COMPUTER'S RECORD (MPI)

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

UNIT DATE TIME

MESSAGE TO OBSERVERS

PREPARE TO OBSERVE MPI REGISTRATION

OP# _____ DIR _____ VA ± _____

OP# _____ DIR _____ VA ± _____

REPORT WHEN READY TO OBSERVE

VERTICAL ANGLE COMPUTATIONS

RP ALTITUDE _____

OP # _____	OP # _____
RP ALT _____	RP ALT _____
OP ALT _____	OP ALT _____
VI ± _____	VI ± _____
OP RANGE _____	OP RANGE _____
W/RXM _____	W/RXM _____

(VI ÷ RN IN THOUSANDS = VA)

100/R _____	100/R _____
VI × 100/R _____ *(NEAREST .1)*	VI × 100/R _____ *(NEAREST .1)*
VA ± _____ *(NEAREST MIL)*	VA ± _____ *(NEAREST MIL)*

OBSERVER'S READINGS

ROUND NO	OP #	OP #
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

(MUST BE SIX USABLE AZIMUTHS)

TOTAL OF AZIMUTHS *(ADD EACH COLUMN)*		
AVG OF AZIMUTHS *(TOTAL ÷ 6)*		
DIR TO MPI		

DATA SECTION

81-MM/60-MM

RP GRID _____ CHA _____ ELE _____

RP ALT _____	MPI ALT _____
MORT ALT _____	MORT ALT _____
VI ± _____	VI ± _____
ALT CORR ± _____	ALT CORR ± _____
RP CHART DATA	**MPI DATA**
DEF _____	DEF _____
RN _____	RN _____
(MINUS ALT CORR)	*(MINUS ALT CORR)*
DEF CORR	**RANGE CORR**
RP DEF _____	RP RN _____
MPI DEF _____	MPI RN _____
DIFF L/R _____	DIFF ± _____
DEF CORR L/R _____	RCF ± _____
(TO APPLY, REVERSE SIGN)	*(TO APPLY, REVERSE SIGN)*

4.2-INCH

MPI ALT _____ CHA FIRED _____

MORT ALT _____ CHA CORR ± _____

VI _____

(USE THIS VI TO COMP CHA CORR)
(SUBTRACT IF +, ADD IF -)

CHART CHARGE TO MPI _____

CHART DEFL TO MPI _____

(DRAW THE ADJ CHG GAGE LINE FROM THE MPI POINT TO THE CHART CHG OF THE MPI POINT)

CHART RANGE TO MPI _____

DEFL FIRED _____

DEFL CORR R/L _____

(DETERMINE THE LARS CORR TO GET FROM MPI TO RP DEFL)

GRID OF MPI _____

DA Form 5472-R, OCT 85 (Replaces DA Form 2399-1-R, 1 OCT 71, which is obsolete.)