

Digital Rangecard & Sector Sketch App



STANDARD RANGE CARD
For use of this form see Plr 7-10. The proponent agency is TRADOC.
May be used for all types of direct fire weapons.

SQD: A22
PLT: 2
CO: C

MAGNETIC NORTH

TOW 2

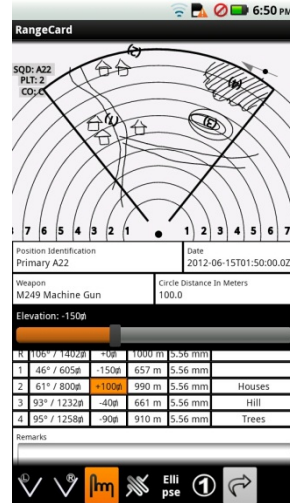
DATA SECTION

POSITION IDENTIFICATION		PRIMARY	DATE	TIME
M2		C-21	3 MAR	1140 HRS

NO.	DIRECTION	ELEVATION	RANGE	AMMUNITION	DESCRIPTION
L	350° / 5800y	+ 10 yd	2000M	TOW 2	FARMHOUSE
R	105° / 920y	+ 10 yd	2600M	TOW 2	R/SIDE WOODLINE
1	6400y	+ 30 yd	3200M	TOW 2	RP-HELLTOP
2	5910y	+ 10 yd	2700M	TOW 2	TRP-ABO02 RJ
3	60y	- 10 yd	1800M	TOW 2	TRP-ABO02 RJ

REMARKS: 4 WRP - RJ AT 13629411, 100° AT 320M

DA FORM 5517-R, FEB 88



TECHNOLOGY (TRL 6)

- Android 2.2+ app
- Extends & enhances 5517-R
- Adds context-driven menu tasks
- Automates bearing, range, GPS, etc
- Wireless transfer to other devices



SCHEDULE

- Version 1.0 developed as prototype for user feedback in late 2010
- Version 2.0 developed early 2012
 - Adds tablet support
 - Adds Sector Sketch capability
- Sniper support under development

IMPACT

- Quicker OPTEMPO
- Auto-fills ranges, compass, coordinates
- Leader can automatically assemble multiple rangecards into a Sector Sketch
- Text entry reduces handwriting issues
- Embedded training
- Future versions: icons, digital terrain topo