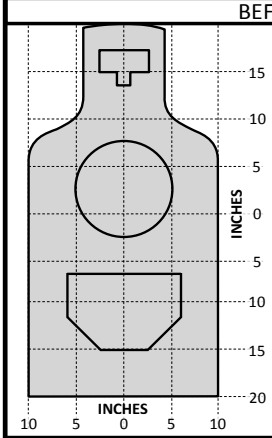
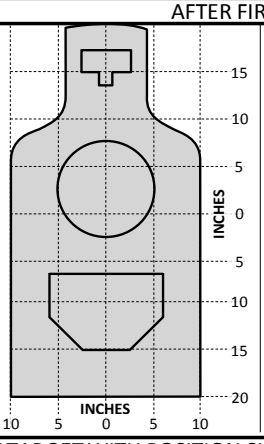
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

TABLE 2 - STATIONARY

BEFORE FIRING HOLD	Remarks	AFTER FIRING CORRECTED HOLD	Remarks
			

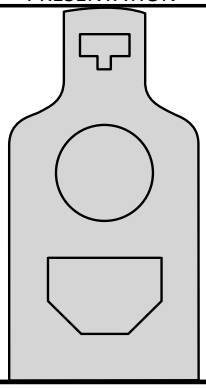
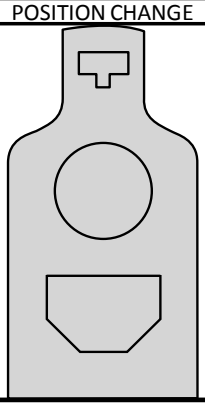
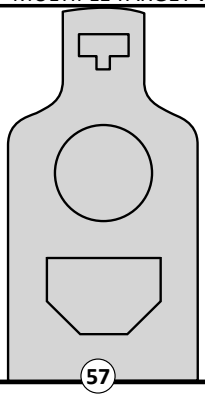
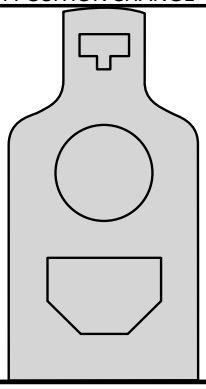
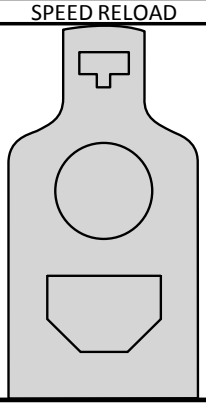
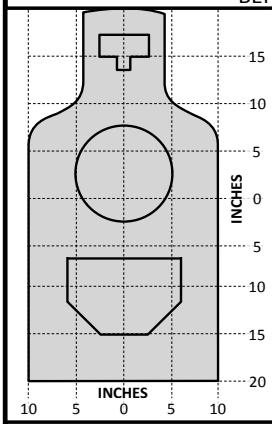
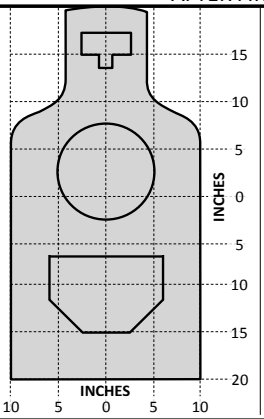
PRESENTATION	POSITION CHANGE	MULTIPLE TARGET WITH POSITION CHANGE		SPEED RELOAD
				

TABLE 2 - STATIONARY

BEFORE FIRING HOLD	Remarks	AFTER FIRING CORRECTED HOLD	Remarks
			

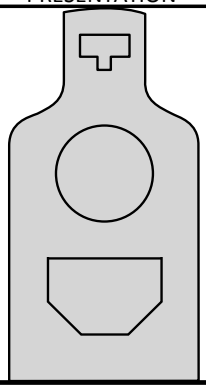
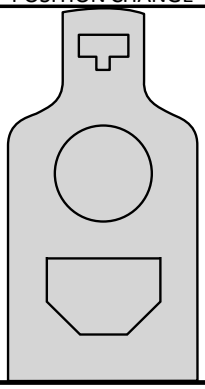
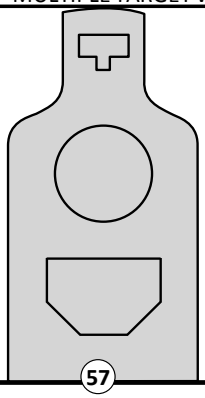
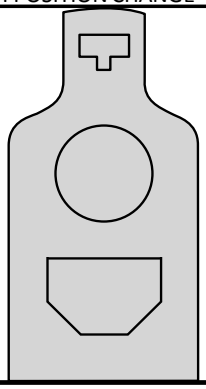
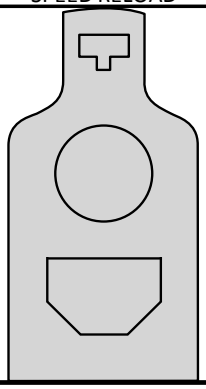
PRESENTATION	POSITION CHANGE	MULTIPLE TARGET WITH POSITION CHANGE		SPEED RELOAD
				

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TABLE 2 - MOVING

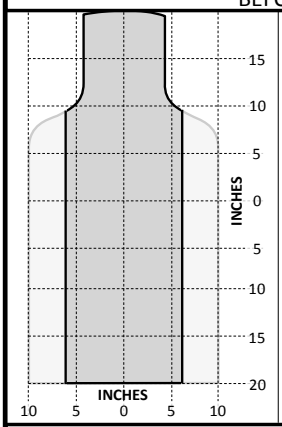
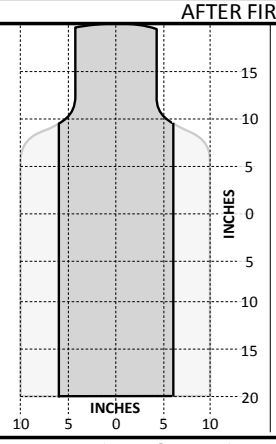
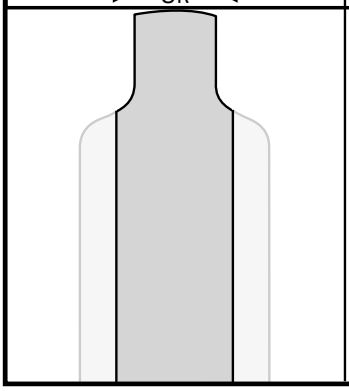
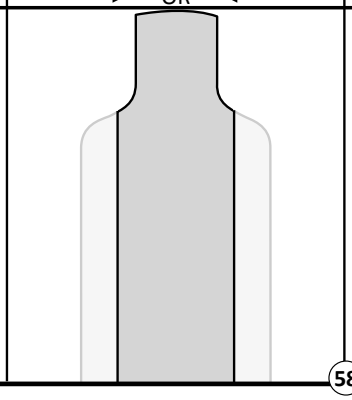
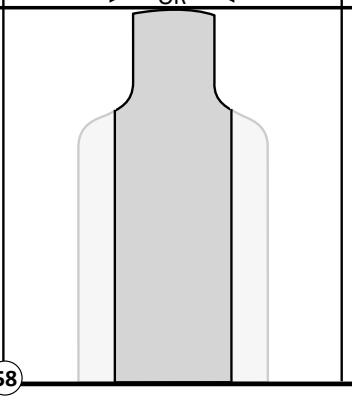
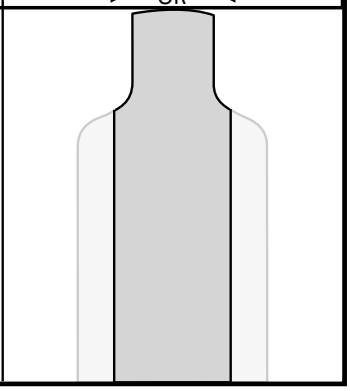
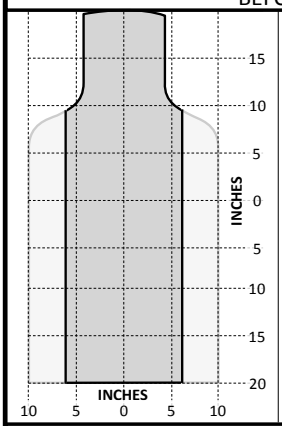
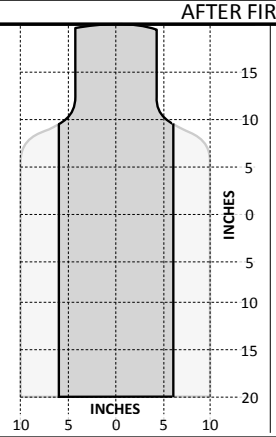
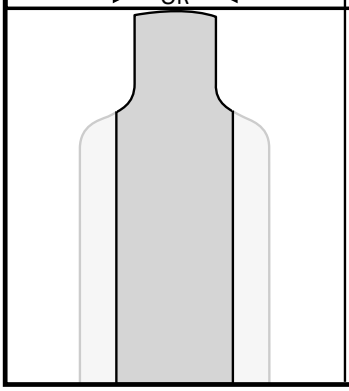
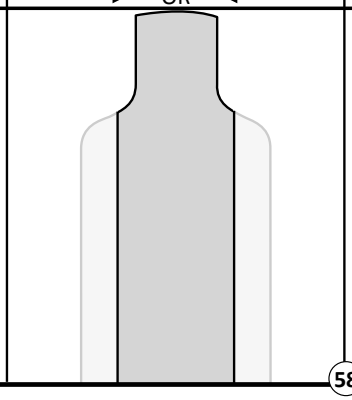
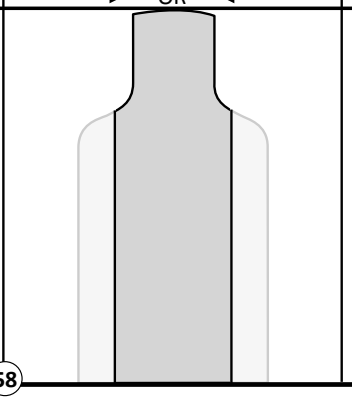
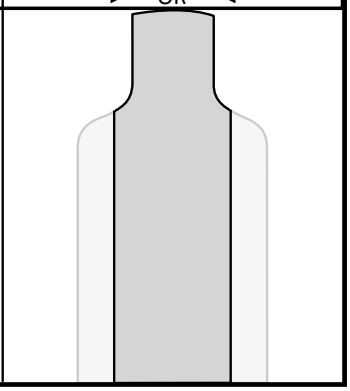
BEFORE FIRING HOLD		AFTER FIRING CORRECTED HOLD	
	Remarks		Remarks
→ OR ←	→ OR ←	→ OR ←	→ OR ←
			

TABLE 2 - MOVING

BEFORE FIRING HOLD		AFTER FIRING CORRECTED HOLD	
	Remarks		Remarks
→ OR ←	→ OR ←	→ OR ←	→ OR ←
			

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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

SCORING

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

Aggregate Score

305-350 = EXPERT

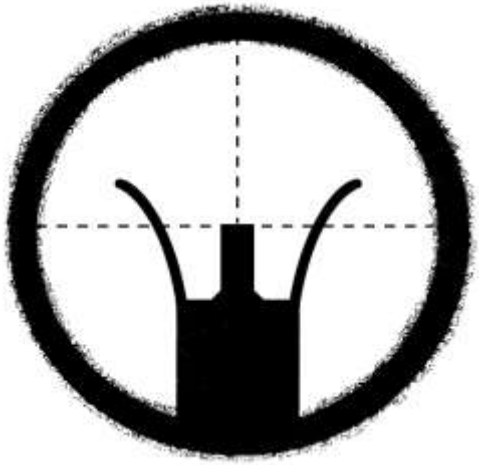
280-304 = SHARPSHOOTER

250-279 = MARKSMAN

59

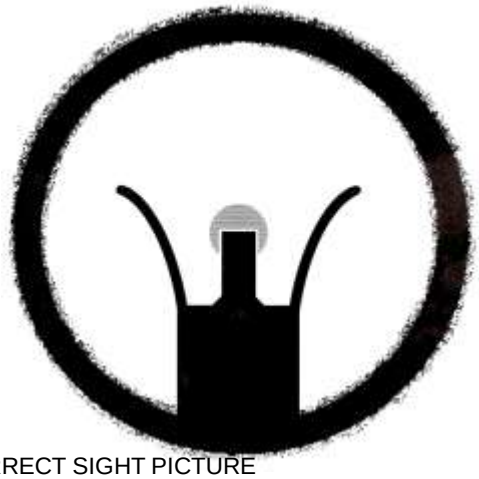
AIMING

CORRECT SIGHT ALIGNMENT



CORRECT SIGHT ALIGNMENT
The tip of the front sight post centered both vertically and horizontally in the rear sight aperture.

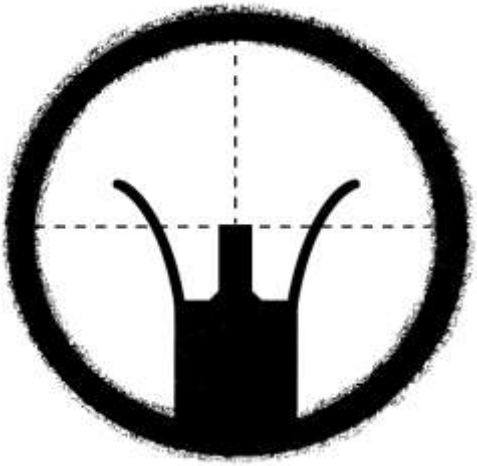
CORRECT SIGHT PICTURE



CORRECT SIGHT PICTURE
The placement of the tip of the front sight in the center of the target while maintaining correct sight alignment.

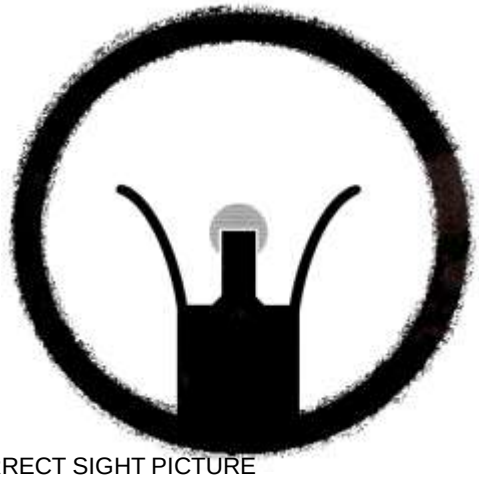
AIMING

CORRECT SIGHT ALIGNMENT



CORRECT SIGHT ALIGNMENT
The tip of the front sight post centered both vertically and horizontally in the rear sight aperture.

CORRECT SIGHT PICTURE



CORRECT SIGHT PICTURE
The placement of the tip of the front sight in the center of the target while maintaining correct sight alignment.

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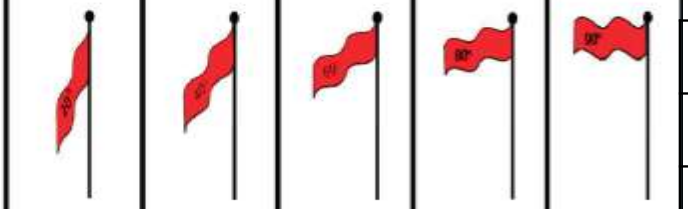
BUIS WINDAGE/ELEVATION RULES AND ADJUSTMENTS (clicks) M16A4

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.



RANGE (yards)	WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE	
	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF
200	2	1	3	1	5	2	6	3	8	4
300	3	1	6	3	10	5	13	6	16	8
500	6	3	12	6	18	9	24	12	30	15

One (1) click adjustment moves strike of round at 100 yards/meters:

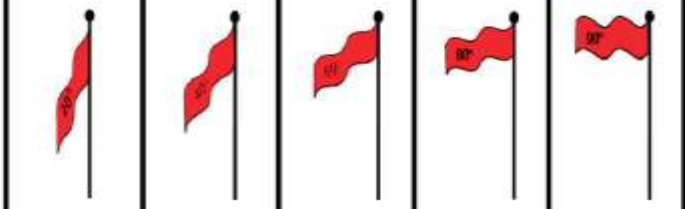
Front Sight Post	1 3/8 INCHES
BUIS Elevation Drum	5/8 INCH
BUIS Windage Knob	1/2 INCH

BUIS Windage Knob

Front Sight Post

BUIS WINDAGE/ELEVATION RULES AND ADJUSTMENTS (clicks) M16A4

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.



RANGE (yards)	WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE	
	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF
200	2	1	3	1	5	2	6	3	8	4
300	3	1	6	3	10	5	13	6	16	8
500	6	3	12	6	18	9	24	12	30	15

One (1) click adjustment moves strike of round at 100 yards/meters:

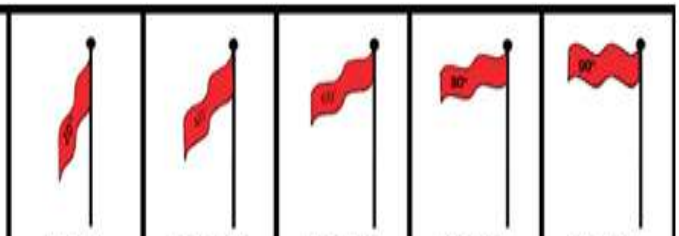
Front Sight Post	1 3/8 INCHES
BUIS Elevation Drum	5/8 INCH
BUIS Windage Knob	1/2 INCH

BUIS Windage Knob

Front Sight Post

BUIS WINDAGE/ELEVATION RULES AND ADJUSTMENTS (clicks) M4

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.



RANGE (yards)	WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE	
	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF
200	1	1	2	1	3	1	4	2	5	2
300	2	1	4	2	7	3	9	4	11	5
500	4	2	8	4	12	6	16	8	20	10

One (1) click adjustment moves strike of round at 100 yards/meters:

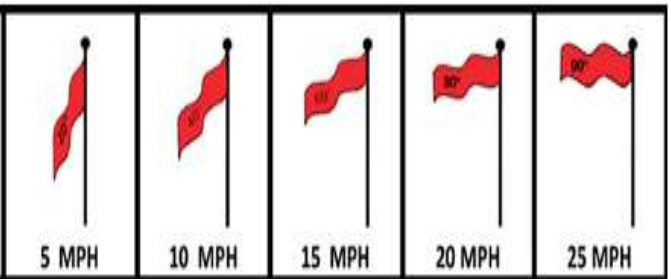
Front Sight Post	1 7/8 INCHES
BUIS Elevation Drum	3/4 INCH
BUIS Windage Knob	3/4 INCH

BUIS Windage Knob

Front Sight Post

BUIS WINDAGE/ELEVATION RULES AND ADJUSTMENTS (clicks) M4

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.

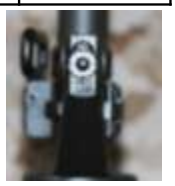


RANGE (yards)	WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE	
	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF	FULL	HALF
200	1	1	2	1	3	1	4	2	5	2
300	2	1	4	2	7	3	9	4	11	5
500	4	2	8	4	12	6	16	8	20	10

One (1) click adjustment moves strike of round at 100 yards/meters:

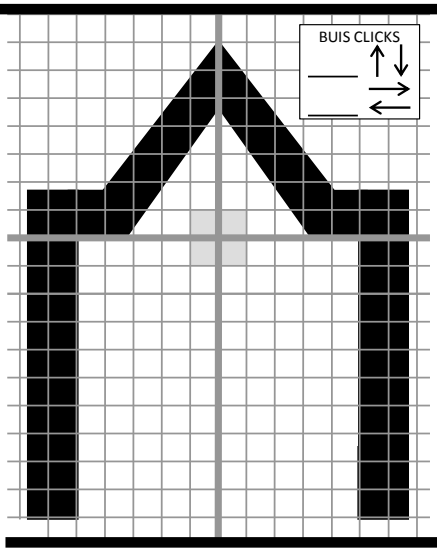
Front Sight Post	1 7/8 INCHES
BUIS Elevation Drum	3/4 INCH
BUIS Windage Knob	3/4 INCH

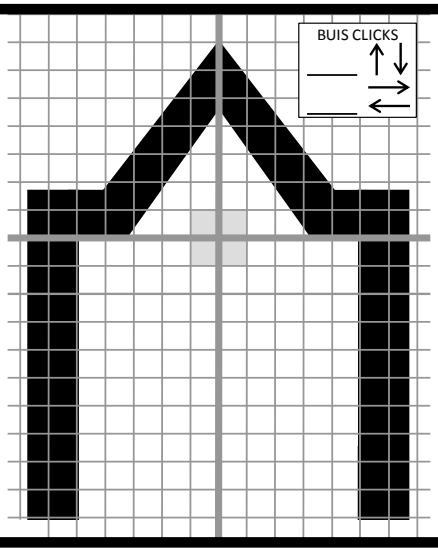
BUIS Windage Knob

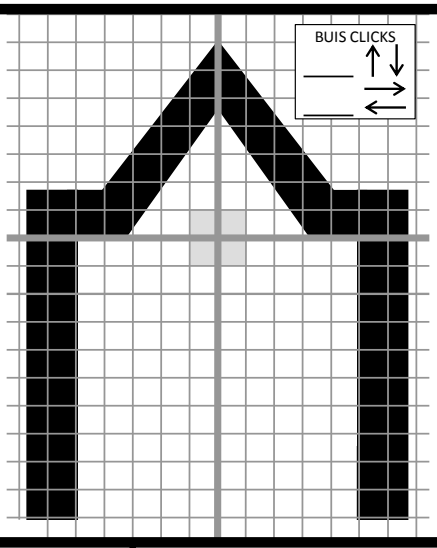


Front Sight Post

36 YARD FIELD EXPEDIENT BZO







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:

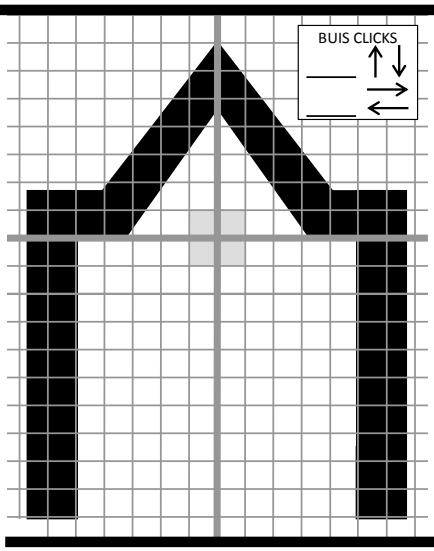
1. The shooter fires five rounds at the center target.
2. The coach measures the size of the group to determine if the shooter can hold a nine minute of angle group. The shooter fires the next five rounds on the left target.
3. Repeat step two. The shooter fires the last five rounds on the right target.
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.

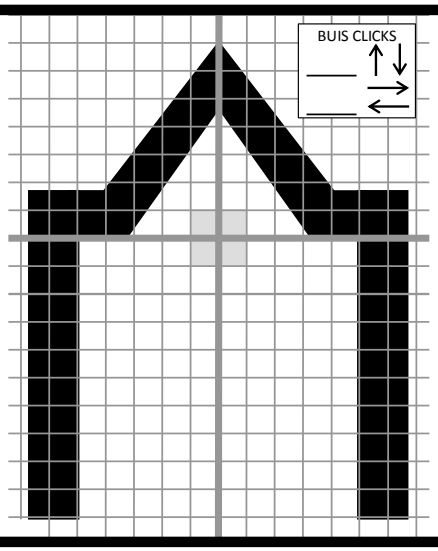
Each square = 1/2 inch

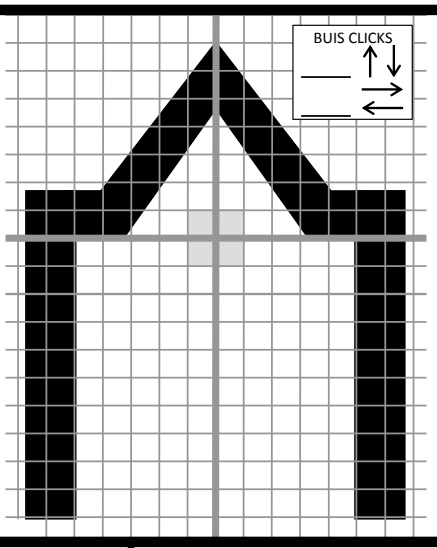
ELEVATION:
RCO - 9 clicks = 1 in
M16A4 (BUIS) – 1 click = 1 1/2 in
M16A4 (FSP) – 1 click = 4 1/8 in

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

36 YARD FIELD EXPEDIENT BZO







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 1/2 in
M16A4 (FSP) – 1 click = 4 1/8 in

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

63

DIVISION MATCH COURSE OF FIRE

STAGE	ROUNDS	POSITION	TIME (SEC)
200 YARD SLOW FIRE	20	STANDING	20 MIN
200 YARD RAPID FIRE	10	STANDING TO SITTING	60 SEC
300 YARD RAPID FIRE	10	STANDING TO PRONE	60 SEC
500 YARD SLOW FIRE	20	PRONE	20 MIN

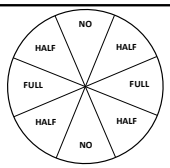
DIVISION MATCH COURSE OF FIRE

STAGE	ROUNDS	POSITION	TIME (SEC)
200 YARD SLOW FIRE	20	STANDING	20 MIN
200 YARD RAPID FIRE	10	STANDING TO SITTING	60 SEC
300 YARD RAPID FIRE	10	STANDING TO PRONE	60 SEC
500 YARD SLOW FIRE	20	PRONE	20 MIN

64

200 YARD SLOW-FIRE — BEFORE FIRING — DAY ONE

ZERO



+ WIND =

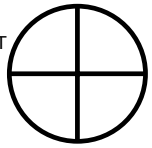
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

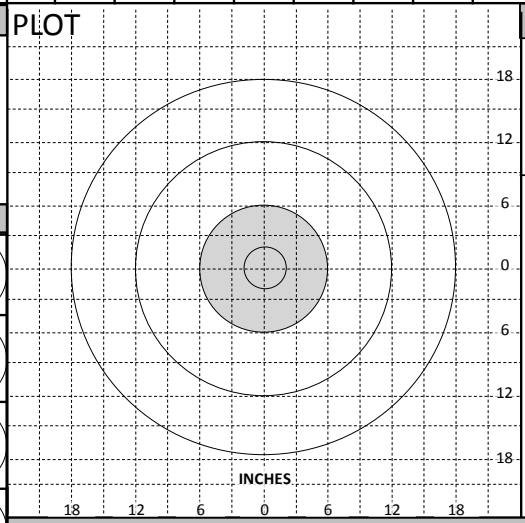


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



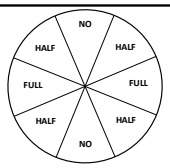
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY ONE

ZERO



+ WIND =

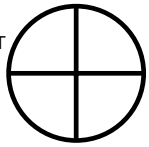
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

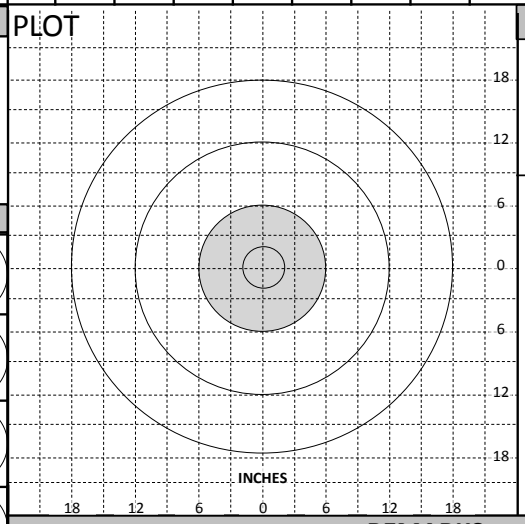


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



AFTER FIRING

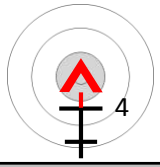
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

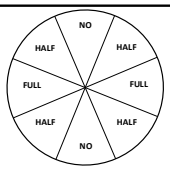
65

200 YARD RAPID-FIRE — BEFORE FIRING — DAY ONE

ZERO



+ WIND =



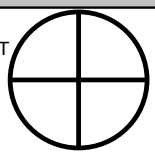
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

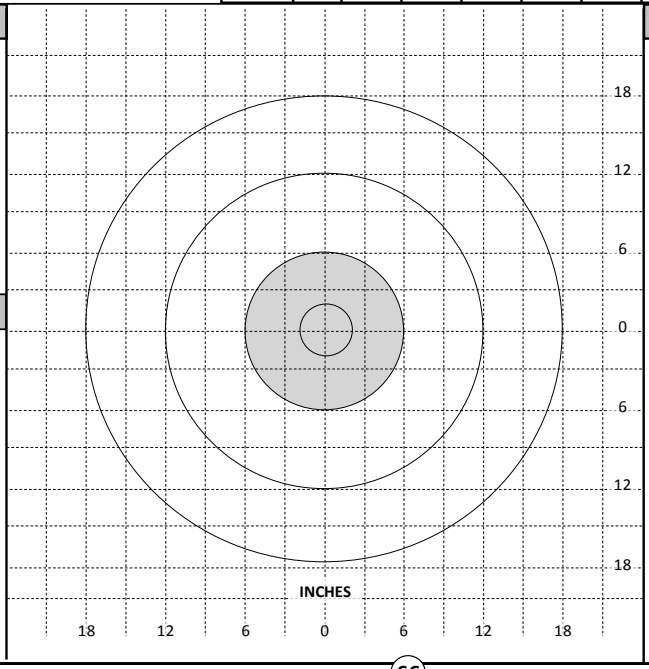
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

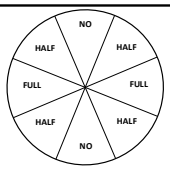


REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY ONE

ZERO

+ WIND =



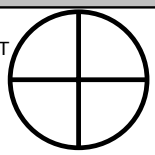
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

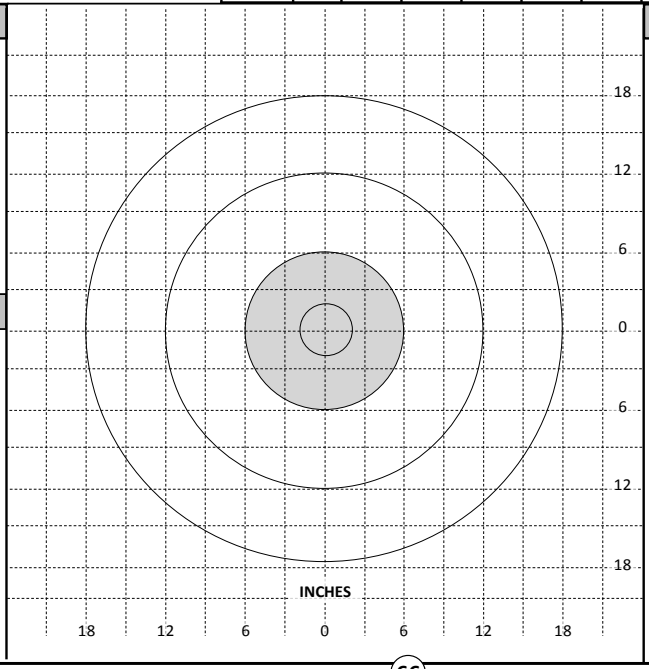
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

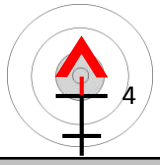


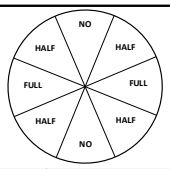
REMARKS

66

300 YARD RAPID-FIRE — BEFORE FIRING — DAY ONE

ZERO + WIND = HOLD





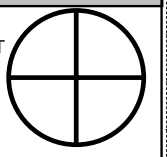
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

WEATHER DATA

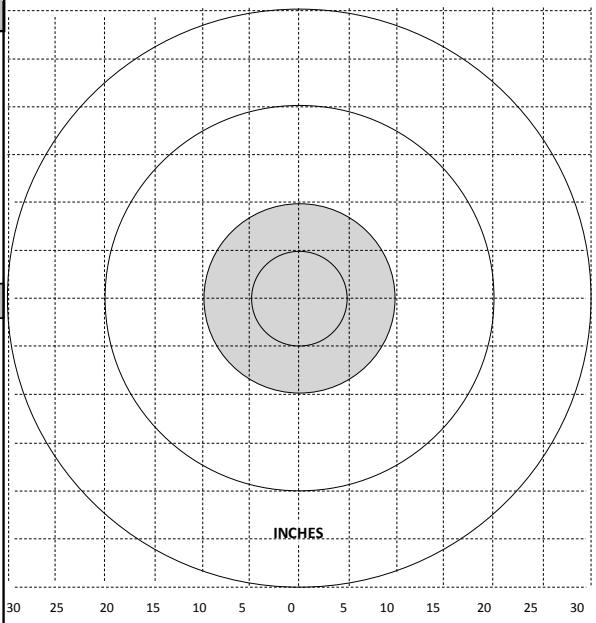
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

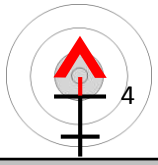
AFTER FIRING

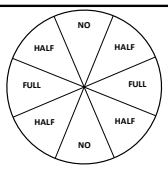


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY ONE

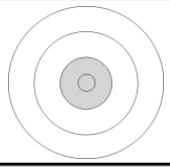
ZERO + WIND = HOLD





HOLDS IN INCHES

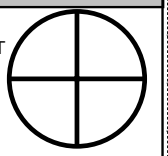
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

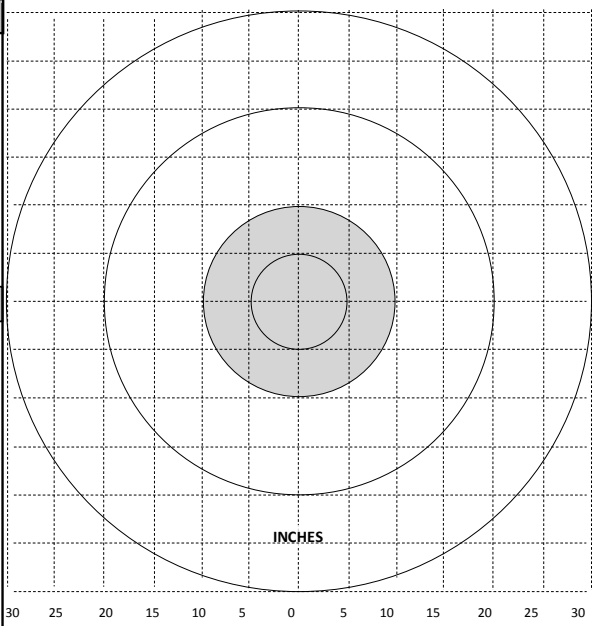
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

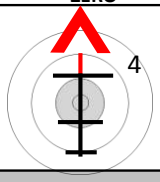
AFTER FIRING

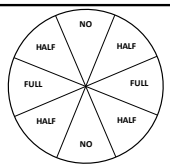


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY ONE

ZERO





HOLDS IN INCHES

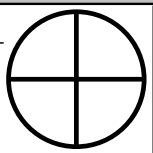
+ WIND =

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

HOLD

WEATHER DATA

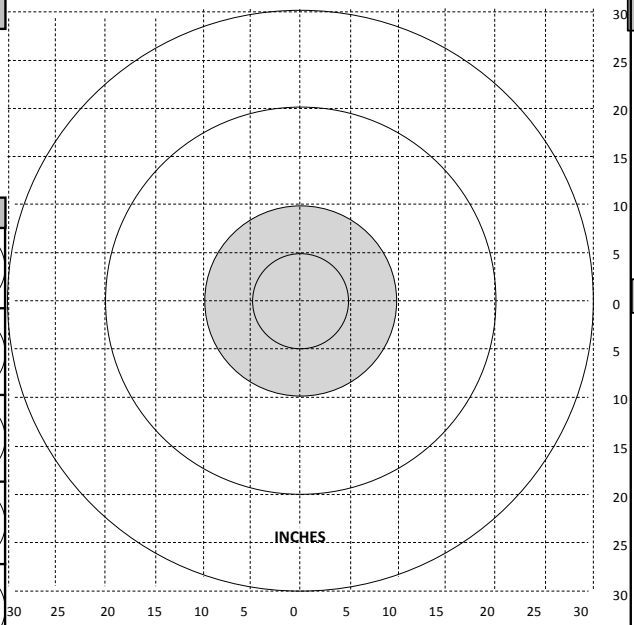
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

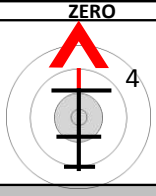


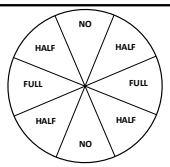
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY ONE

ZERO





HOLDS IN INCHES

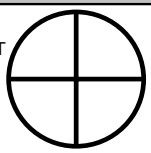
+ WIND =

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

HOLD

WEATHER DATA

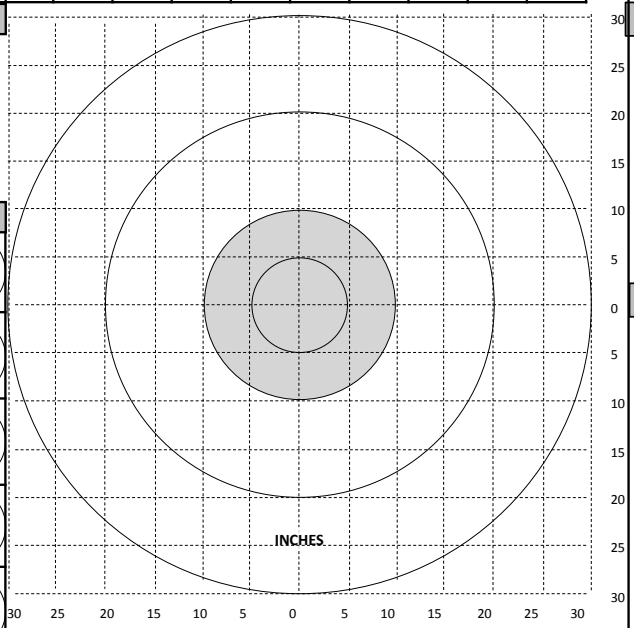
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



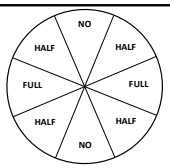
AFTER FIRING

REMARKS

68

200 YARD SLOW-FIRE — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD

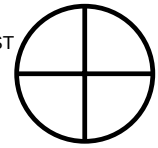


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

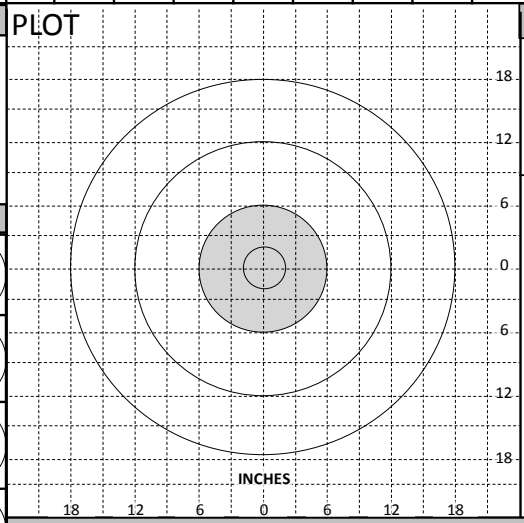


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



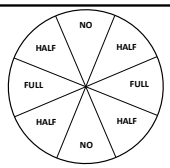
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY TWO

ZERO + WIND = HOLD

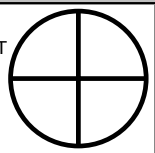


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

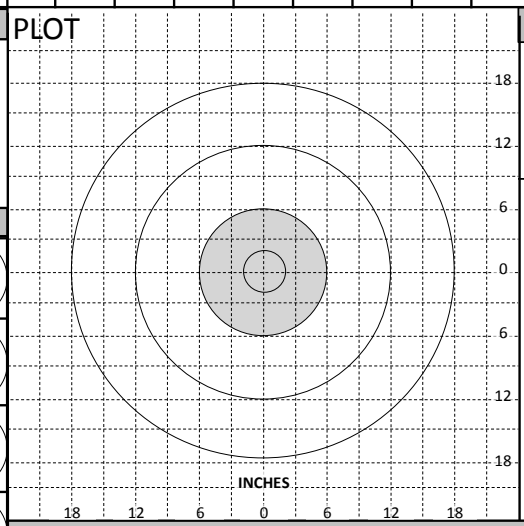


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

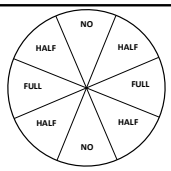
REMARKS

69

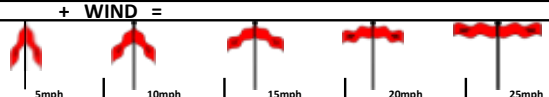
200 YARD RAPID-FIRE — BEFORE FIRING — DAY TWO

ZERO

+ WIND =



HOLDS IN INCHES

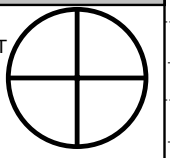


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

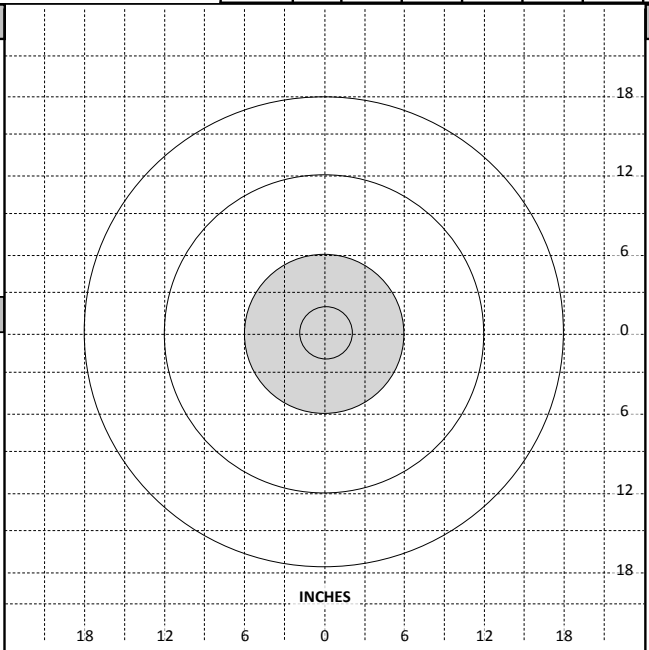
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

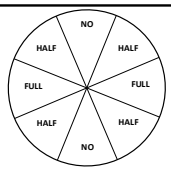


REMARKS

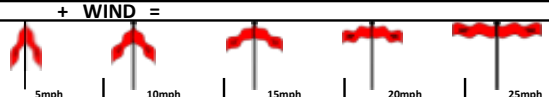
200 YARD RAPID-FIRE — BEFORE FIRING — DAY TWO

ZERO

+ WIND =



HOLDS IN INCHES

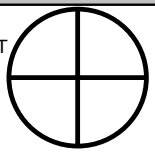


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

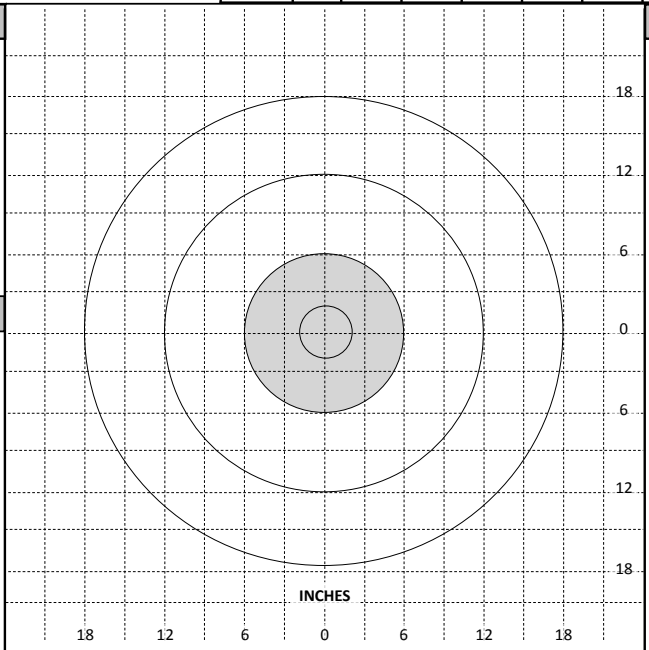
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

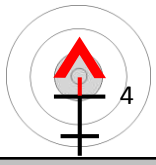


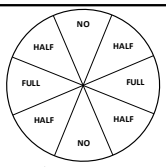
REMARKS

70

300 YARD RAPID-FIRE — BEFORE FIRING — DAY TWO

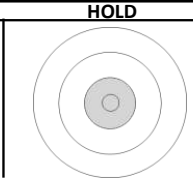
ZERO + WIND = HOLD





HOLDS IN INCHES

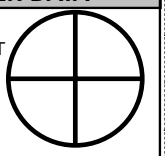
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

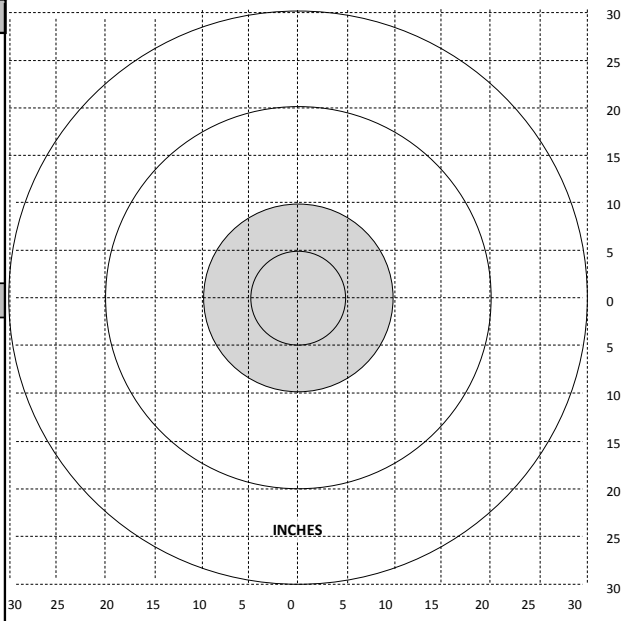
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

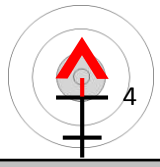
AFTER FIRING

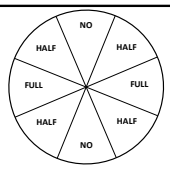


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY TWO

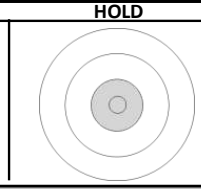
ZERO + WIND = HOLD





HOLDS IN INCHES

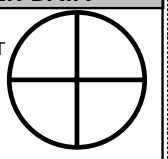
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

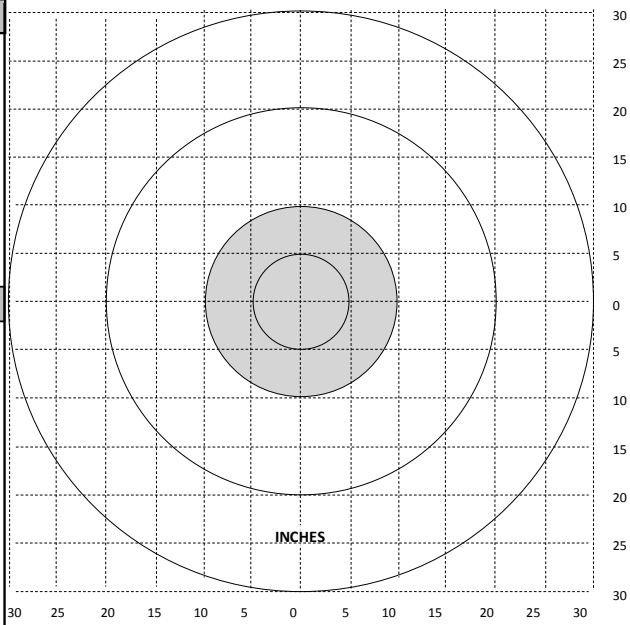
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

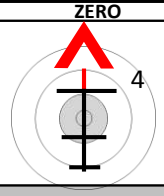
AFTER FIRING

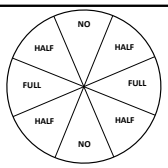


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY TWO

ZERO





+ WIND =

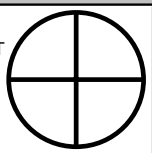
HOLDS IN INCHES

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

HOLD

WEATHER DATA

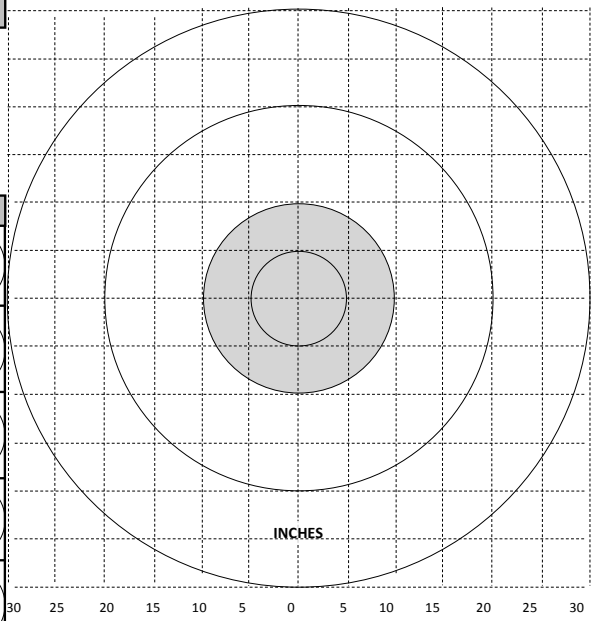
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

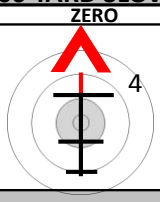


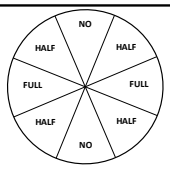
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY TWO

ZERO





+ WIND =

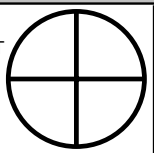
HOLDS IN INCHES

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

HOLD

WEATHER DATA

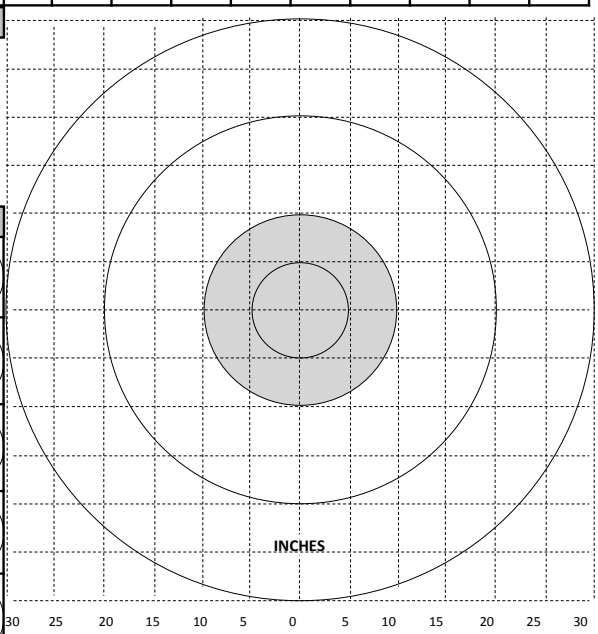
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



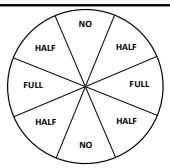
AFTER FIRING

REMARKS

72

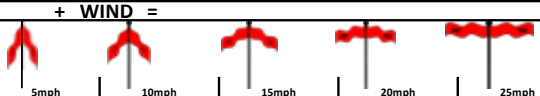
200 YARD SLOW-FIRE — BEFORE FIRING — DAY THREE

ZERO



+ WIND =

HOLDS IN INCHES

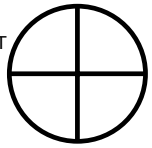


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

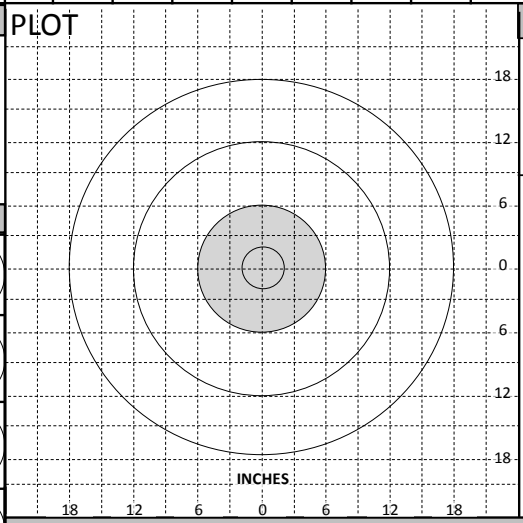
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

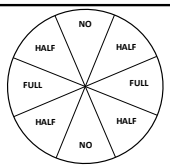
DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

REMARKS

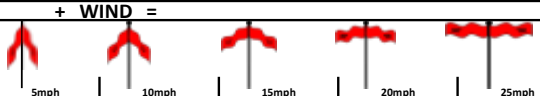
200 YARD SLOW-FIRE — BEFORE FIRING — DAY THREE

ZERO



+ WIND =

HOLDS IN INCHES

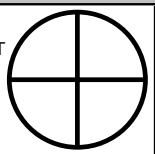


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

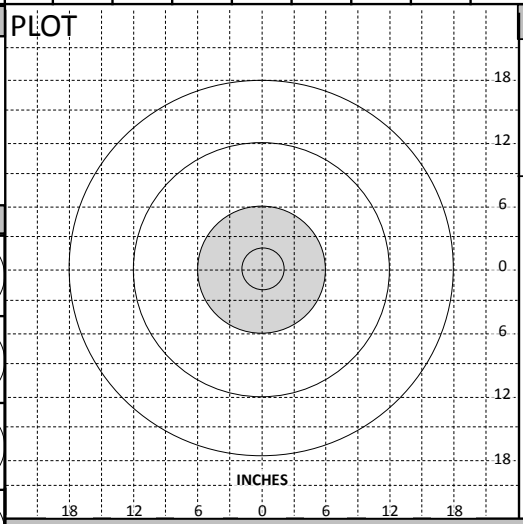
WEATHER DATA

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	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

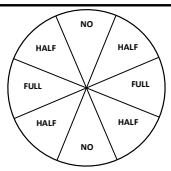
REMARKS

73

200 YARD RAPID-FIRE — BEFORE FIRING — DAY THREE

ZERO

+ WIND =



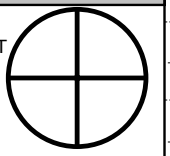
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

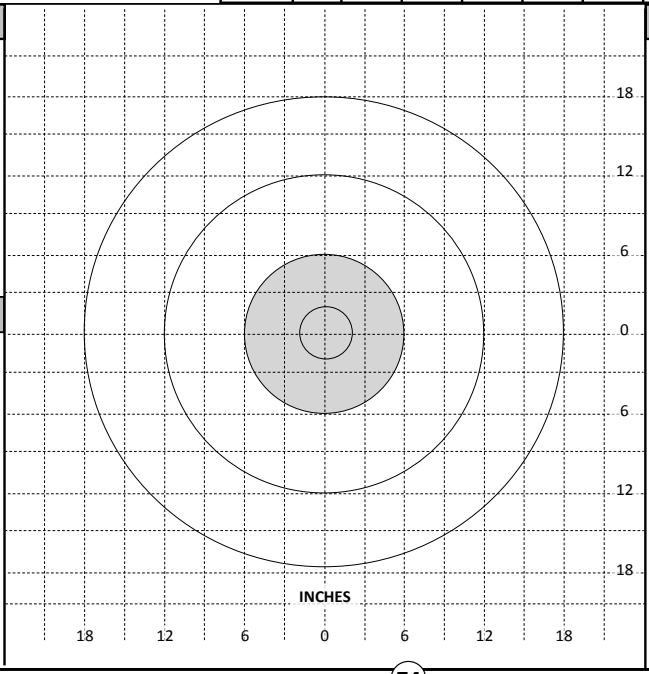
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

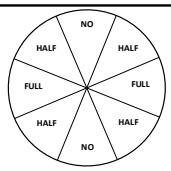


REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY THREE

ZERO

+ WIND =



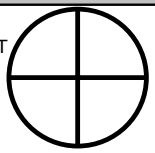
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

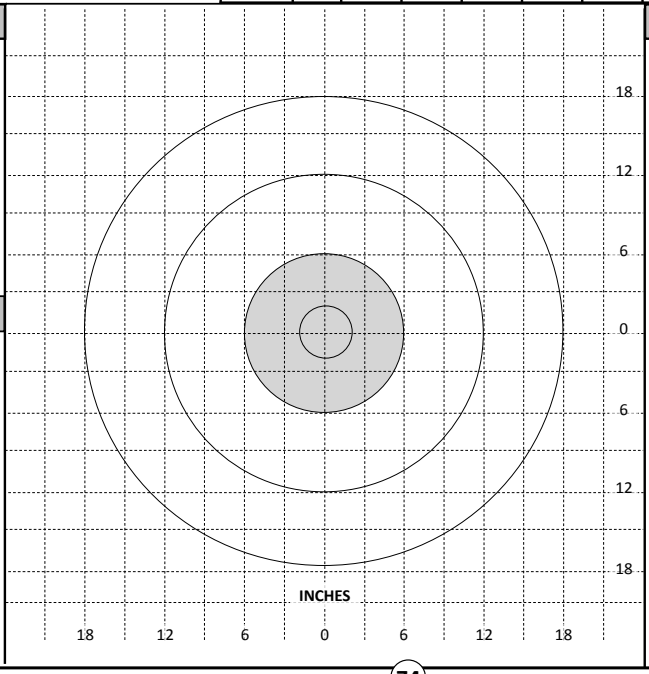
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

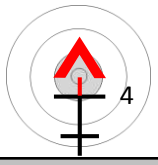


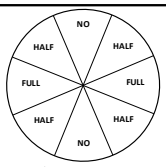
REMARKS

74

300 YARD RAPID-FIRE — BEFORE FIRING — DAY THREE

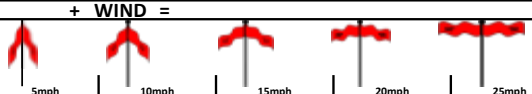
ZERO





+ WIND =

HOLDS IN INCHES

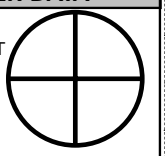


VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

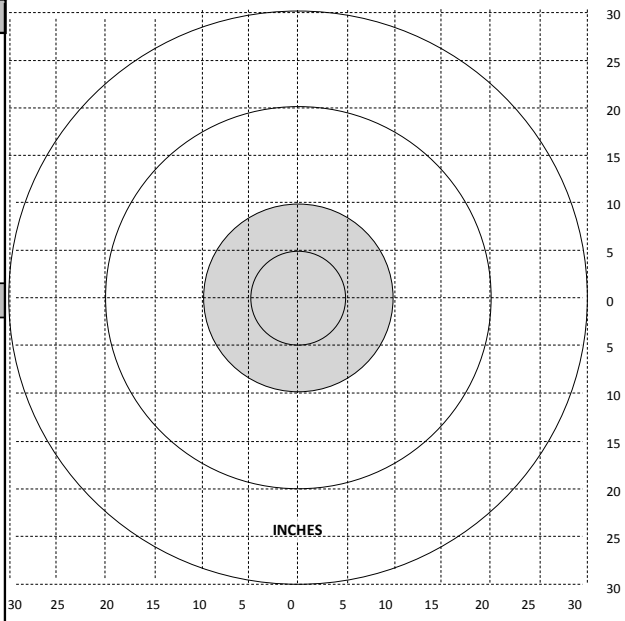
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

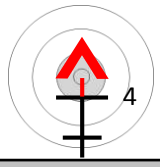
AFTER FIRING

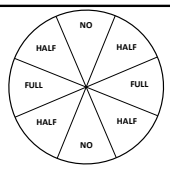


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY THREE

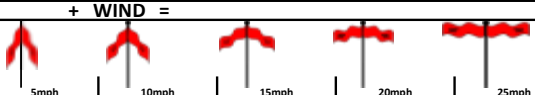
ZERO





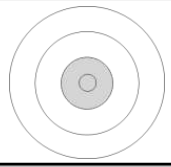
+ WIND =

HOLDS IN INCHES



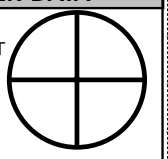
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD



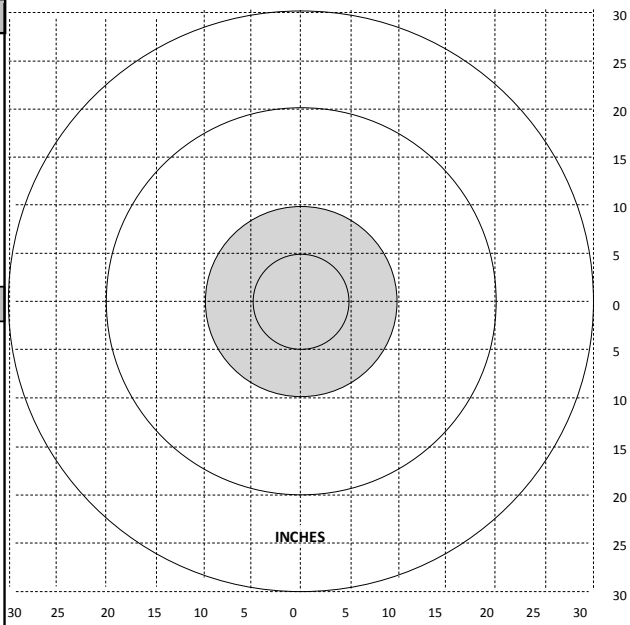
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

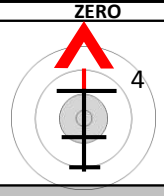


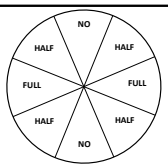
REMARKS

75

500 YARD SLOW-FIRE — BEFORE FIRING — DAY THREE

ZERO





+ WIND =

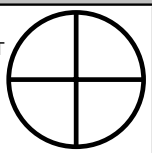
HOLDS IN INCHES

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

HOLD

WEATHER DATA

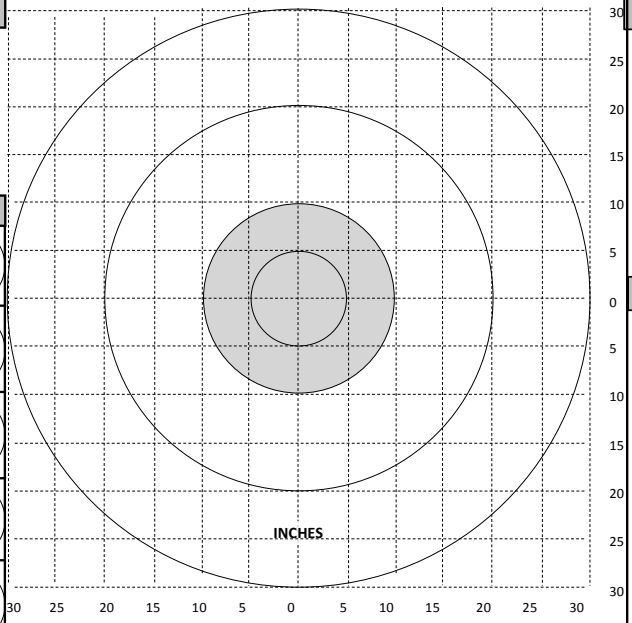
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

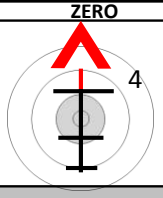


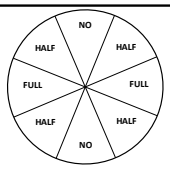
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY THREE

ZERO





+ WIND =

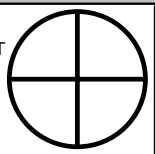
HOLDS IN INCHES

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

HOLD

WEATHER DATA

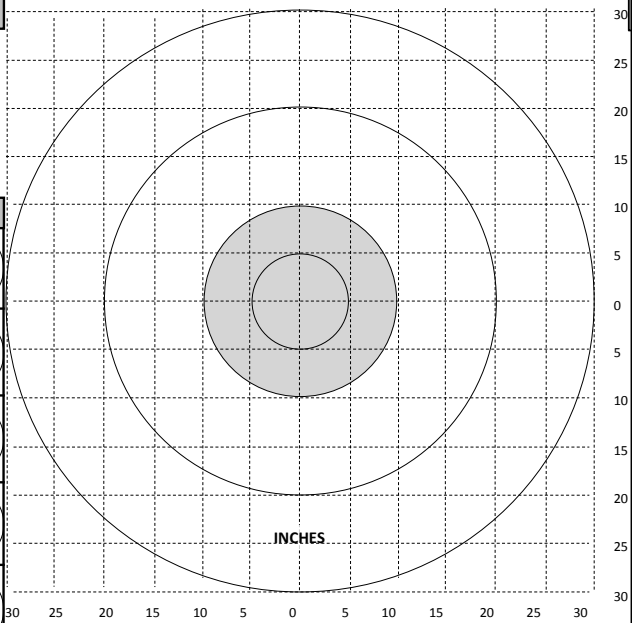
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



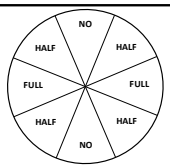
AFTER FIRING

REMARKS

76

200 YARD SLOW-FIRE — BEFORE FIRING — DAY FOUR

ZERO



+ WIND =

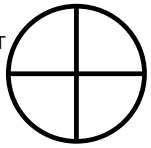
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

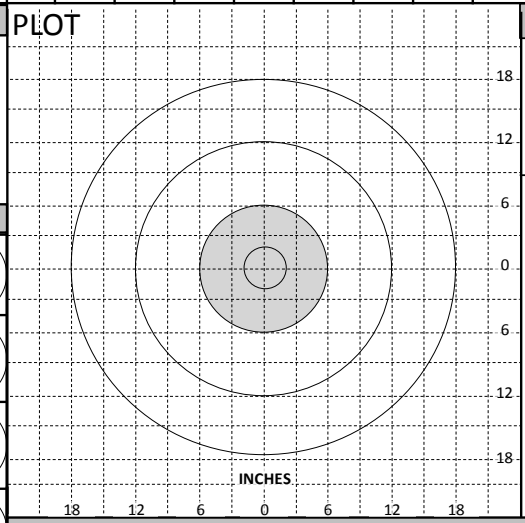


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



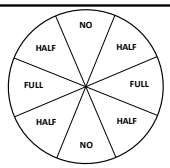
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY FOUR

ZERO



+ WIND =

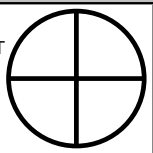
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

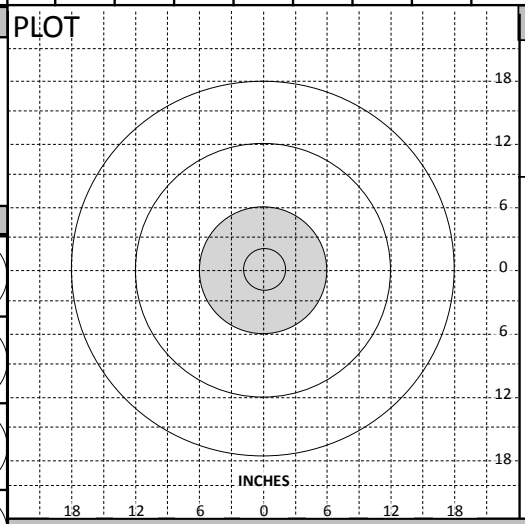


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

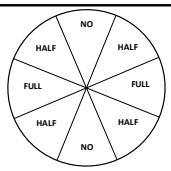
REMARKS

77

200 YARD RAPID-FIRE — BEFORE FIRING — DAY FOUR

ZERO

+ WIND =



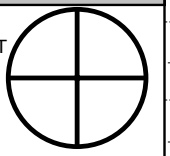
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT



☐ OVERCAST

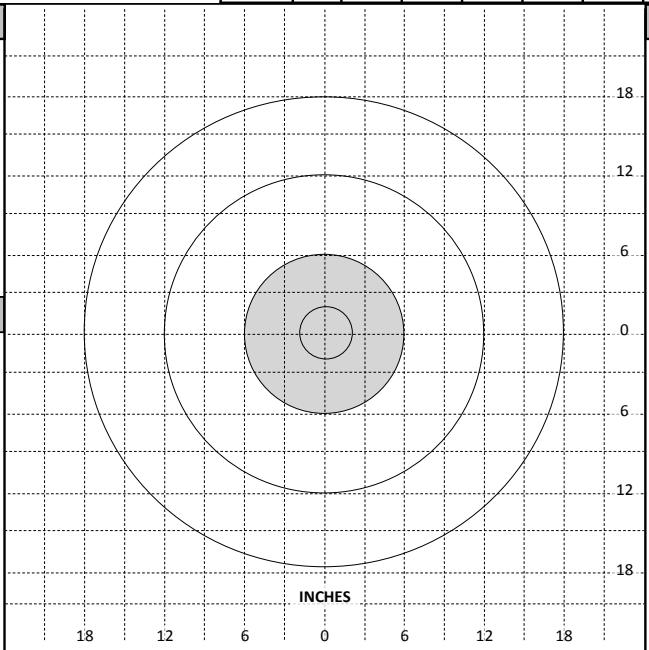
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

AFTER FIRING

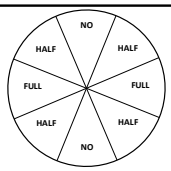


REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY FOUR

ZERO

+ WIND =



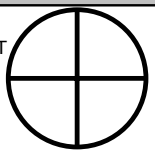
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT



☐ OVERCAST

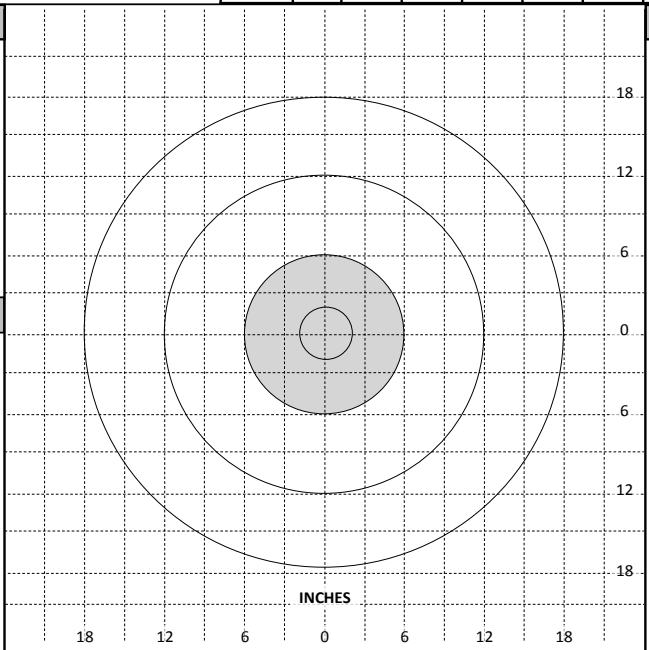
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

AFTER FIRING

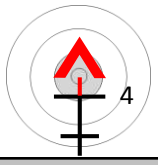


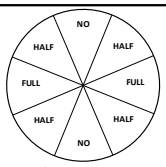
REMARKS

78

300 YARD RAPID-FIRE — BEFORE FIRING — DAY FOUR

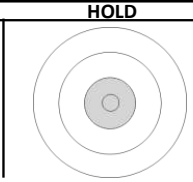
ZERO + WIND = HOLD





HOLDS IN INCHES

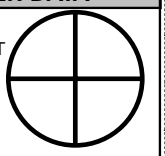
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

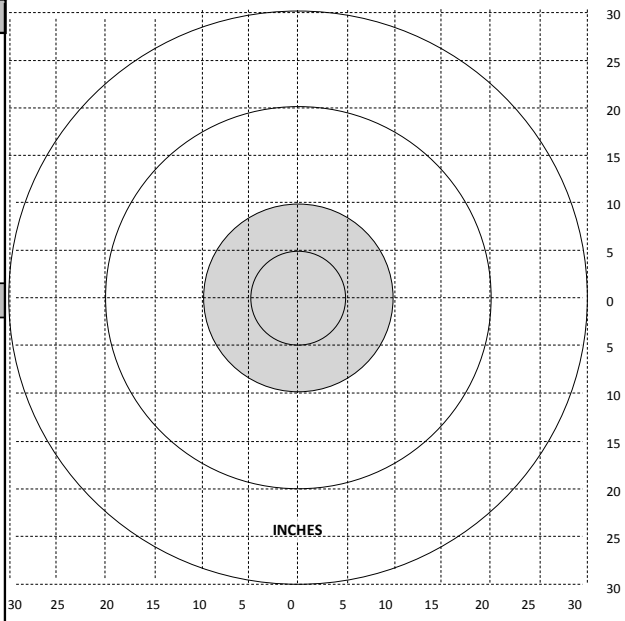
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

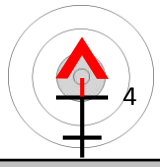
AFTER FIRING

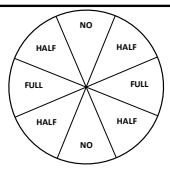


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY FOUR

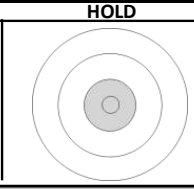
ZERO + WIND = HOLD





HOLDS IN INCHES

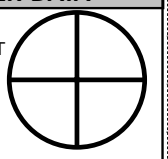
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

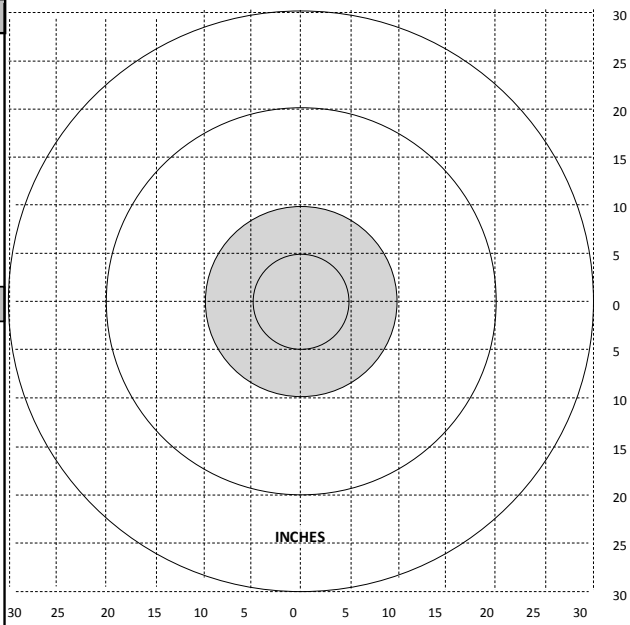
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

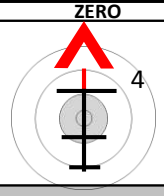


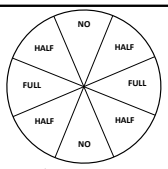
REMARKS

79

500 YARD SLOW-FIRE — BEFORE FIRING — DAY FOUR

ZERO





+ WIND =

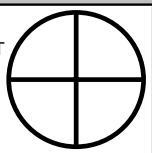
HOLDS IN INCHES

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

HOLD

WEATHER DATA

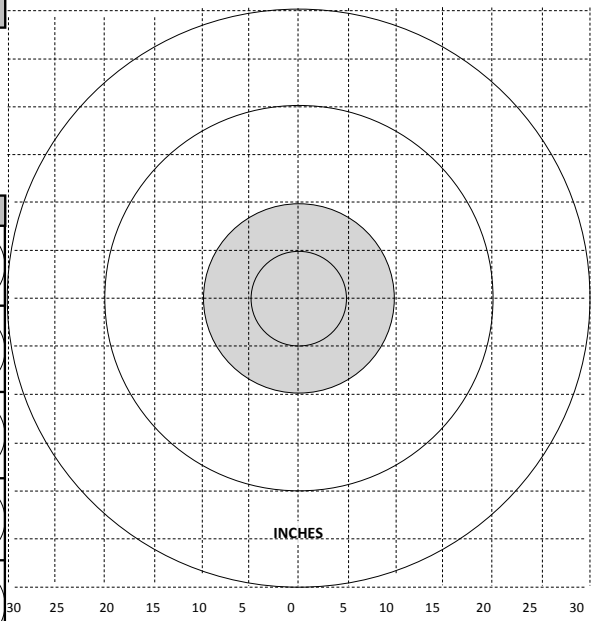
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

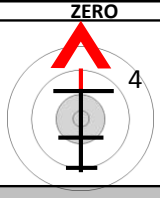


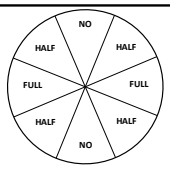
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY FOUR

ZERO





+ WIND =

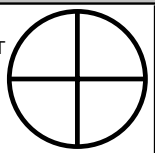
HOLDS IN INCHES

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

HOLD

WEATHER DATA

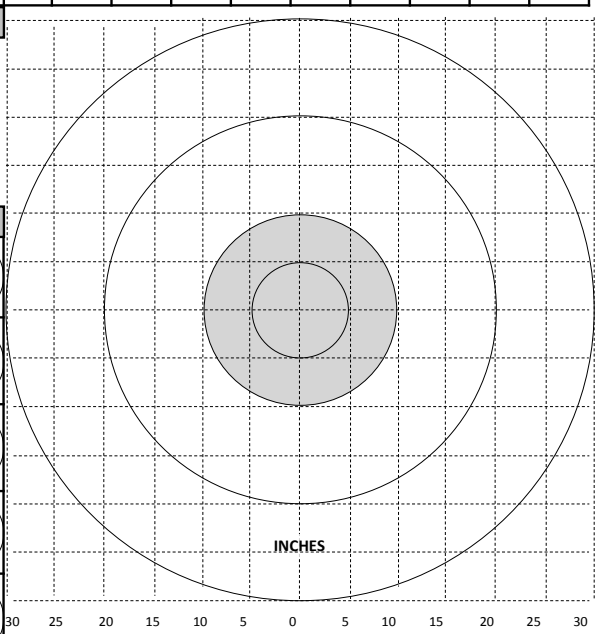
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



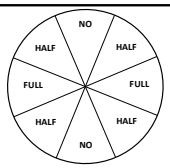
AFTER FIRING

REMARKS

80

200 YARD SLOW-FIRE — BEFORE FIRING — DAY FIVE

ZERO + WIND = HOLD

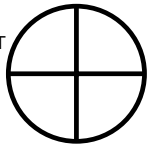


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

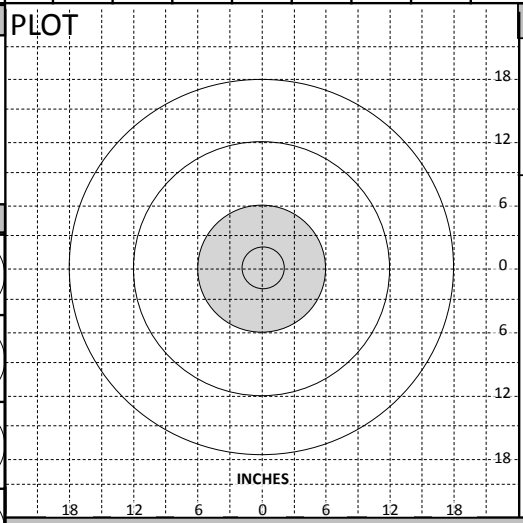


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



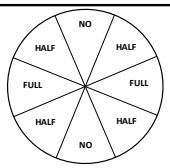
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY FIVE

ZERO + WIND = HOLD

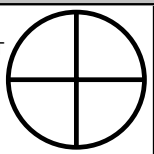


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

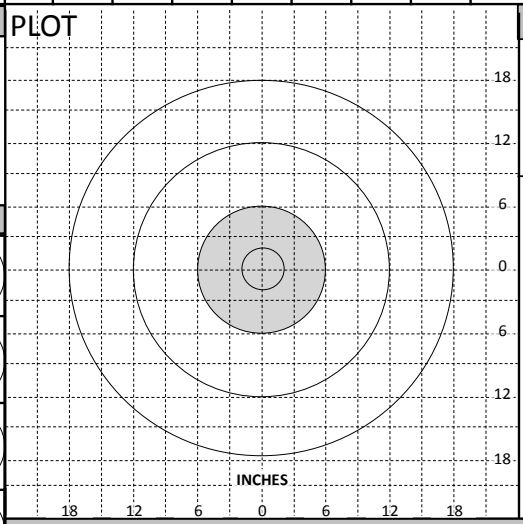


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



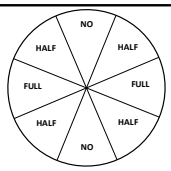
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY FIVE

ZERO + WIND = HOLD

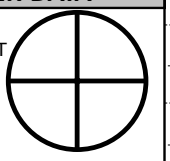


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

LIGHT



☐ OVERCAST

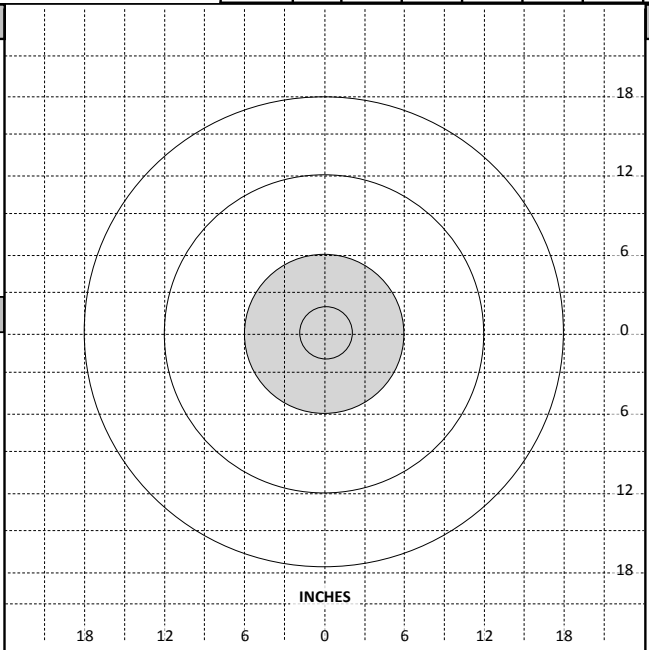
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

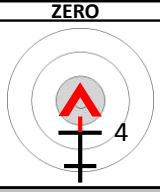
AFTER FIRING

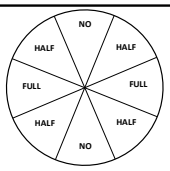


REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY FIVE

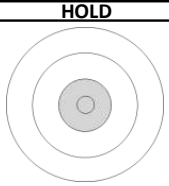
ZERO + WIND = HOLD





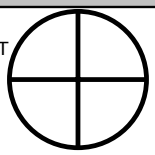
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



WEATHER DATA

LIGHT



☐ OVERCAST

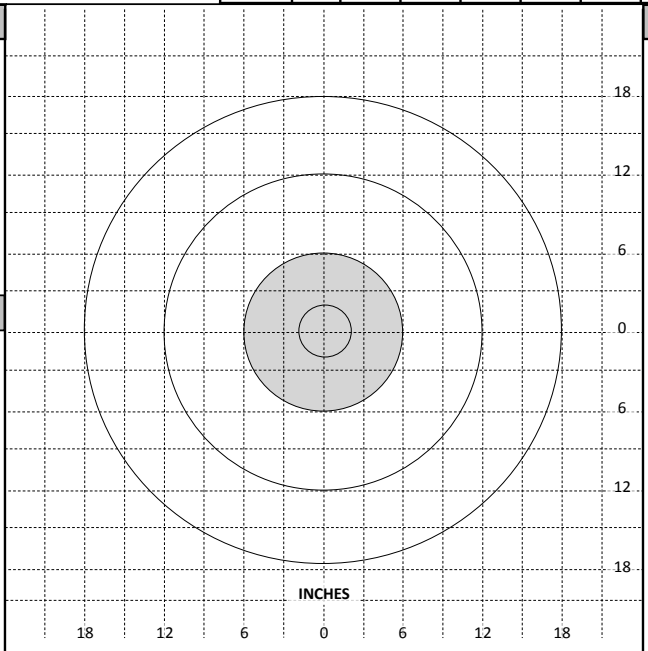
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

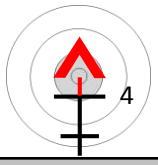
AFTER FIRING



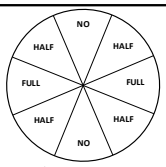
REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY FIVE

ZERO



+ WIND =



HOLDS IN INCHES

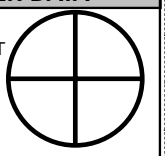
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

WEATHER DATA

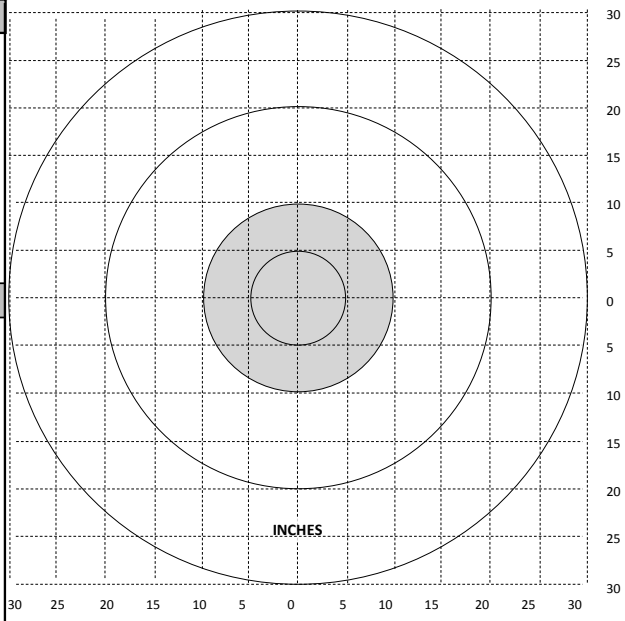
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

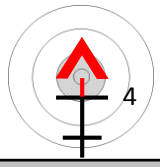
AFTER FIRING



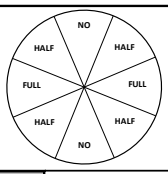
REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY FIVE

ZERO



+ WIND =



HOLDS IN INCHES

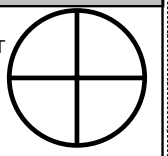
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

WEATHER DATA

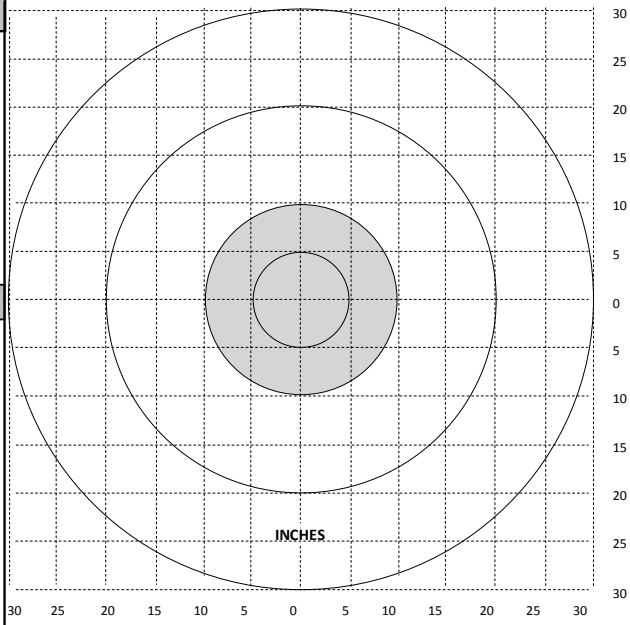
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

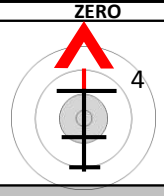


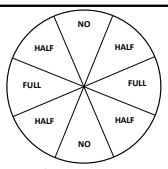
REMARKS

83

500 YARD SLOW-FIRE — BEFORE FIRING — DAY FIVE

ZERO





+ WIND =

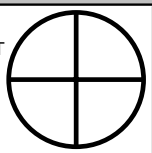
HOLDS IN INCHES

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

HOLD

WEATHER DATA

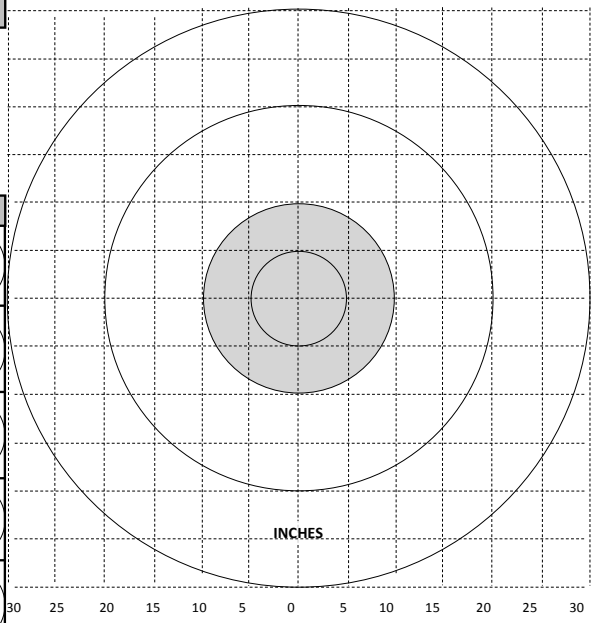
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

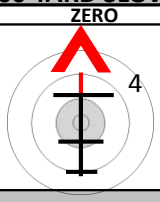


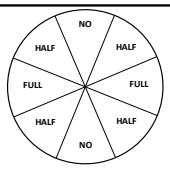
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY FIVE

ZERO





+ WIND =

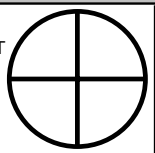
HOLDS IN INCHES

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

HOLD

WEATHER DATA

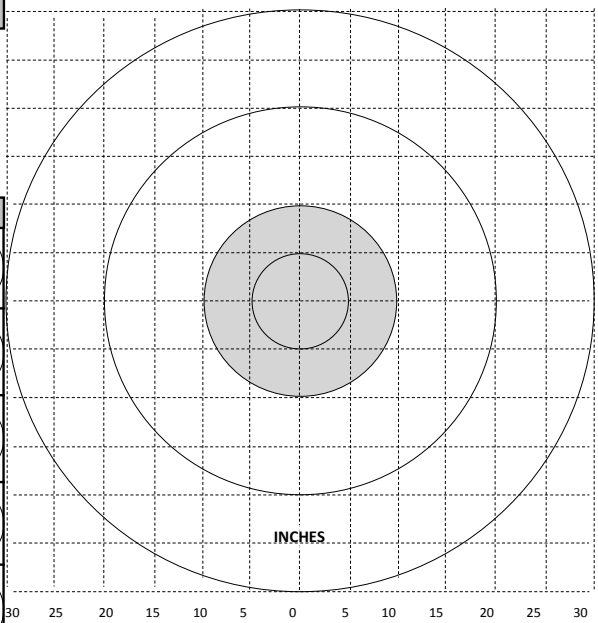
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



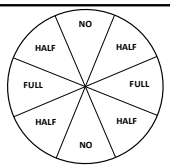
AFTER FIRING

REMARKS

84

200 YARD SLOW-FIRE — BEFORE FIRING — DAY SIX

ZERO



+ WIND =

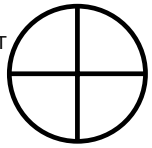
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

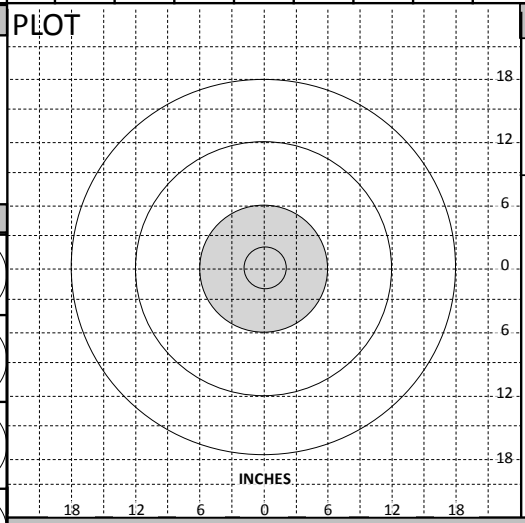
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

PLOT



AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

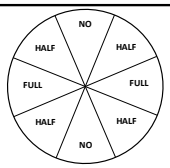
DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY SIX

ZERO



+ WIND =

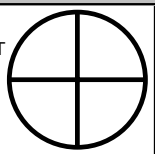
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

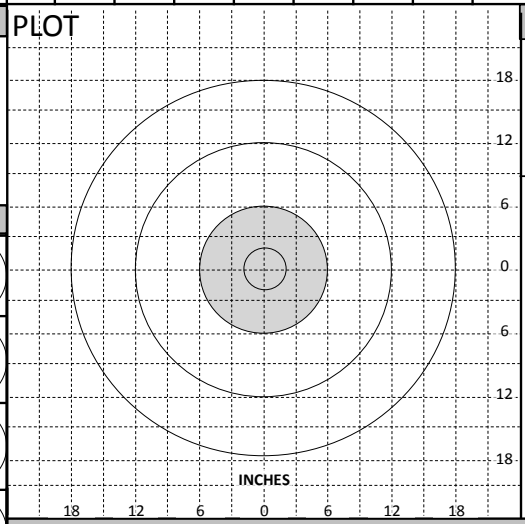
WEATHER DATA

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	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

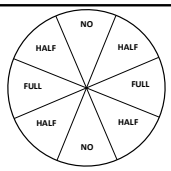
REMARKS

85

200 YARD RAPID-FIRE — BEFORE FIRING — DAY SIX

ZERO

+ WIND =



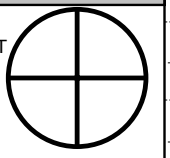
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT



☐ OVERCAST

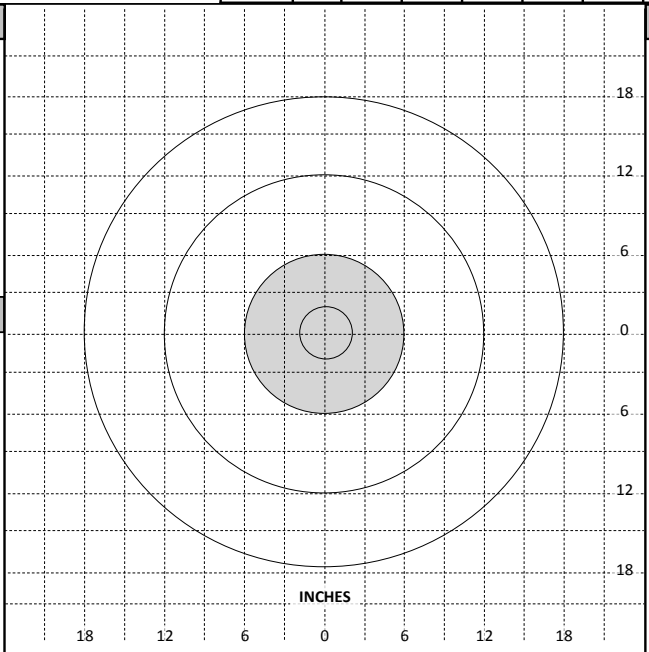
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

AFTER FIRING

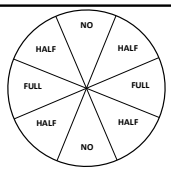


REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY SIX

ZERO

+ WIND =



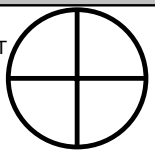
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT



☐ OVERCAST

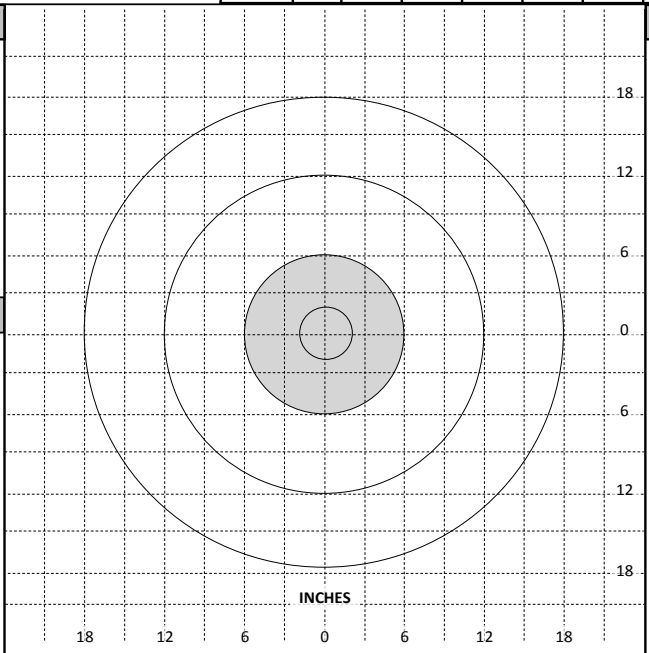
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

AFTER FIRING

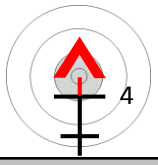


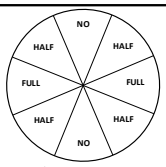
REMARKS

86

300 YARD RAPID-FIRE — BEFORE FIRING — DAY SIX

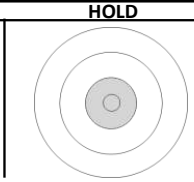
ZERO + WIND = HOLD





HOLDS IN INCHES

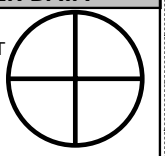
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

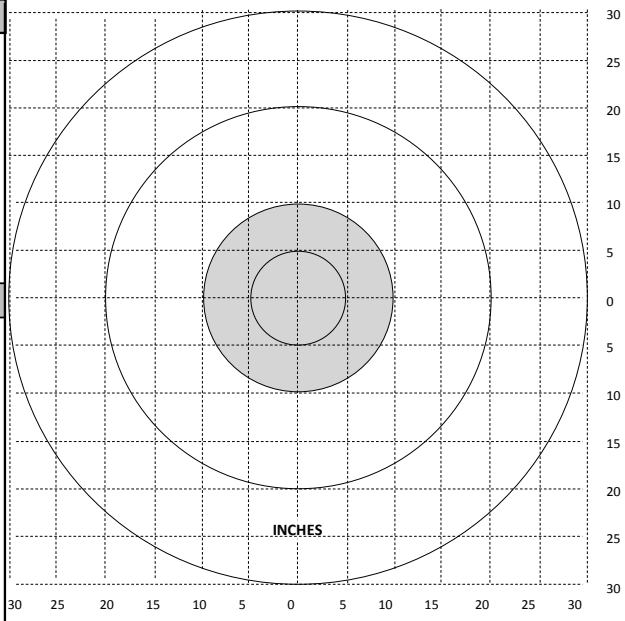
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

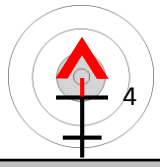
AFTER FIRING

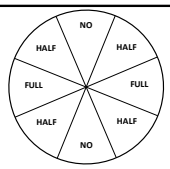


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY SIX

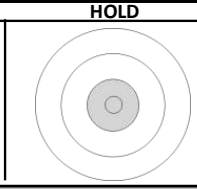
ZERO + WIND = HOLD





HOLDS IN INCHES

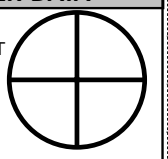
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

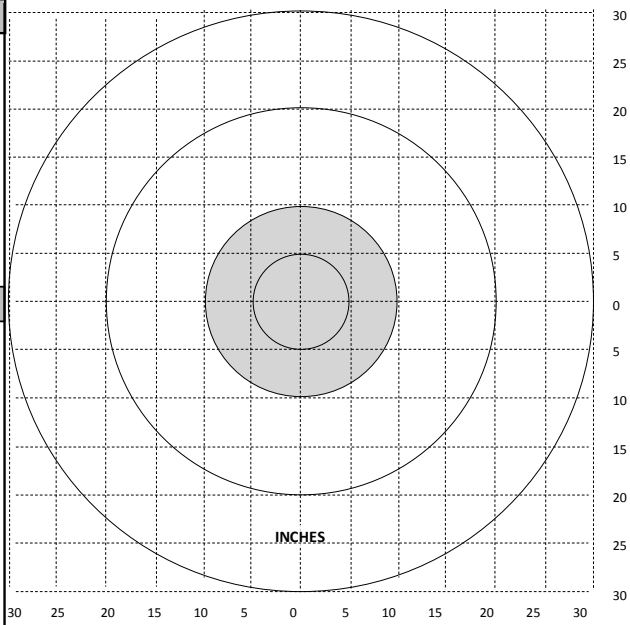
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

AFTER FIRING

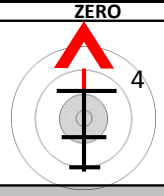


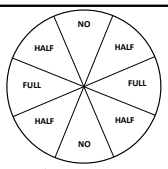
REMARKS

87

500 YARD SLOW-FIRE — BEFORE FIRING — DAY SIX

ZERO





+ WIND =

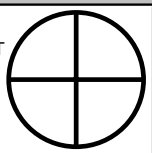
HOLDS IN INCHES

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

HOLD

WEATHER DATA

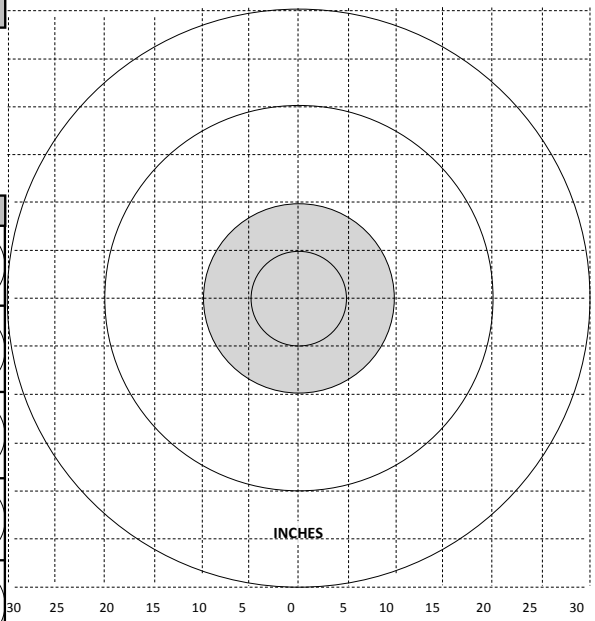
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

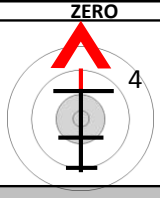


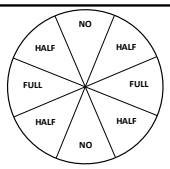
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY SIX

ZERO





+ WIND =

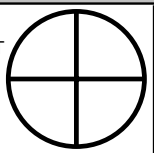
HOLDS IN INCHES

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

HOLD

WEATHER DATA

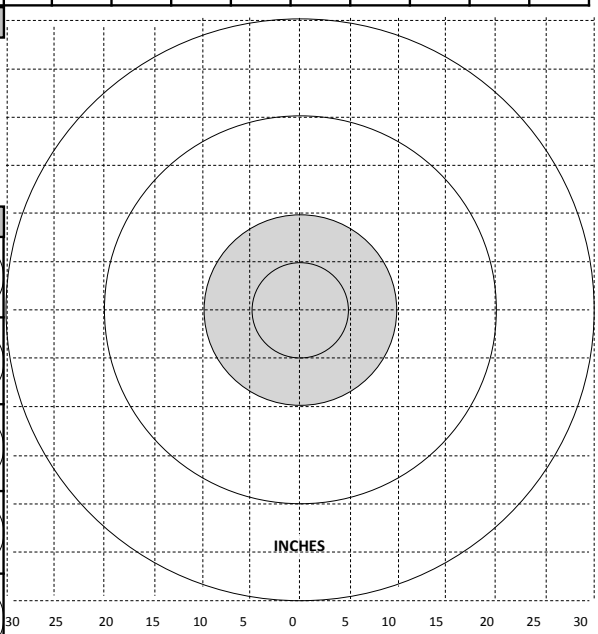
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



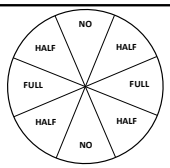
AFTER FIRING

REMARKS

88

200 YARD SLOW-FIRE — BEFORE FIRING — DAY SEVEN

ZERO



+ WIND =

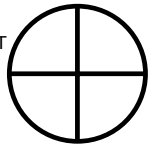
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

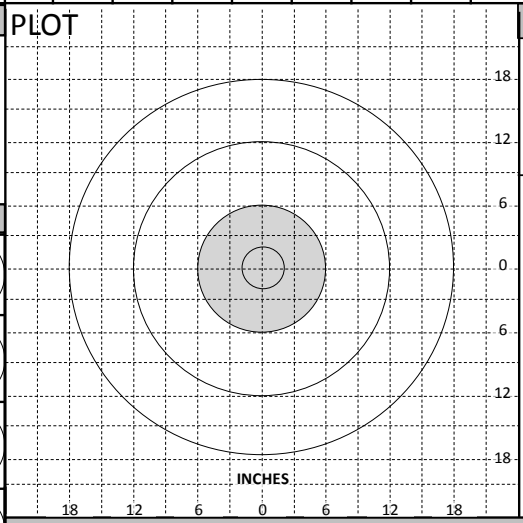


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



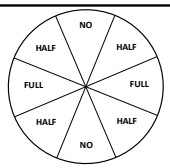
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY SEVEN

ZERO



+ WIND =

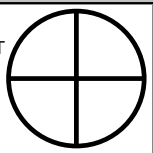
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

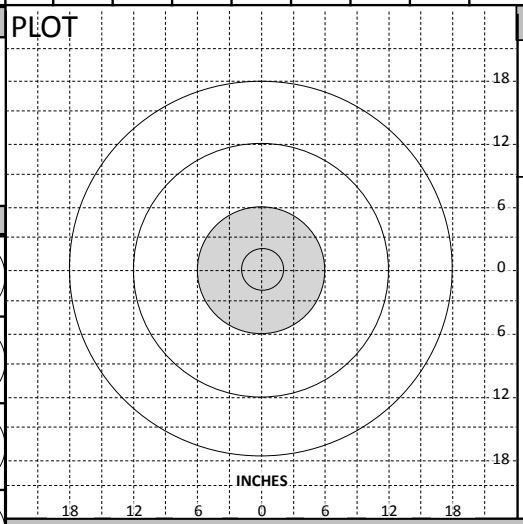


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



AFTER FIRING

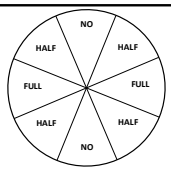
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

89

200 YARD RAPID-FIRE — BEFORE FIRING — DAY SEVEN

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



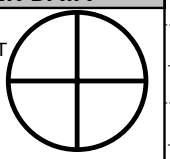
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

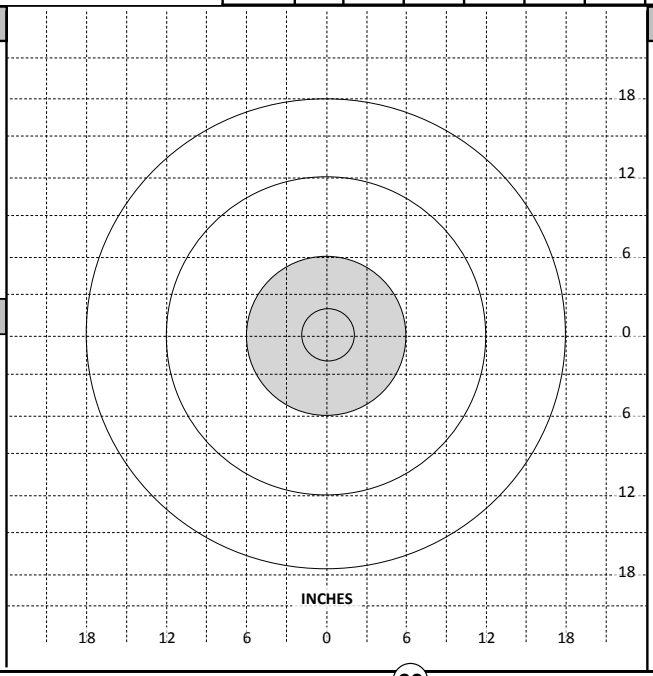
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

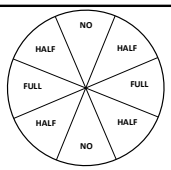
AFTER FIRING



REMARKS

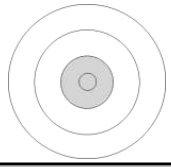
200 YARD RAPID-FIRE — BEFORE FIRING — DAY SEVEN

ZERO + WIND = HOLD



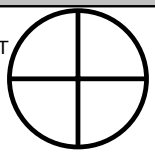
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



WEATHER DATA

LIGHT



☐ OVERCAST

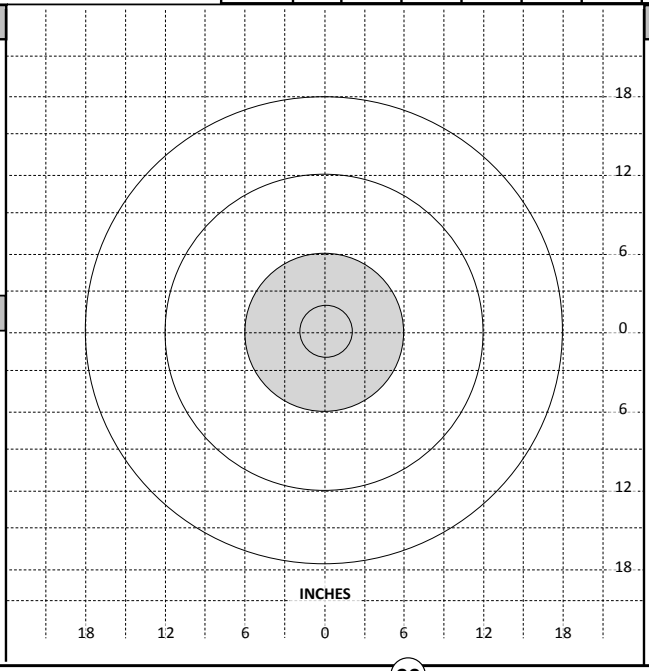
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

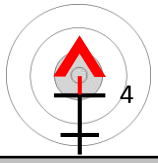
AFTER FIRING

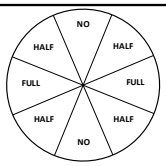


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY SEVEN

ZERO + WIND = HOLD



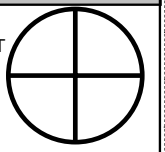


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

WEATHER DATA

LIGHT



☐ OVERCAST

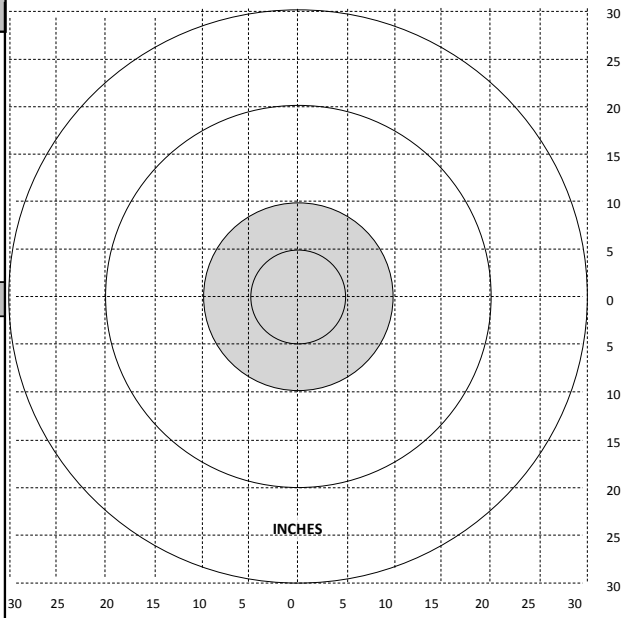
☐ PARTLY CLOUDY

☐ CLEAR

☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

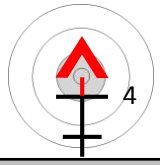
AFTER FIRING

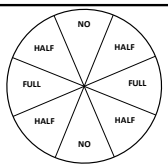


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY SEVEN

ZERO





+ WIND =

HOLDS IN INCHES

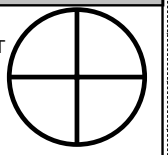
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

WEATHER DATA

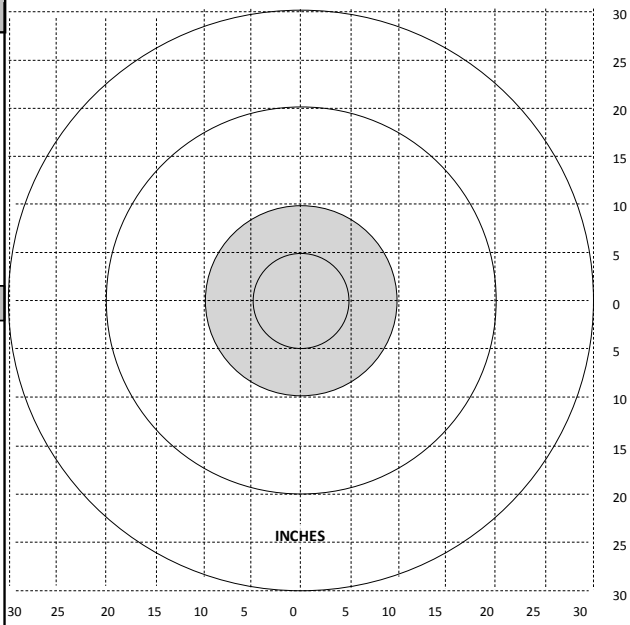
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

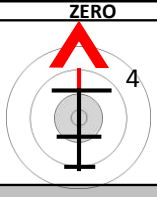
AFTER FIRING

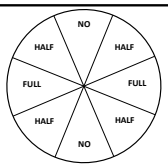


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY SEVEN

ZERO





+ WIND =

HOLDS IN INCHES

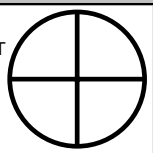
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

HOLD

WEATHER DATA

LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

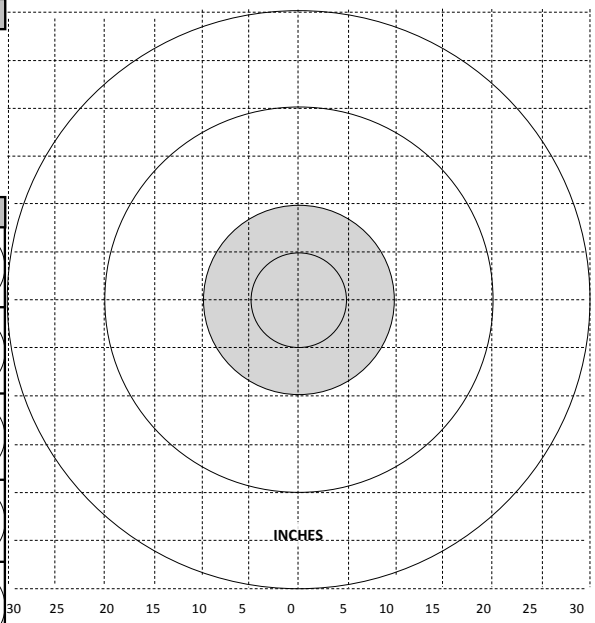


PRECIP

- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

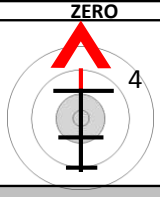


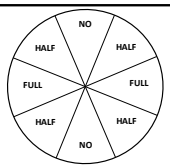
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY SEVEN

ZERO + WIND = HOLD



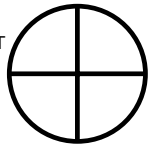


HOLDS IN INCHES

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

WEATHER DATA

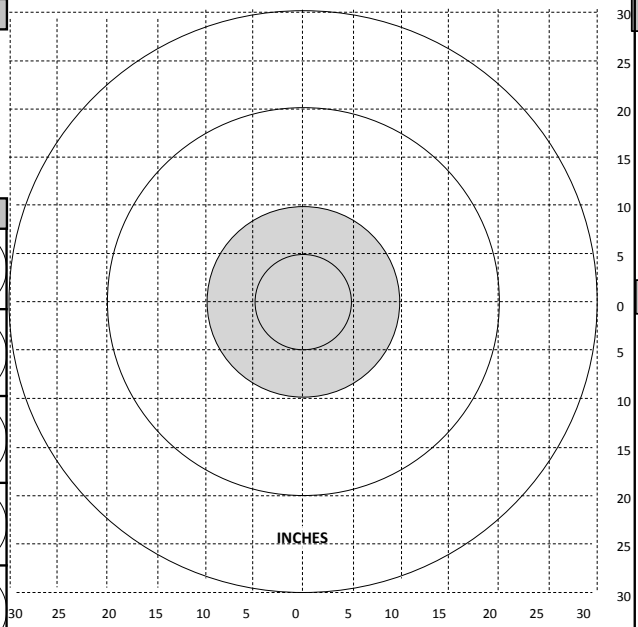
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

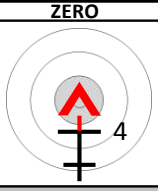


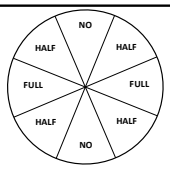
AFTER FIRING

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY EIGHT

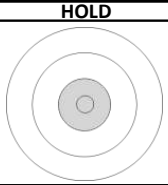
ZERO + WIND = HOLD





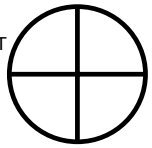
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

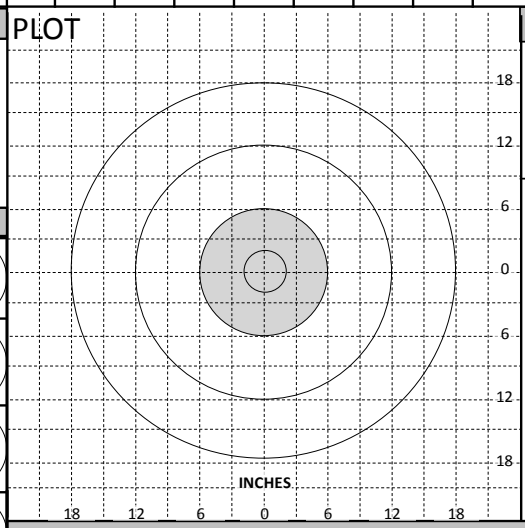


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



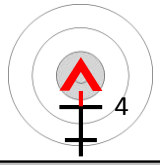
AFTER FIRING

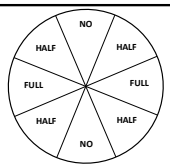
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY EIGHT

ZERO





+ WIND =

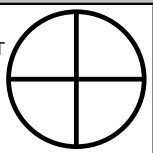
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

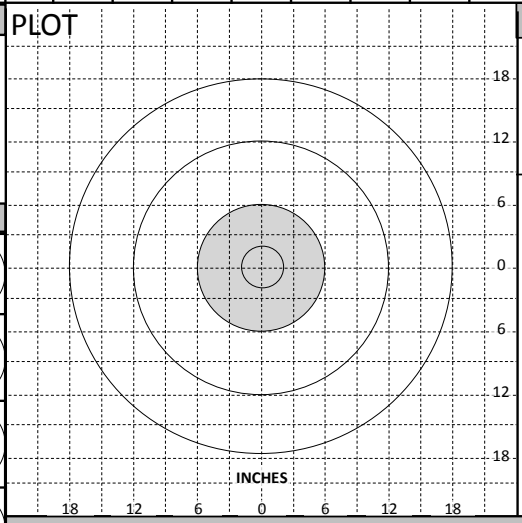


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



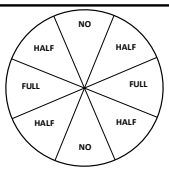
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY EIGHT

ZERO



+ WIND =

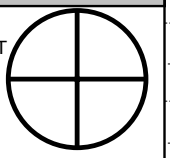
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

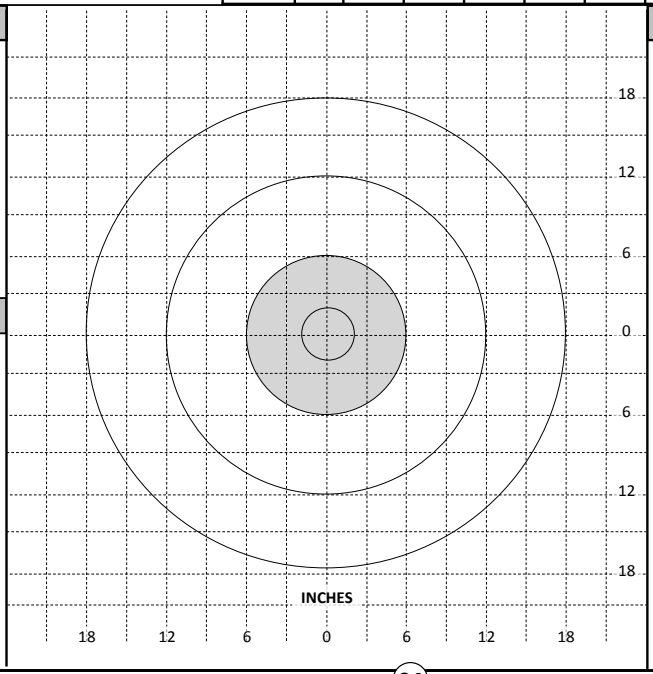
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

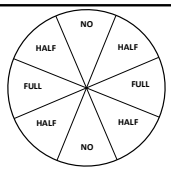
AFTER FIRING



REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY EIGHT

ZERO + WIND = HOLD

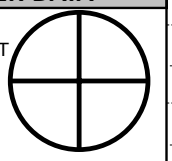


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

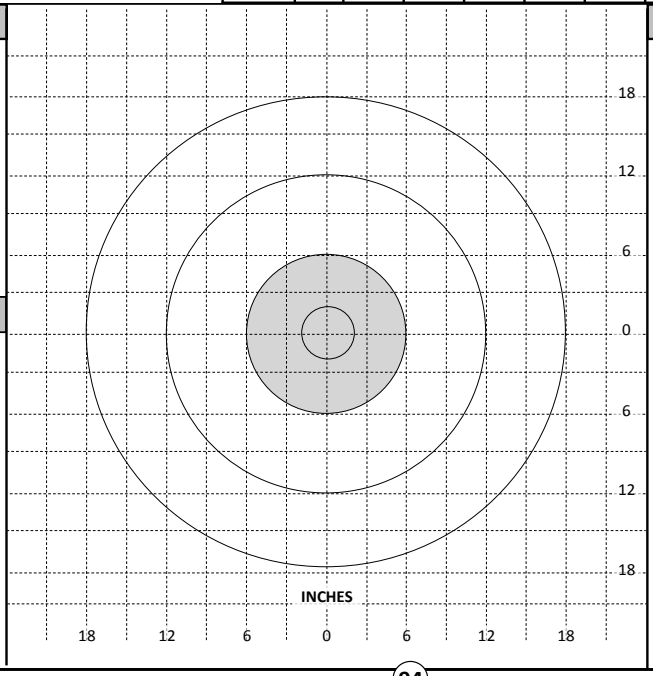
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

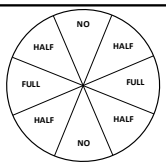
AFTER FIRING



REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY EIGHT

ZERO + WIND = HOLD

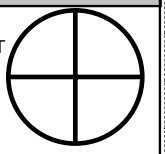


HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

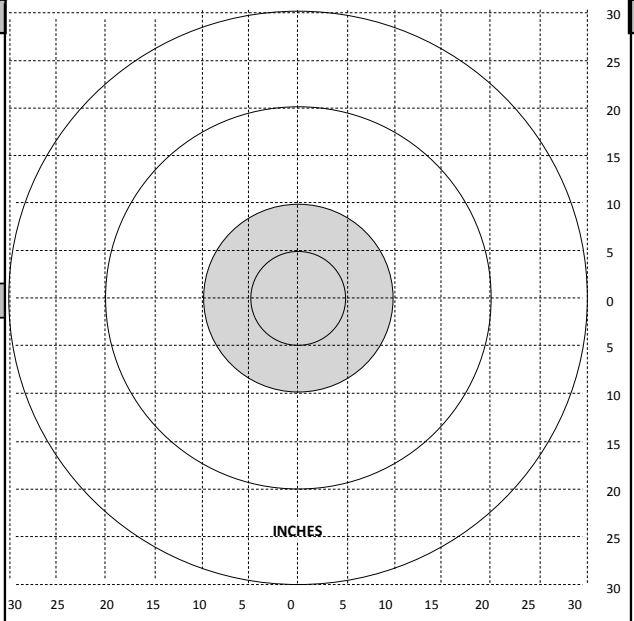
WEATHER DATA

LIGHT



- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR
- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

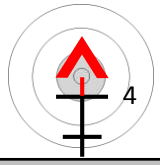
AFTER FIRING

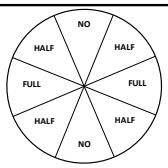


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY EIGHT

ZERO





+ WIND =

HOLDS IN INCHES

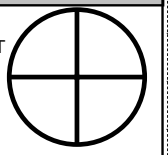
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

WEATHER DATA

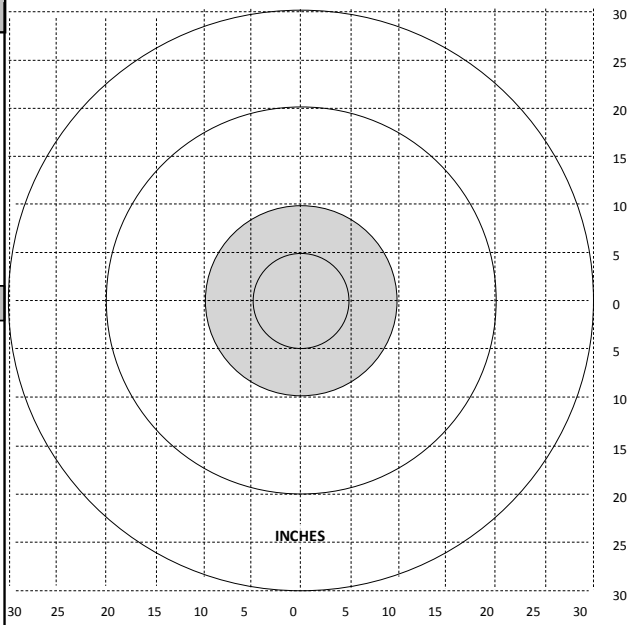
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

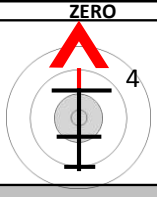
AFTER FIRING

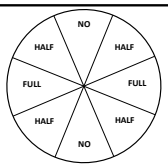


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY EIGHT

ZERO





+ WIND =

HOLDS IN INCHES

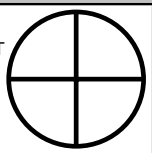
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

HOLD

WEATHER DATA

LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

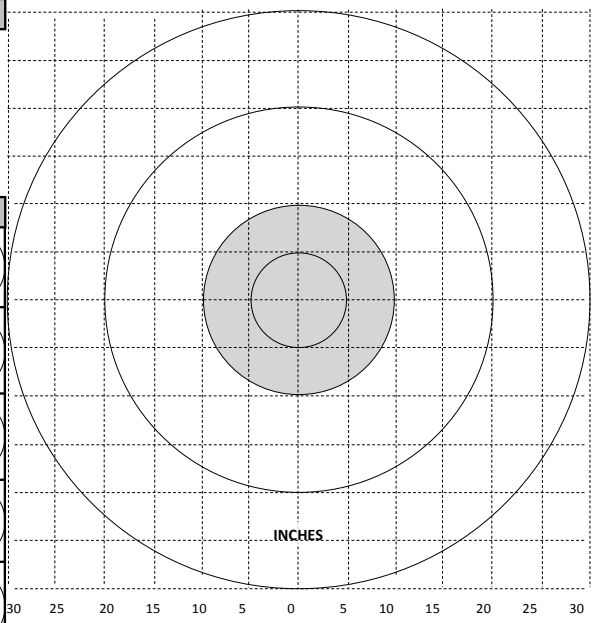


PRECIP

- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

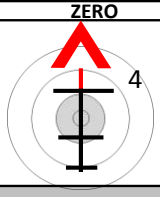


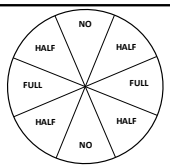
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY EIGHT

ZERO + WIND = HOLD





HOLDS IN INCHES

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

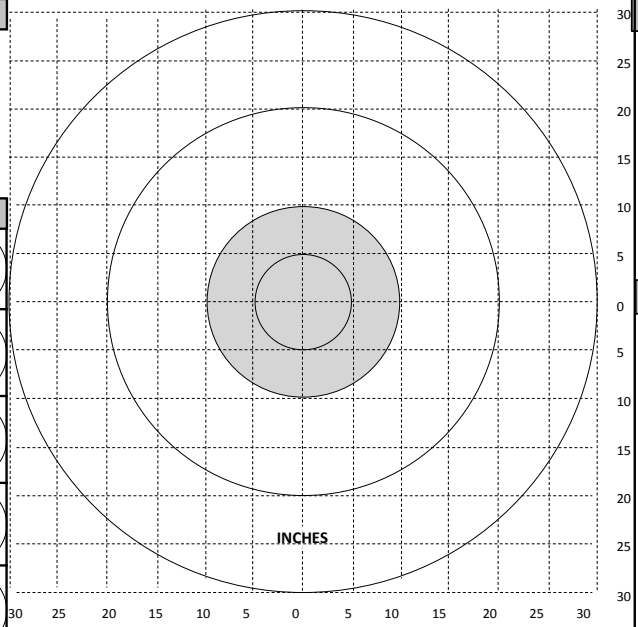
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

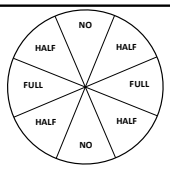


AFTER FIRING

REMARKS

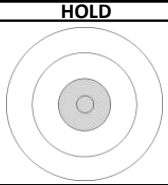
200 YARD SLOW-FIRE — BEFORE FIRING — DAY NINE

ZERO + WIND = HOLD



HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



WEATHER DATA

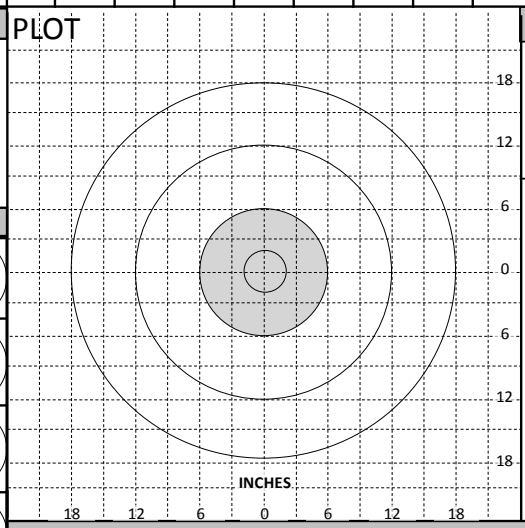
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



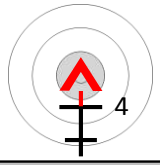
AFTER FIRING

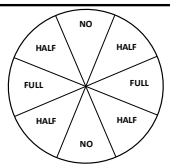
SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY NINE

ZERO





+ WIND =

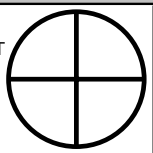
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

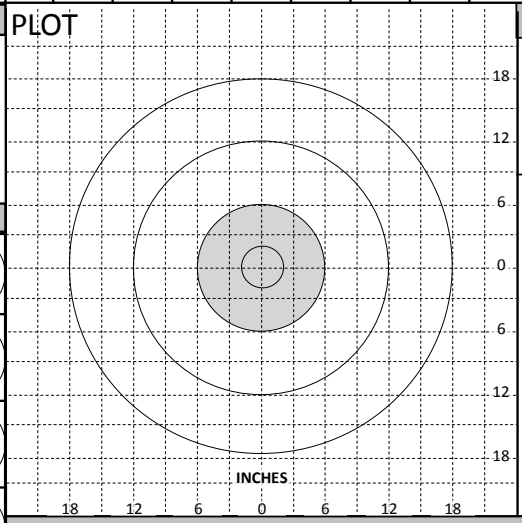


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



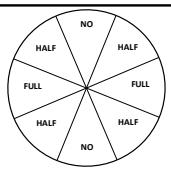
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY NINE

ZERO



+ WIND =

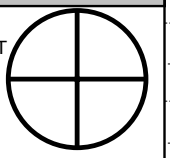
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

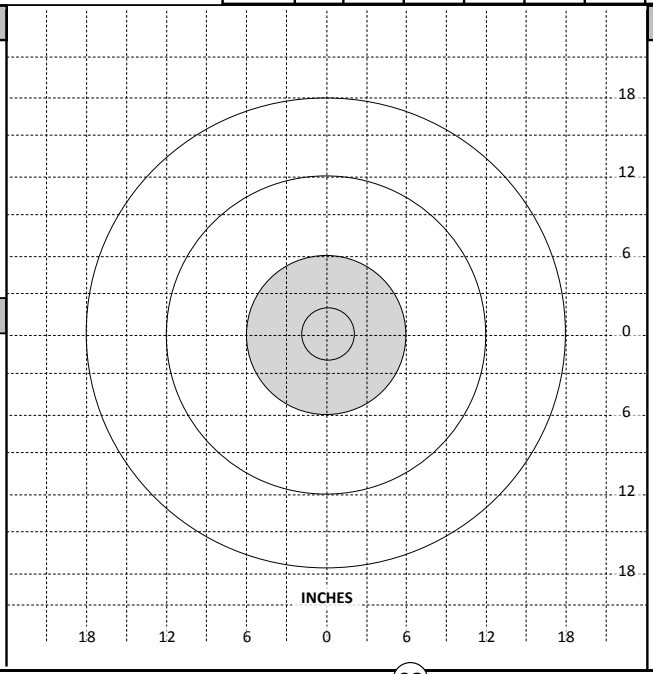
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

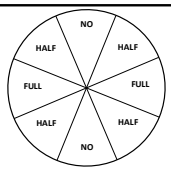
AFTER FIRING



REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY NINE

ZERO + WIND = HOLD



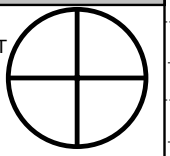
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

WEATHER DATA

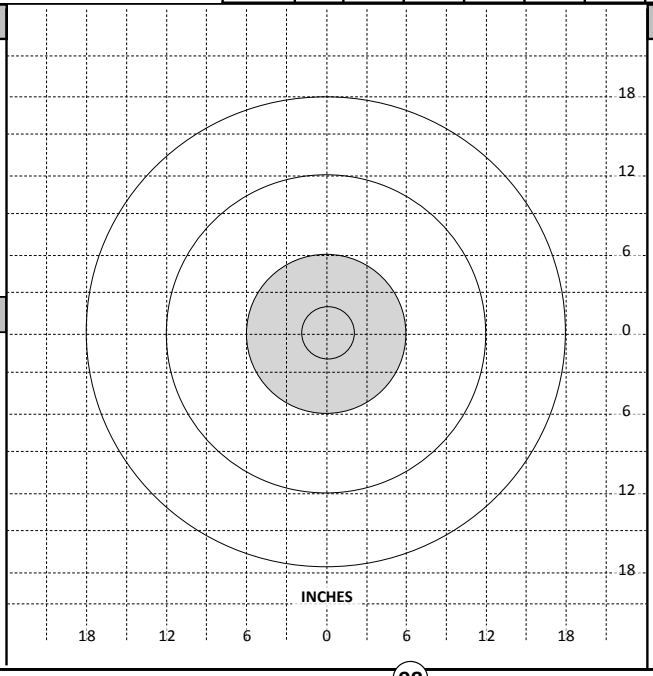
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

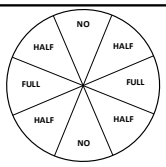
AFTER FIRING



REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY NINE

ZERO + WIND = HOLD



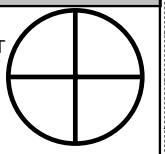
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

WEATHER DATA

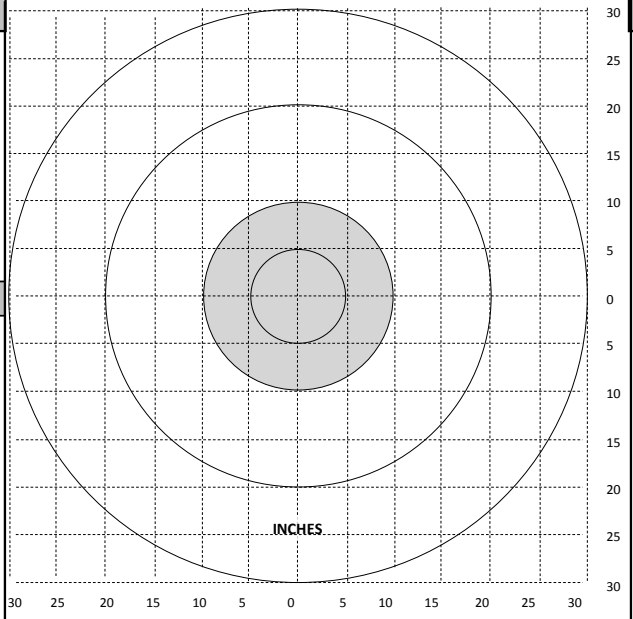
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

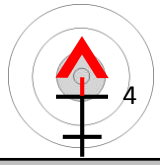
AFTER FIRING

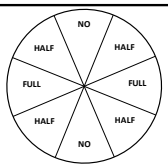


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY NINE

ZERO





+ WIND =

HOLDS IN INCHES

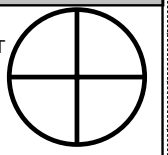
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

HOLD

WEATHER DATA

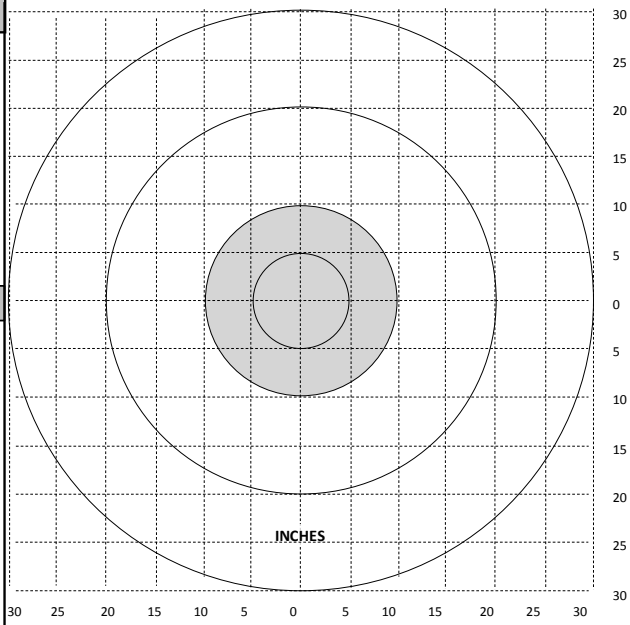
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

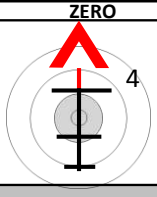
AFTER FIRING

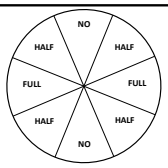


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY NINE

ZERO





+ WIND =

HOLDS IN INCHES

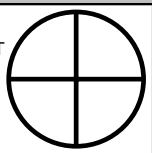
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	17	20	35	40	52	60	69	81	87	101
HALF	8	10	17	20	26	30	34	40	43	50

HOLD

WEATHER DATA

LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

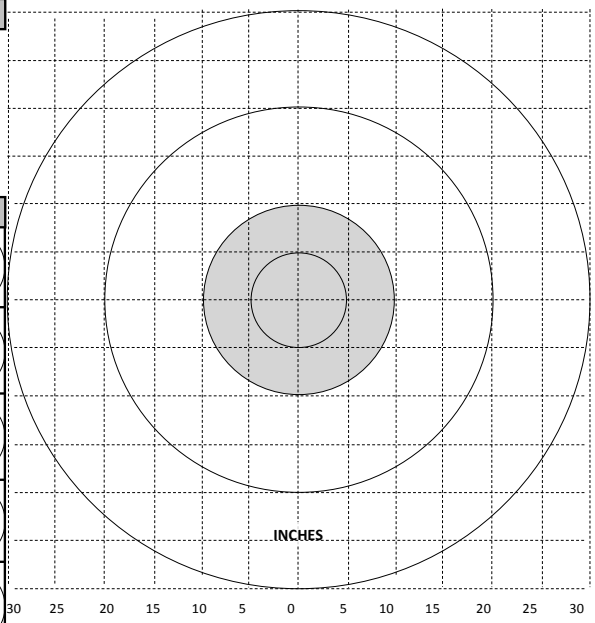


PRECIP

- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

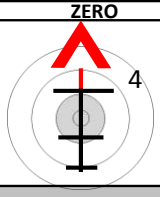


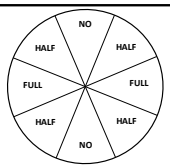
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY NINE

ZERO





+ WIND =

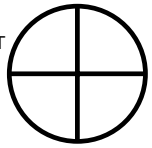
HOLDS IN INCHES

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

HOLD

WEATHER DATA

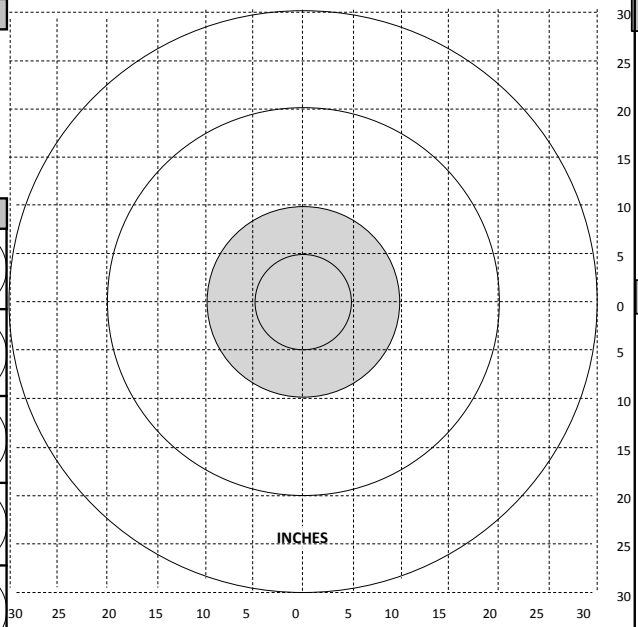
LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

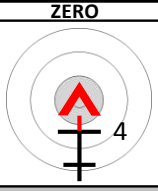


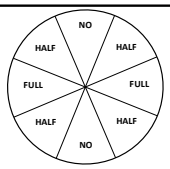
AFTER FIRING

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY TEN

ZERO



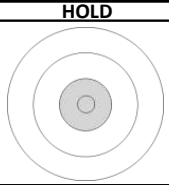


+ WIND =

HOLDS IN INCHES

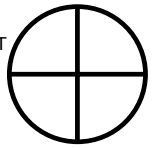
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

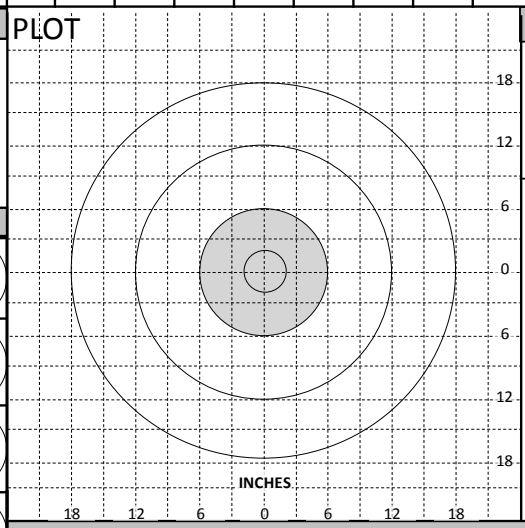


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



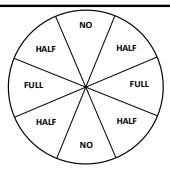
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD SLOW-FIRE — BEFORE FIRING — DAY TEN

ZERO

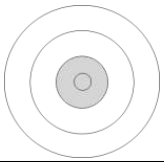


+ WIND =

HOLDS IN INCHES

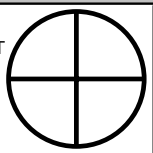
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD



WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

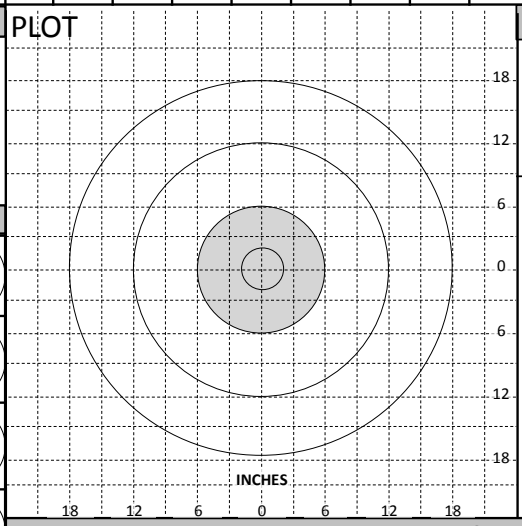


PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

PLOT



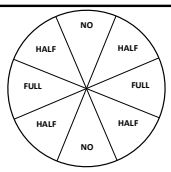
AFTER FIRING

SIGHT PICTURE ADJUSTMENT (WITHOUT WIND)

REMARKS

200 YARD RAPID-FIRE — BEFORE FIRING — DAY TEN

ZERO



+ WIND =

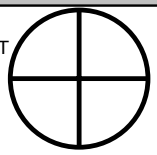
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9

HOLD

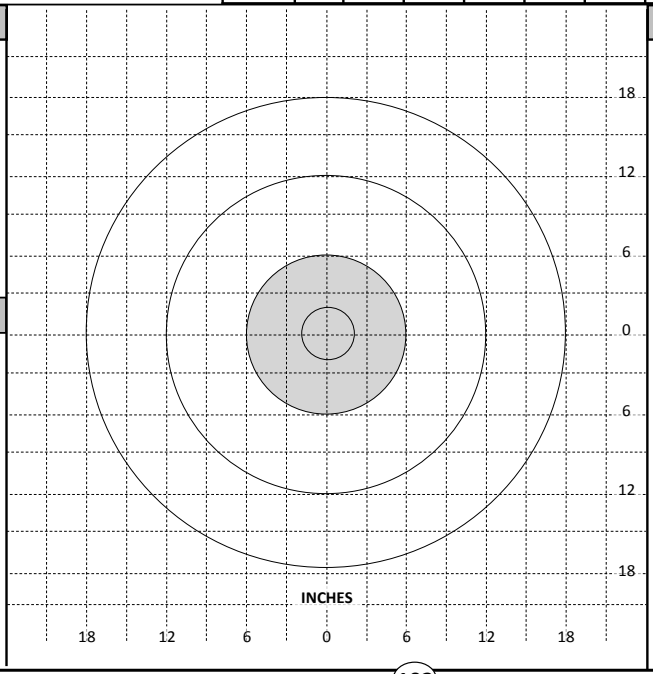
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

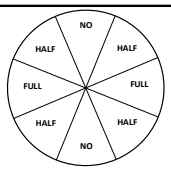
AFTER FIRING



REMARKS

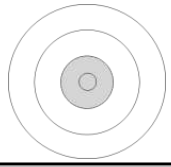
200 YARD RAPID-FIRE — BEFORE FIRING — DAY TEN

ZERO + WIND = HOLD



HOLDS IN INCHES

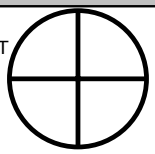
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	2	3	5	5	7	8	9	10	11	19
HALF	1	1	2	2	3	4	4	5	5	9



WEATHER DATA

LIGHT

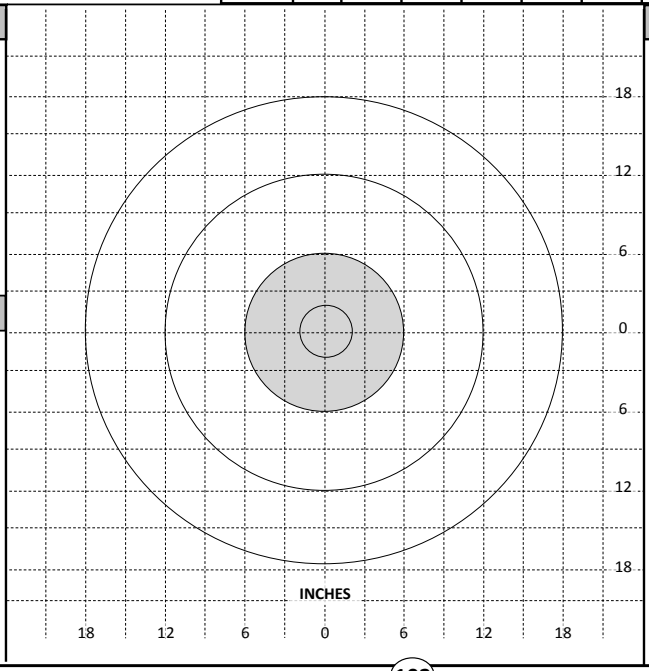
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

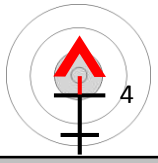
AFTER FIRING

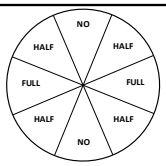


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY TEN

ZERO + WIND = HOLD





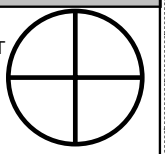
HOLDS IN INCHES

VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16

WEATHER DATA

LIGHT

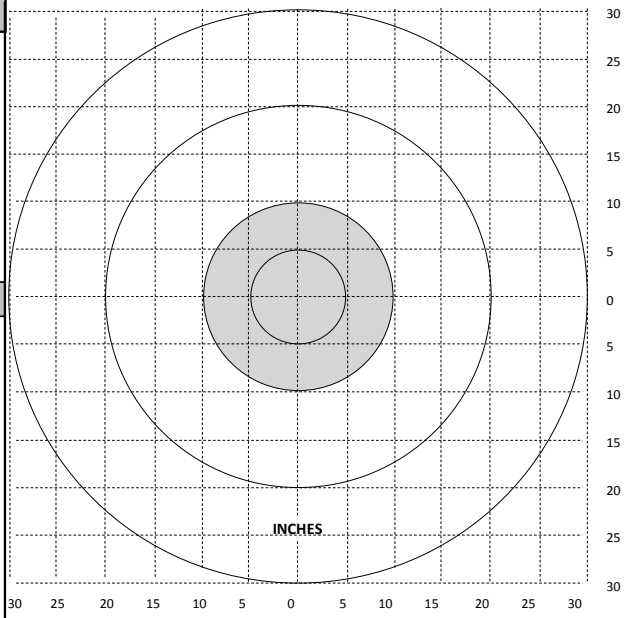
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



☐ DRY ☐ LT RAIN

☐ MIST ☐ HVY RAIN

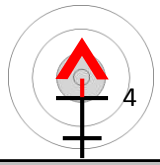
AFTER FIRING

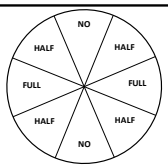


REMARKS

300 YARD RAPID-FIRE — BEFORE FIRING — DAY TEN

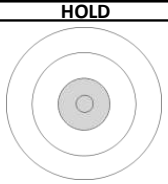
ZERO + WIND = HOLD





HOLDS IN INCHES

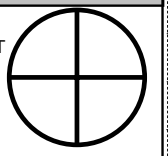
VALUE	5mph M16A4	5mph M4	10mph M16A4	10mph M4	15mph M16A4	15mph M4	20mph M16A4	20mph M4	25mph M16A4	25mph M4
FULL	5	6	11	13	16	18	22	25	27	32
HALF	2	3	5	6	8	9	11	12	13	16



WEATHER DATA

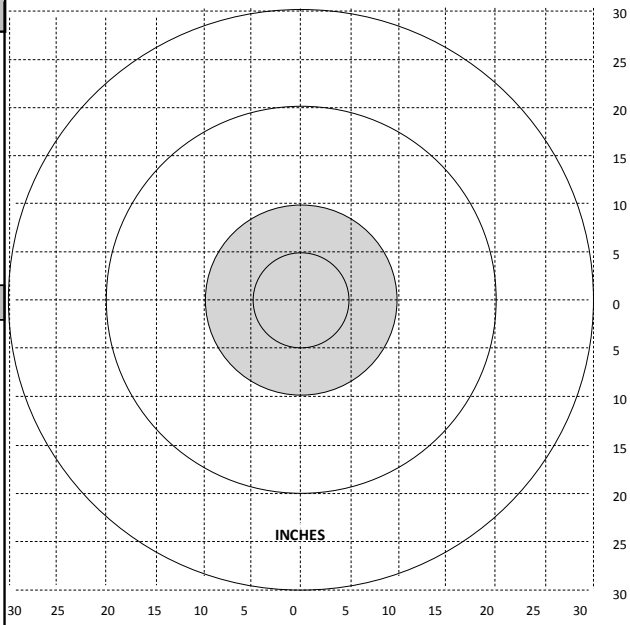
LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR



- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

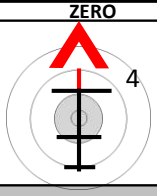
AFTER FIRING

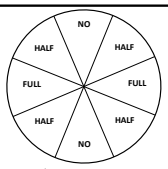


REMARKS

500 YARD SLOW-FIRE — BEFORE FIRING — DAY TEN

ZERO + WIND = HOLD





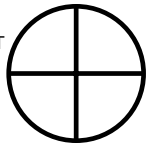
HOLDS IN INCHES

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

WEATHER DATA

LIGHT

- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

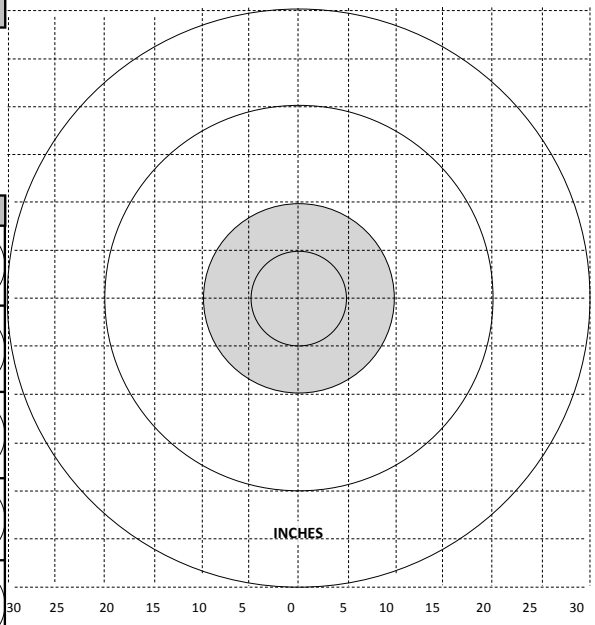


PRECIP

- ☐ DRY ☐ LT RAIN
- ☐ MIST ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20

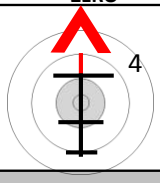


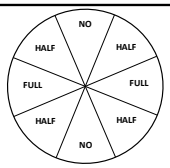
AFTER FIRING

REMARKS

500 YARD SLOW-FIRE | **BEFORE FIRING** | **DAY TEN**

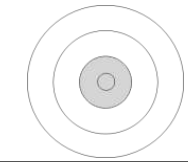
ZERO + **WIND** = **HOLD**





HOLDS IN INCHES

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



AFTER FIRING

REMARKS

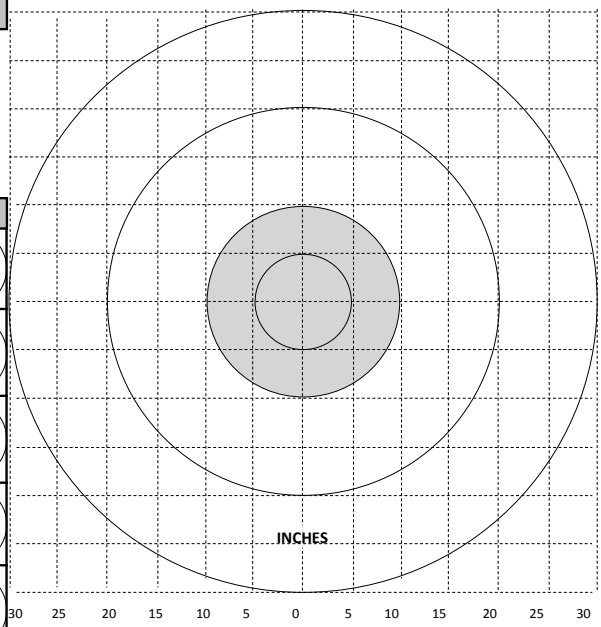
WEATHER DATA

LIGHT
- ☐ OVERCAST
- ☐ PARTLY CLOUDY
- ☐ CLEAR

PRECIP
- ☐ DRY
- ☐ LT RAIN
- ☐ MIST
- ☐ HVY RAIN

DURING FIRING

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



"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

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