

Tactics for the Field Artillery

Groundings of the field artillery mission in operations



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Groundings of the field artillery mission in operations

Basic and recommended reading:

Basic:

Pub-31-10-01. *Pozemní síly v operacích*. Vyškov: O.doktrín VeV-VA, 2011. 294 s. Kapitola 12.1 – 12.2.

Pub-31-10-02. *Taktika pozemních sil*. Vyškov: O.doktrín VeV-VA, 2011. 337 s., Kapitola 3.2.1.3 – 3.2.1.4

Pub-35-14-01. *Bojové použití dělostřelectva*. Vyškov: O.doktrín VeV-VA, 2013. 203 s. Kapitola 1 a 3.

POTUŽÁK, L., VONDRÁK, J. Situační značky a zkratky- dělostřelectvo. Brno: UO, 2009. 49 s. [S-3082]

Groundings of the field artillery mission in operations

Basic and recommended reading:

Recommended:

POTUŽÁK, L., VONDRÁK, J., SOTULÁŘ, B., SOBARŇA, M. Základní pojmový aparát pozemního dělostřelectva AČR. Brno: UO, 2011. 130 s. [S-10053]

APP 6(C). *NATO Joint Military Symbolology (STANAG 2019)*. NSA, 2011.

AAP-6, *NATO Glossary of Terms and Definitions (STANAG 3680)*, NSA, 2007.

Pub-74-14-01. *Pravidla střelby a řízení palby*. Vyškov: Sp.doktrín ŘeVD, 2007. 256 s.

Doktrína Armády České republiky. 2. vydání. Vyškov: VeV-VA, 2010. 108 s.

Groundings of the field artillery mission in operations

Educational objective:

Set up basic terms and definitions, doctrinal groundings and principles of the field artillery combat employment

Groundings of the field artillery mission in operations

Content:

- 1) Basic terms and definitions of the Field artillery (FA) and Fire support (FS)
- 2) Artillery fire and its effects
- 3) Military symbology for the Field artillery
- 4) Doctrinal groundings for the Field artillery combat employment
- 5) Principles of the Field artillery combat employment

1) Basic terms and definitions of FA and Fire Support (FS)

FA and FS basic terms and definition as of:

- Pub-31-10-01 *Pozemní síly v operacích*,
 - Pub-31-10-02 *Taktika pozemních sil*,
 - Pub-34-14-01 *Bojové použití dělostřelectva*.
-
- Elements of Land Forces – combat (maneuver), CS, CSS
 - Combat Support
 - Fire Support (Joint Fire Support)
 - Field artillery
 - Fire – lethal/kinetic or non-lethal fires (illumination, smoke..)

2) Artillery fire and reaching effects

The **artillery fire** is an activity associated with lethal or non-lethal reaching effect in the designated targets behind enemy lines.

- fire = effective shooting

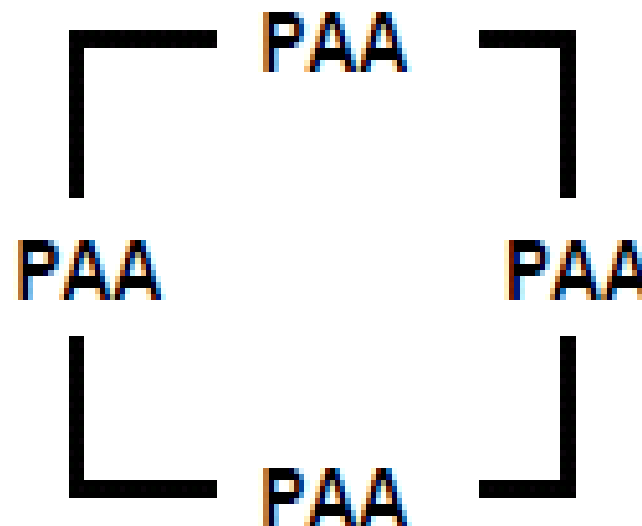
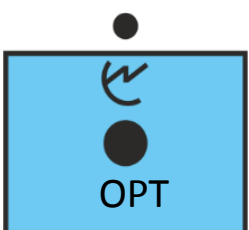
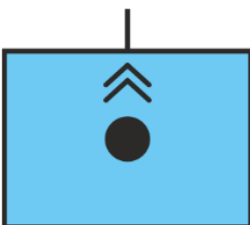
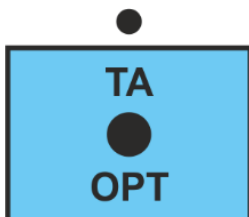
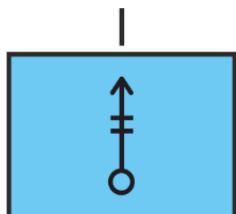
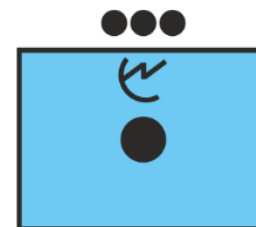
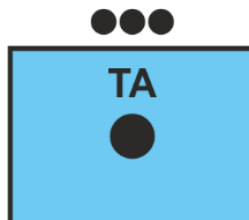
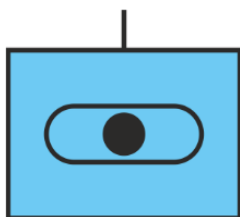
2) Artillery fire and reaching effects

FA fire, in the principle is the indirect fire.

- fire on a single point (elementary) target (trg)
- fire on a group (rectangular, linear or circular) trg
- lethal effects of fire: destroy, suppress,
- non-lethal effects of fire: harass, smoke, obscure, illuminate, mark,
- tactical division of fire: preparation fire, defensive fire, covering fire, repelling fire
- separate fire – firing platoon on elementary trg
- concentrated fire – firing battery (battalion) on group trg

3) Military symbology for the Field Artillery

- have a look into AAP 6(C) NATO Joint Military Symbology



4) Doctrinal groundings for the Field Artillery combat employment

Doctrines provide groundings for combat employment of forces incl. artillery and their development.

- Doctrinal system copy general levels of armed conflicts:
 - Political-strategic (governmental) level
 - Military-strategic (MOD / General staff) level
 - Operational level (national defence, joint operations, campaigns)
 - Tactical level (Corps and below tactical formation and units)
- National documents (Strategy, Doctrine of ACR, Pub-..types of documents)
- NATO documents (AJP, ATP, AArty types of documents)

5) Principles of the Field Artillery combat employment

To reach desired effects of the FA employment and engagements all commanders, maneuver as well as artillery must respect and stick to basic principles for combat use of artillery.

5) Principles of the Field Artillery combat employment

- Basic principles for combat use of FA:
 - concentration of artillery and its fire,
 - maneuver with artillery units and artillery fire,
 - continuous fire support and coordination (synchronization) with combat (maneuver) formations/units,
 - continuous coordination (synchronization) with the aerial (CAS, CCA) and other fires providing means.

Groundings of the field artillery mission in operations

Tasks for individual work:

- 1) Clarify the term of Field artillery and main content of its activities.
- 2) Clarify the term of Fire support and Joint fire support.
- 3) Discuss on the artillery fires and their divisions.
- 4) Reproduce (draw) set of tactical symbols used for artillery.
- 5) Clarify place of selected doctrinal documents within the doctrinal system and its meaning for combat employment of FA.
- 6) Discuss the basic principles of FA use in combat.