

## COMPUTER'S RECORD (MPI)

For use of this form, see FM 23-91; the proponent agency is TRADOC.

UNIT	DATE	TIME																																	
<b>MESSAGE TO OBSERVERS</b>		<b>OBSERVER'S READINGS</b>																																	
PREPARE TO OBSERVE MPI REGISTRATION OP# _____ DIR _____ VA <sup>+</sup> _____ OP# _____ DIR _____ VA <sup>+</sup> _____ REPORT WHEN READY TO OBSERVE		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">ROUND NO</th> <th style="width: 33%;">OP #</th> <th style="width: 34%;">OP #</th> </tr> </thead> <tbody> <tr><td>1.</td><td></td><td></td></tr> <tr><td>2.</td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td></tr> <tr><td>4.</td><td></td><td></td></tr> <tr><td>5.</td><td></td><td></td></tr> <tr><td>6.</td><td></td><td></td></tr> <tr><td>7.</td><td></td><td></td></tr> <tr><td>8.</td><td></td><td></td></tr> <tr><td>9.</td><td></td><td></td></tr> <tr><td>10.</td><td></td><td></td></tr> </tbody> </table>	ROUND NO	OP #	OP #	1.			2.			3.			4.			5.			6.			7.			8.			9.			10.		
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9.																																			
10.																																			
<b>VERTICAL ANGLE COMPUTATIONS</b>																																			
RP ALTITUDE _____  <table style="width: 100%;"> <tr> <td style="width: 50%;">OP # _____</td> <td style="width: 50%;">OP # _____</td> </tr> <tr> <td>RP ALT _____</td> <td>RP ALT _____</td> </tr> <tr> <td>OP ALT _____</td> <td>OP ALT _____</td> </tr> <tr> <td>VI <sup>+</sup> _____</td> <td>VI <sup>+</sup> _____</td> </tr> <tr> <td>OP RANGE _____</td> <td>OP RANGE _____</td> </tr> <tr> <td>W _____</td> <td>W _____</td> </tr> <tr> <td>RXM _____</td> <td>RXM _____</td> </tr> </table> <p style="text-align: center;"><i>(VI ÷ RN IN THOUSANDS = VA)</i></p>		OP # _____	OP # _____	RP ALT _____	RP ALT _____	OP ALT _____	OP ALT _____	VI <sup>+</sup> _____	VI <sup>+</sup> _____	OP RANGE _____	OP RANGE _____	W _____	W _____	RXM _____	RXM _____																				
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W _____	W _____																																		
RXM _____	RXM _____																																		
100/R _____ VI x 100/R _____ <i>(NEAREST .1)</i>	100/R _____ VI x 100/R _____ <i>(NEAREST .1)</i>																																		
VA <sup>+</sup> _____ <i>(NEAREST MIL)</i>	VA <sup>+</sup> _____ <i>(NEAREST MIL)</i>																																		
		(MUST BE SIX USABLE AZIMUTHS)  TOTAL OF AZIMUTHS <i>(ADD EACH COLUMN)</i>																																	
		AVG OF AZIMUTHS <i>(TOTAL ÷ 6)</i>																																	
		DIR TO MPI																																	
<b>DATA SECTION</b>																																			
<b>81-MM/60-MM</b>		<b>4.2-INCH</b>																																	
RP GRID _____	CHA _____	ELE _____																																	
RP ALT _____	MPI ALT _____	CHA FIRED _____																																	
MORT ALT _____	MORT ALT _____	CHA CORR <sup>+</sup> _____																																	
VI <sup>+</sup> _____	VI <sup>+</sup> _____	VI _____																																	
ALT CORR <sup>+</sup> _____	ALT CORR <sup>+</sup> _____	<i>(USE THIS VI TO COMP CHA CORR)</i> <i>(SUBTRACT IF + AND IF -)</i>																																	
<b>RP CHART DATA</b>	<b>MPI DATA</b>	CHART CHARGE TO MPI _____																																	
DEF _____	DEF _____	CHART DEFL TO MPI _____																																	
RN _____	RN _____	<i>(DRAW THE ADJ CHG GAGE LINE FROM THE MPI POINT TO THE CHART CHG OF THE MPI POINT)</i>																																	
<i>(MINUS ALT CORR)</i>	<i>(MINUS ALT CORR)</i>	CHART RANGE TO MPI _____																																	
<b>DEF CORR</b>	<b>RANGE CORR</b>	DEFL FIRED _____																																	
RP DEF _____	RP RN _____	DEFL CORR <sup>R</sup> _____																																	
MPI DEF _____	MPI RN _____	<i>(DETERMINE THE LARS CORR TO GET FROM MPI TO RP DEFL)</i>																																	
DIFF <sup>L</sup> _____	DIFF <sup>+</sup> _____																																		
DEF CORR <sup>R</sup> _____	RCF <sup>+</sup> _____																																		
<i>(TO APPLY, REVERSE SIGN)</i>	<i>(TO APPLY, REVERSE SIGN)</i>	GRID OF MPI _____																																	