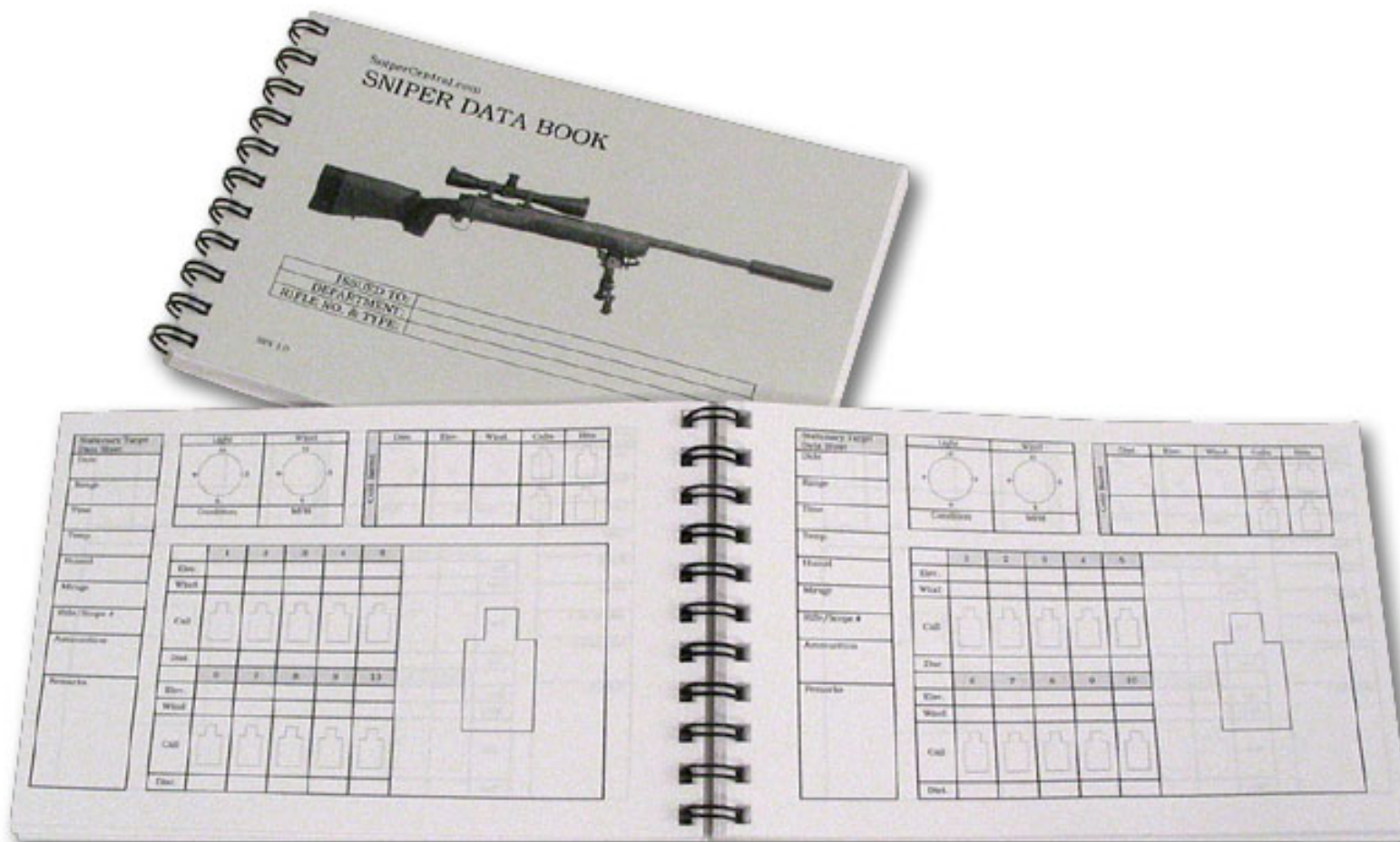




DATA BOOK





DATA BOOK



- Purpose of the Data Book
- Record tri fire data
- Record slow fire data
- Record rapid fire data
- Compare true zeros



LEARNING OBJECTIVES



Please Read Your

Terminal Learning Objectives

And

Enabling Learning Objectives





DATA BOOK



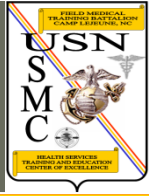
Purpose

- Shot by shot, group by group
page by page review of firing
- Helps coach pin point weaknesses
so performance can be corrected





200 YARD TRI-FIRE

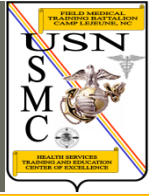


Recording data before firing

- Recording information in the data book prior to firing saves valuable time on the firing line
- In the BEFORE FIRING section of the data book, record the following:



200 YARD TRI-FIRE



Recording data before firing

- Initial Sight Setting: Front Elev
- Initial Sight Setting: Rear Elev
- Initial Sight Setting: Wind



200 YARD TRI-FIRE



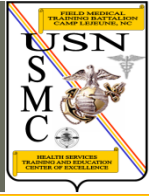
Recording data before firing

- Prior to firing, check the wind to determine sight adjustment. Look for:
 - Direction
 - Value
 - Speed

BEFORE FIRING			200-YARD SLOW FIRE (DAY ONE)			SITTING								
TRUE ZERO			PLUS WIND =			ZERO								
FRONT ELEVATION	REAR ELEVATION	WIND	<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> DIRECTION </div> <div> SPEED </div> </div>			FRONT ELEVATION	REAR ELEVATION	WIND						
_____ ↑ _____ ↓	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L				_____ ↑ _____ ↓	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L						
DURING FIRING			P L O T			REMARKS								
CALL														
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">1 </div> <div style="text-align: center;">2 </div> <div style="text-align: center;">3 </div> </div>														
ELEV														
WIND														
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">4 </div> <div style="text-align: center;">5 </div> </div>														
ELEV														
WIND														
AFTER FIRING														
ZERO									MINUS WIND =			TRUE ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND							<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> DIRECTION </div> <div> SPEED </div> </div>			FRONT ELEVATION	REAR ELEVATION	WIND
_____ ↑ FMST WP 5 _____ ↓	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L				_____ ↑ _____ ↓	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L						

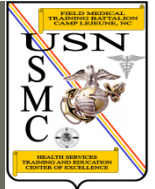


200 YARD TRI-FIRE



Recording data during fire (Tri-fire)

- Fire initial three shots
- Make sight/wind adjustments based off grouping
- Fire next three round group
- Make sight adjustments based off grouping
- Fire final four round group



BEFORE FIRING			200-YARD SLOW FIRE (DAY ONE)			SITTING		
TRUE ZERO			PLUS WIND =			ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND	DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
<div style="display: flex; justify-content: space-between;"> <div> <div style="width: 50px; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: -10px;">↑</div> </div> <div style="width: 50px; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: 10px;">↓</div> </div> </div> <div> <div>8/3 - 3</div> <div>8/3 - 2</div> <div>8/3 - 1</div> <div>8/3</div> </div> <div> <div>_____ R</div> <div>_____ L</div> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1/2</div> <div>1/2</div> <div>1/2</div> <div>1/2</div> </div> <div style="display: flex; justify-content: space-around;"> <div>PULL</div> <div>PULL</div> <div>PULL</div> <div>PULL</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1-5 MPH</div> <div>6-10 MPH</div> <div>11-15 MPH</div> <div>16+ MPH</div> </div> <div style="display: flex; justify-content: space-around;"> <div>PULL</div> <div>PULL</div> <div>PULL</div> <div>PULL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>HALF</div> <div>HALF</div> <div>HALF</div> <div>HALF</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>8/3 - 3</div> <div>8/3 - 2</div> <div>8/3 - 1</div> <div>8/3</div> </div> <div> <div>_____ R</div> <div>_____ L</div> </div>					
DURING FIRING			P L O T			REMARKS		
CALL								
1 2 3								
ELEV								
WIND								
4 5								
ELEV								
WIND								
AFTER FIRING								
FRONT ELEVATION	REAR ELEVATION	WIND	DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
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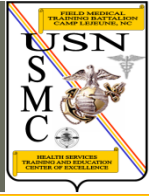
RECORDING DATA FOR SLOW FIRE



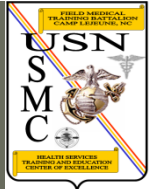
- **True Zero:** Based off tri-fire
- **Wind:** Set prior to first shot and during (Full/Half)
- **Zero:** New setting after sights changed if any



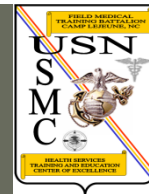
RECORDING DATA FOR SLOW FIRE



- **Recording Data During Firing**
- Fire the First Shot
- Call the Shot Accurately
- Prepare to Fire the Second Shot
- Look at Where the First Shot Hit
- Fire the Second Shot
- Call the Second Shot and Plot the First Shot
- Prepare to Fire the Third Shot
- Make a Sight Adjustment if Required
- Prepare to Fire the Fourth Shot



BEFORE FIRING			200-YARD SLOW FIRE (DAY ONE)			SITTING		
TRUE ZERO			PLUS WIND =			ZERO		
FRONT ELEVATION	REAR ELEVATION	WIND	DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND
<div style="display: flex; justify-content: space-between;"> <div> <div style="width: 50px; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: -10px;">↑</div> </div> <div style="width: 50px; border-bottom: 1px solid black; position: relative;"> <div style="position: absolute; left: -5px; top: 10px;">↓</div> </div> </div> <div> <div>8/3 - 3</div> <div>8/3 - 2</div> <div>8/3 - 1</div> <div>8/3</div> </div> <div> <div>_____ R</div> <div>_____ L</div> </div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1/2</div> <div>1/2</div> <div>1/2</div> <div>1/2</div> </div> <div style="display: flex; justify-content: space-around;"> <div>PULL</div> <div>PULL</div> <div>PULL</div> <div>PULL</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>1-5 MPH</div> <div>6-10 MPH</div> <div>11-15 MPH</div> <div>16+ MPH</div> </div> <div style="display: flex; justify-content: space-around;"> <div>PULL</div> <div>PULL</div> <div>PULL</div> <div>PULL</div> </div> <div style="display: flex; justify-content: space-around;"> <div>HALF</div> <div>HALF</div> <div>HALF</div> <div>HALF</div> </div>	<div style="display: flex; justify-content: space-around;"> <div>8/3 - 3</div> <div>8/3 - 2</div> <div>8/3 - 1</div> <div>8/3</div> </div> <div> <div>_____ R</div> <div>_____ L</div> </div>					
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CALL								
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RECORDING DATA DURING RAPID FIRE



- **True zero:** Based off current yard line slow fire
- **Wind:** Will be dependent on wind call
- **Zero:** New setting after sights changed if any



DATA BOOK



- Fire initial 10 round group
- Make mental not of each shot
- Make necessary adjustments
- Record data in PLOT box

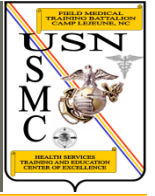
BEFORE FIRING

200-YARD RAPID FIRE (DAY ONE)

SITTING

TRUE ZERO			PLUS		WIND		ZERO																	
FRONT ELEVATION	REAR ELEVATION	WIND	DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND																
<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L				<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L																
			<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Value</td> <td>1-5 MPH</td> <td>6-10 MPH</td> <td>11-15 MPH</td> <td>16+ MPH</td> </tr> <tr> <td>FULL</td> <td>2</td> <td>3</td> <td>5</td> <td>6</td> </tr> <tr> <td>HALF</td> <td>1</td> <td>1</td> <td>2</td> <td>3</td> </tr> </table>		Value	1-5 MPH	6-10 MPH	11-15 MPH	16+ MPH	FULL	2	3	5	6	HALF	1	1	2	3					
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FULL	2	3	5	6																				
HALF	1	1	2	3																				
<div style="text-align: center;">P L O T</div>			<div style="text-align: center;">P L O T</div>			<div style="text-align: center;">REMARKS</div>																		
					<div style="text-align: center;">Windage and Elevation Adjustments</div> <div style="text-align: center;">Rear Sight Elevation: 1 click = 2" at 200yds</div> <div style="text-align: center;">Windage: 1 click = 1" at 200yds</div>																			
					<div style="text-align: center;">SECOND STRING ZERO</div>																			
FRONT ELEVATION	REAR ELEVATION	WIND				FRONT ELEVATION	REAR ELEVATION	WIND																
<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L				<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L																
ZERO			MINUS		WIND		TRUE ZERO																	
FRONT ELEVATION	REAR ELEVATION	WIND	DIRECTION	SPEED		FRONT ELEVATION	REAR ELEVATION	WIND																
<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L				<div style="text-align: center;"> ↑ _____ ↓ _____ </div>	8/3 - 3 8/3 - 2 8/3 - 1 8/3	_____ R _____ L																
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FULL	2	3	5	6																				
HALF	1	1	2	3																				

FMST WP 5



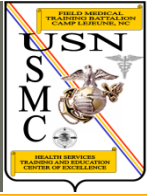


DATA BOOK



Compare True Zeros

- Will show coach if shooter needs help with applying fundamentals
- Will show coach if shooters needs help in recording data
- Will show coach if shooter needs help in making proper wind calls or sight adjustments



DATA BOOK