

**ALL-WEATHER**  
**ANNUAL RIFLE QUALIFICATION SHOOTER BOOK**  
**M16A4/M4 SERVICE RIFLE WITH OPTIC**

LAST NAME, INITIALS:

UNIT:

WEAPON SERIAL #:

OPTIC SERIAL #:

RANGE:

TARGET:

RELAY:

DATE:

THIS PRODUCT PRINTED ON  
*Rite in the Rain.*

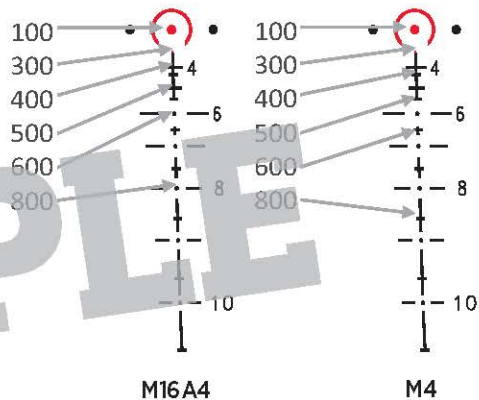
USE A PENCIL  
 — OR —  
 ALL-WEATHER PEN

COLLIMATOR SETTING

ALPHA	NUMERIC



# M7 RCO RETICLE RANGING AND POINTS OF AIM



RCO / M855  
1 CLICK = 0.1 MIL

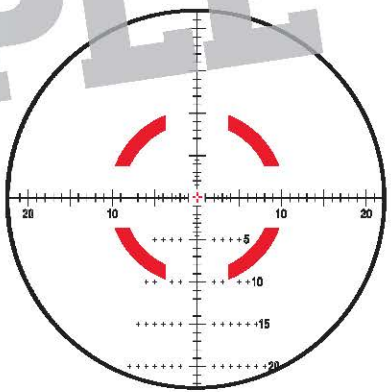


# SQUAD COMMON OPTIC RETICLE AND DOPE CHART

Range yd	Mil Hold	Range m	Mil Hold
100	0	100	0
200	0.1	200	0.4
300	0.6	300	1.3
400	1.5	400	2.3
500	2.6	500	3.6



1X ZOOM



8X ZOOM

# DETERMINING WIND HOLDS

## Wind Holds in Mils

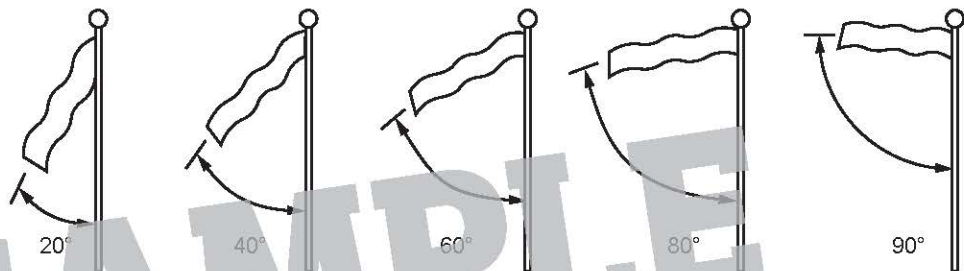
	5 mph		10 mph		15 mph		20 mph		25 mph	
Yards	Full	Half	Full	Half	Full	Half	Full	Half	Full	Half
200	.3	.1	.7	.3	1	.4	1.2	.6	1.5	.7
300	.5	.2	1	.5	1.5	.8	2	1	2.5	1.2
500	1	.4	2	1	3	1.4	3.8	1.8	4.8	2.4

## Mils inch size at Yards

- 100yds = 3.6"
- 200yds = 7.2"
- 300yds = 10.8"
- 400yds = 14.4"
- 500yds = 18" (1 ½ ft)
- 600yds = 21.6"



## DETERMINING WIND HOLDS



5 MPH

10 MPH

15 MPH

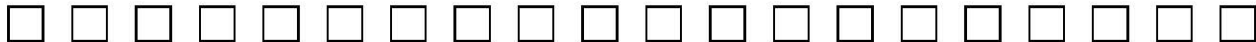
20 MPH

25 MPH

RANGE	WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE		WIND VALUE	
	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"

# ANNUAL RIFLE QUALIFICATION DAY 1 HOLDS

DISTANCE	STAGE	ROUNDS PER ITERATION	TIME	POSITION(S)	ITERATIONS	TOTAL ROUNDS
100	Zero Confirmation	5	60	Prone	3	15
<b>DRILLS</b>						
25	FAILURE TO STOP	3	5	STANDING	4	12
25	BOX	6	10	STANDING	2	12
25-15	FAILURE TO STOP WHILE MOVING	3	15	STANDING	3	9
<b>DESTROYS</b>						
25	HEADSHOT	1	3	STANDING	3	3
100	HOLDS (BARRICADES)	5	60	STANDING	3	15
100	MOVERS (BARRICADES)	2	8	STAND X2, KNEE X2, ANY X2	6	12
200	HOLDS (BARRICADES)	5	60	SUPPORTED	3	15
200	MOVERS (BARRICADES)	2	8	STAND X2, KNEE X2, ANY X2	6	12
300	HOLDS	5	60	SUPPORTED	3	15
500	HOLDS	5	60	SUPPORTED	4	20



# ANNUAL RIFLE QUALIFICATION DAYS 2/3

DISTANCE	STAGE	ROUNDS PER ITERATION	TIME	POSITION(S)	ITERATIONS	TOTAL ROUNDS
<b>DESTROYS</b>						
500	SUSTAINED FIRE	5	45	PRONE	8	40
300	CONTROLLED PAIR	2	15	STAND, KNEE, PRONE	8	16
200	CONTROLLED PAIR (BARRICADES)	2	10	STAND, KNEE	7	14
200	MOVERS (BARRICADES)	2	8	STAND, KNEE	7	14
100	CONTROLLED PAIR (BARRICADES)	2	8	STAND, KNEE	7	14
100	MOVERS (BARRICADES)	2	8	STAND, KNEE	7	14
25	HEAD SHOT	1	3	STANDING	6	6
<b>DRILLS</b>						
25	FAILURE TO STOP	3	5	STANDING	4	12
25	BOX	6	10	STANDING	4	24
25-15	FAILURE TO STOP WHILE MOVING	3	15	STANDING	2	6

# ARQ TARGET DIMENSIONS



Destroy Target



Mover Target



Drill Target

Destroy Target: Full sheet print for use on the standard 6'x 6' chloroplast target frame. The body is 19.5"x 40", with a 2" halo.

Mover Target: Echo Silhouette cut to 12" across

Drill Target: Die cut to fit an "E" silhouette cardboard target. It is 19.5"x 40".

Scoring Zones:  
Head "D": 7.5"x 4.25"  
Thoracic cavity "D": 11.5"x 9"







## SHOOTER'S NOTES

SAMPLE





## SHOOTER'S NOTES

SAMPLE





## SHOOTER'S NOTES

SAMPLE

# 25 METER HEAD SHOT HOLDS



Iteration 1



Iteration 2



Iteration 3



Final Hold

WIND  
DIRECTION



EST SPEED

\_\_\_\_\_

LIGHT CONDITIONS

- CLEAR
- OVERCAST
- PARTLY CLOUDY



PRECIPITATION

- DRY
- MIST
- LT RAIN
- HVY RAIN

SHOOTER NOTES

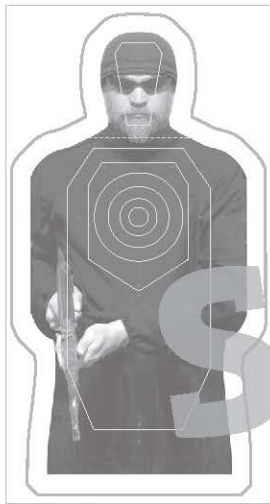




## SHOOTER'S NOTES

SAMPLE

# 100 METER HOLDS



Iteration 1



Iteration 2



Iteration 3



Final Hold

WIND  
DIRECTION

EST SPEED

\_\_\_\_\_



LIGHT CONDITIONS

- CLEAR
- OVERCAST
- PARTLY CLOUDY



PRECIPITATION

- DRY
- MIST
- LT RAIN
- HVY RAIN

SHOOTER NOTES

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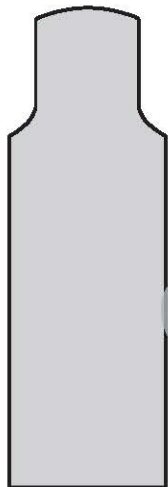




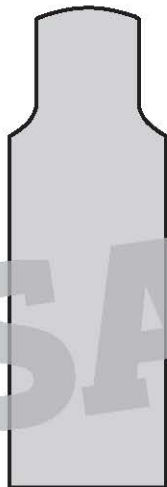
## SHOOTER'S NOTES

SAMPLE

# 100 YARD MOVING TARGET ENGAGEMENT



Iteration 1



Iteration 2



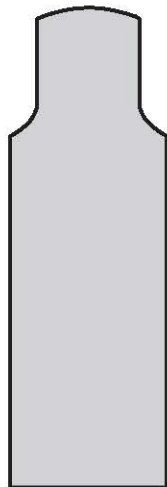
Iteration 3



Iteration 4



Iteration 5



Iteration 6

WIND  
DIRECTION



EST SPEED

\_\_\_\_\_

LIGHT CONDITIONS

- CLEAR
- OVERCAST
- PARTLY CLOUDY



PRECIPITATION

- DRY
- MIST
- LT RAIN
- HVY RAIN

SHOOTER NOTES





## SHOOTER'S NOTES

SAMPLE

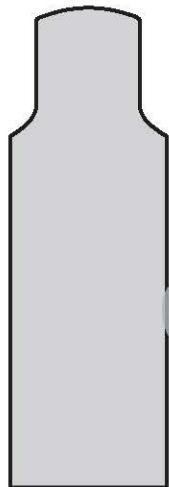




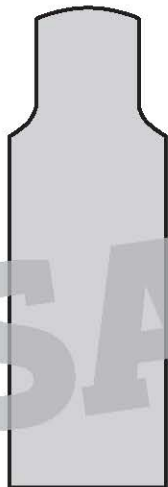
## SHOOTER'S NOTES

SAMPLE

# 200 YARD MOVING TARGET ENGAGEMENT



Iteration 1



Iteration 2



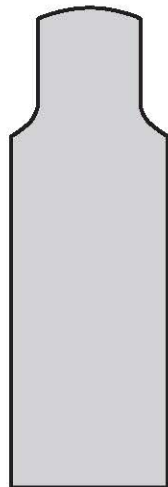
Iteration 3



Iteration 4



Iteration 5



Iteration 6

WIND  
DIRECTION



EST SPEED

\_\_\_\_\_

LIGHT CONDITIONS

- CLEAR
- OVERCAST
- PARTLY CLOUDY



PRECIPITATION

- DRY
- MIST
- LT RAIN
- HVY RAIN

SHOOTER NOTES





## SHOOTER'S NOTES

SAMPLE



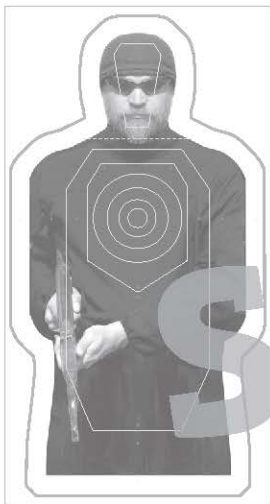




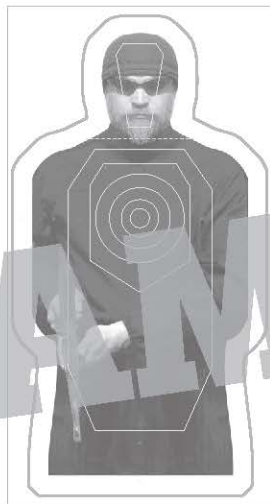
## SHOOTER'S NOTES

SAMPLE

# 500 METER HOLDS



Iteration 1



Iteration 2



Iteration 3



Final Hold

WIND  
DIRECTION



EST SPEED

\_\_\_\_\_

LIGHT CONDITIONS

- CLEAR
- OVERCAST
- PARTLY CLOUDY



PRECIPITATION

- DRY
- MIST
- LT RAIN
- HVY RAIN

SHOOTER NOTES

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## SHOOTER'S NOTES

SAMPLE