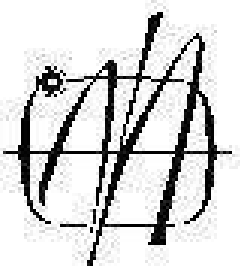
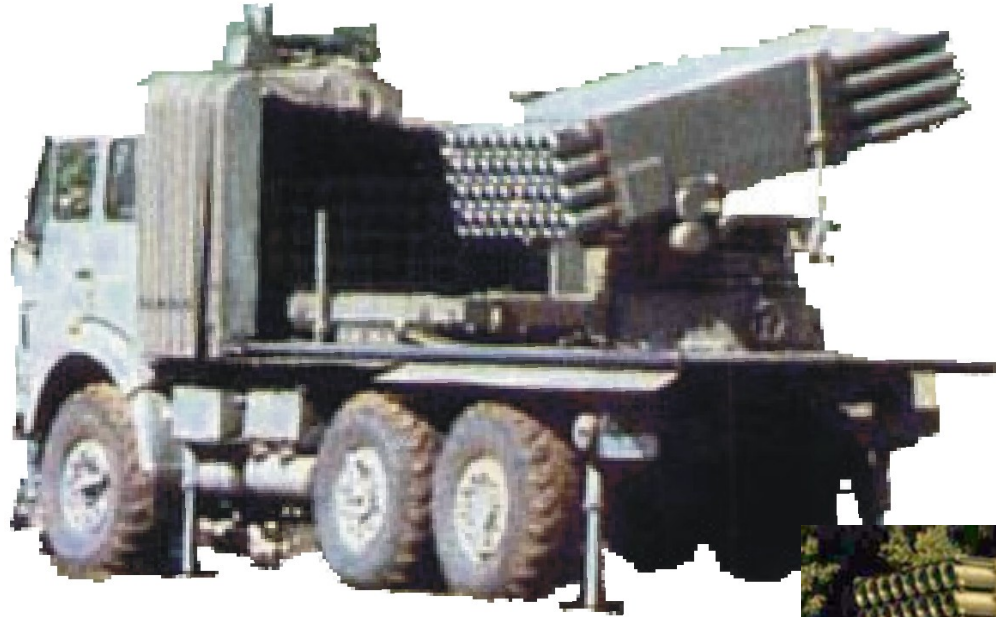


# **ARTILJERIJSKE VOĐENE I NEVOĐENE RAKETE**

**Prof. Dr Momčilo Milinović**



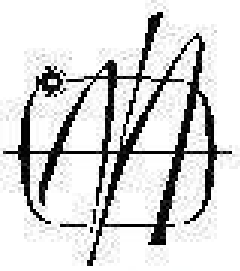
# Visecevni bacaci raketa sa fiksnim cevnim sistemom domace proizvodnje klase OGANJ



Borbeni položaj

Marsevski položaj

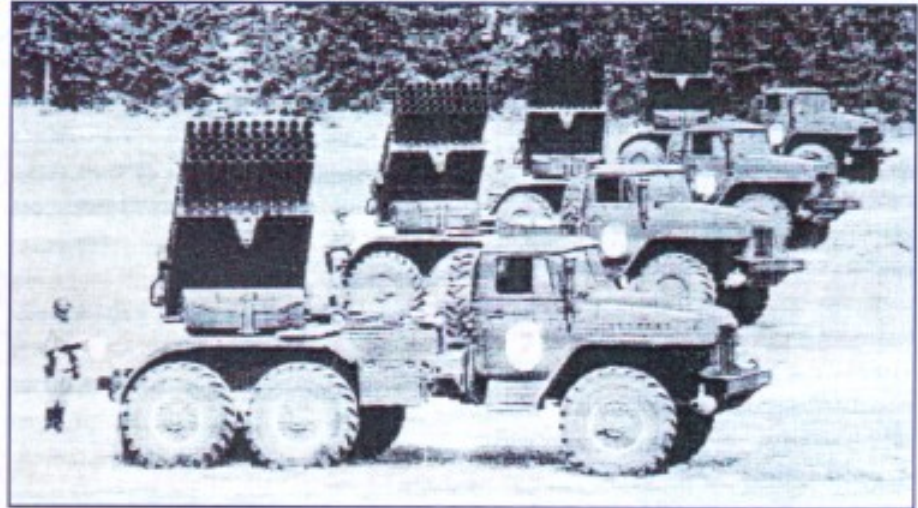




# Visecevni bacac raketa sa fiksnim cevnim sistemom Ruske I istocne proizvodnje

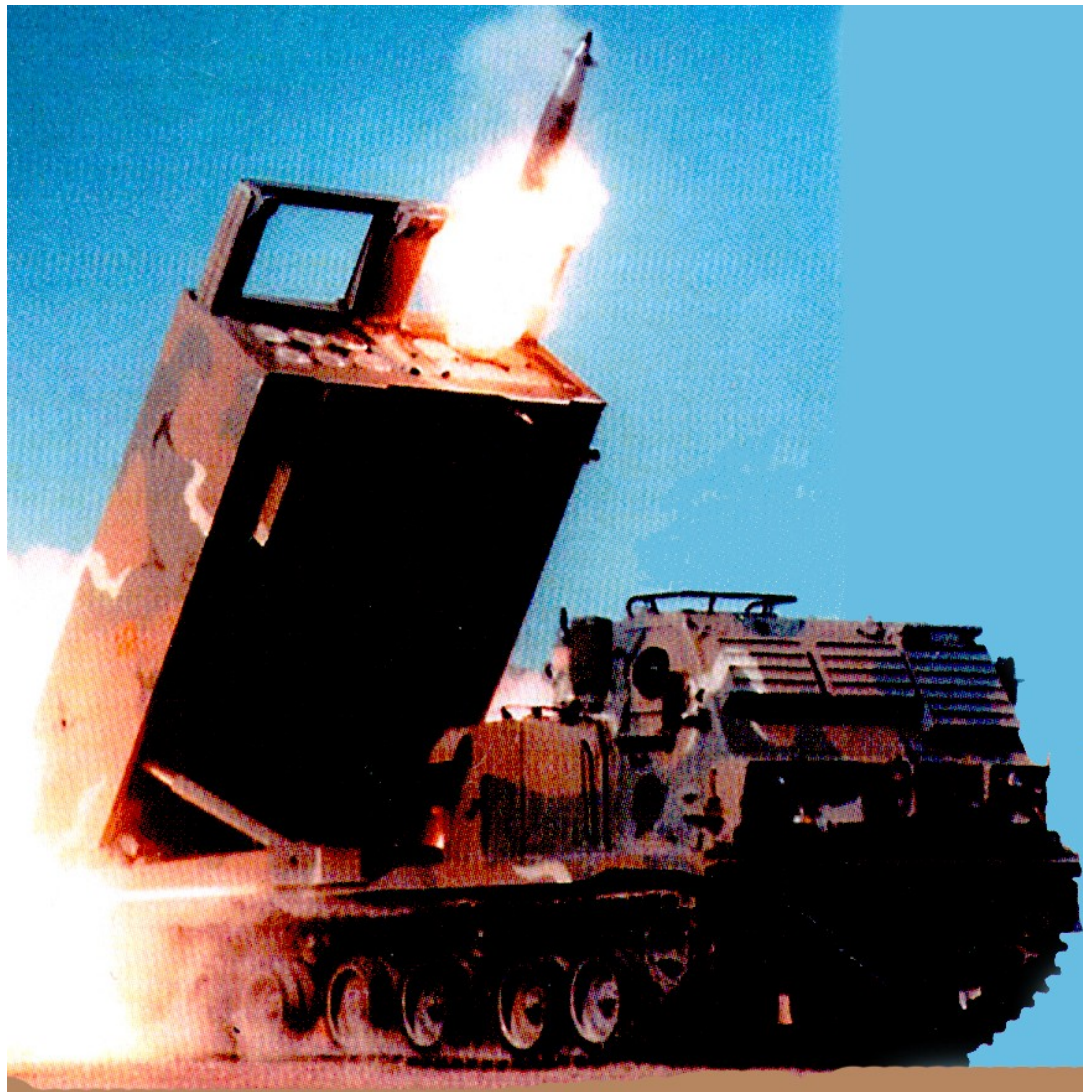
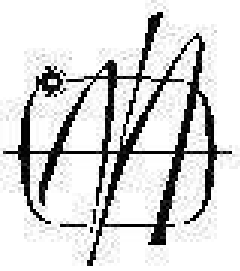
VBR- GRAD 122mm

Ruski

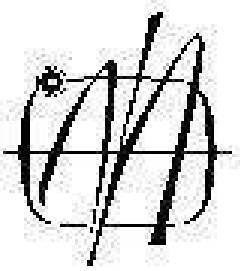


VBR- GRAD 122mm

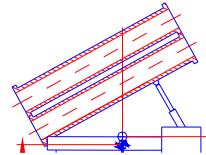
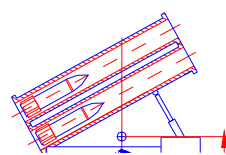
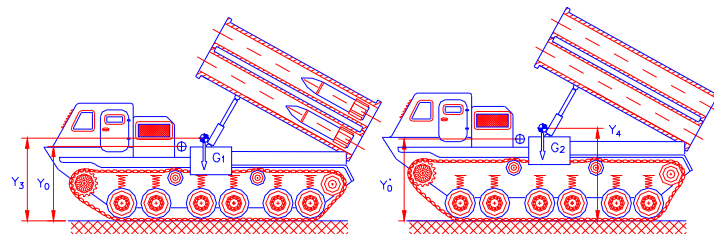
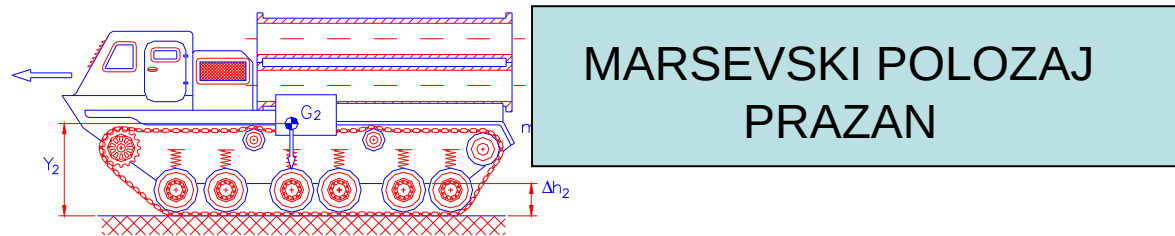
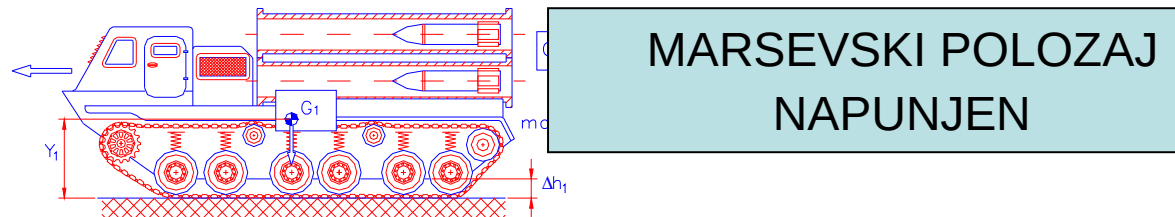
Ceski



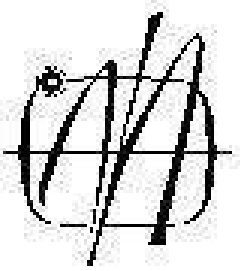
M270A1 Visecevni bacac raketa klase MLRS Americke proizvodnje



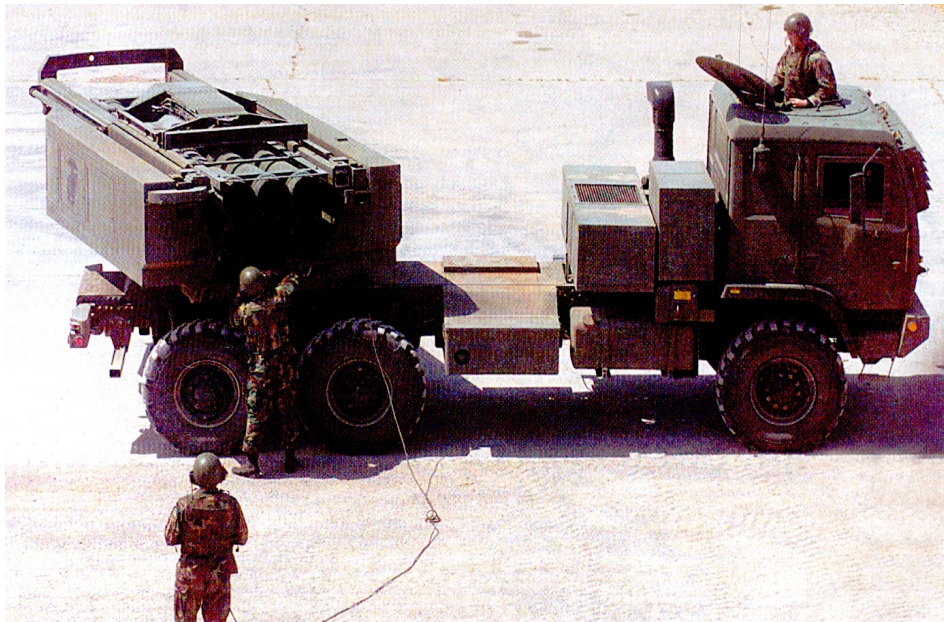
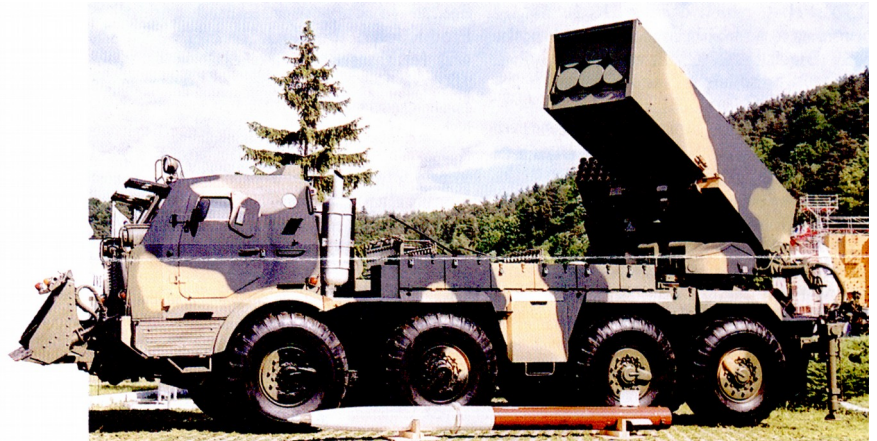
# Presek visecevnog bacaca raketa na gusenicnom vozilu americke koncepcije MLRS

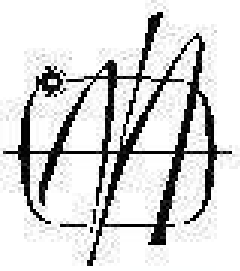


ZAUZIMANJE ELEVACIJE  
OSTVARENJE DOMETA



visecevni bacac raketa  
modularne koncepcije





# Osnovni podsklopovi visecevnog bacaca raketa Na borbenom vozilu tockasu



Lansirna platforma

Mehanizam za izbor pravca

Mehanizam za izbor elevacije

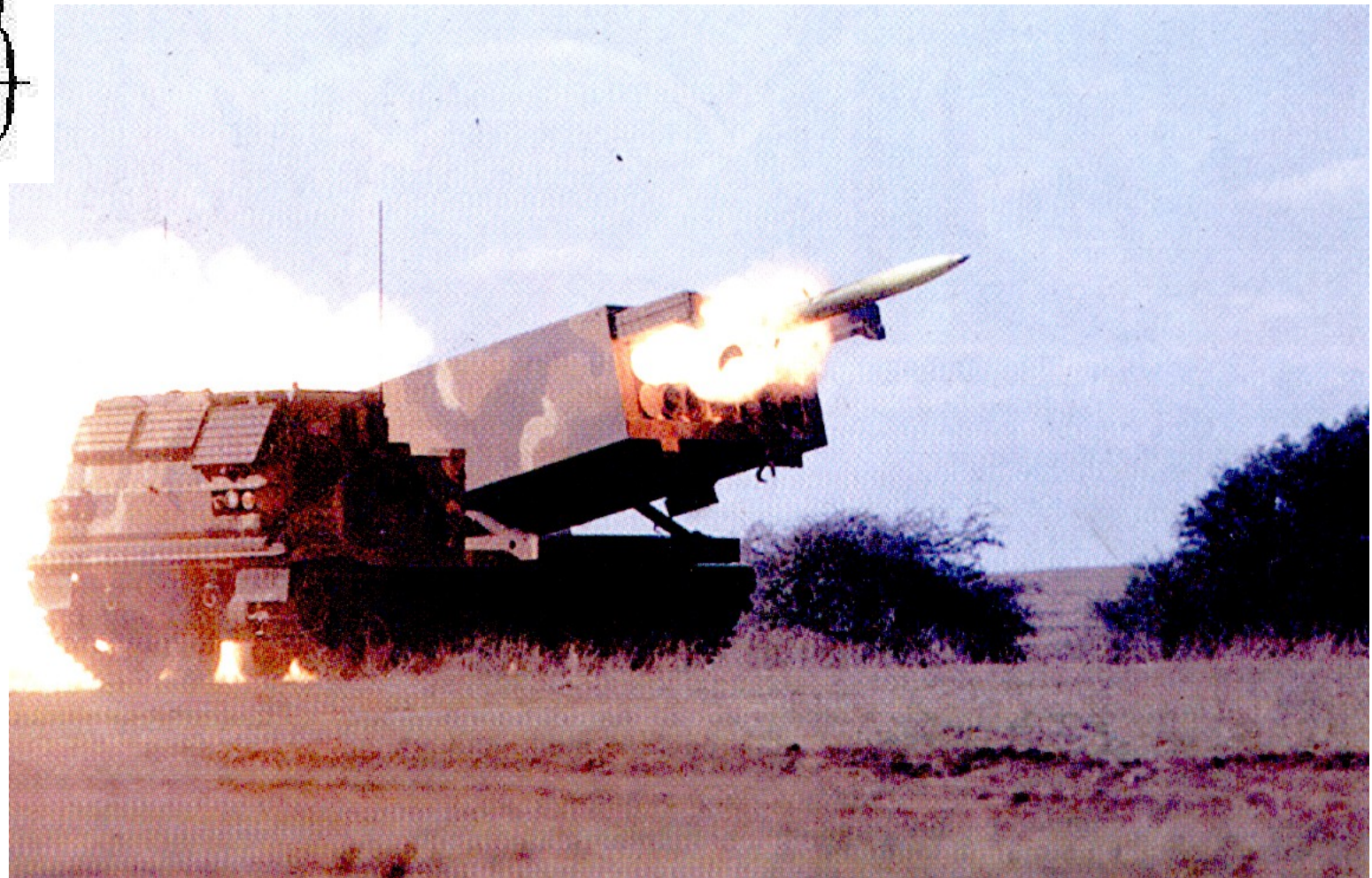
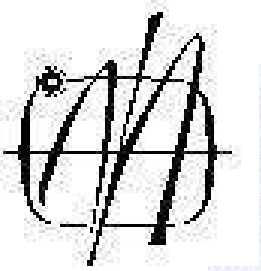
Stope za stabilizaciju  
Vozila utoku  
gadanja

Rakete sa  
lansirnim cevima  
Modularno pakovane u  
dva kontejnera

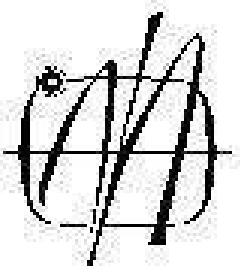
sistem za  
komunikaciju  
Naqvigaciju I  
Uprav. vatrom

Sistem zastite  
kabine

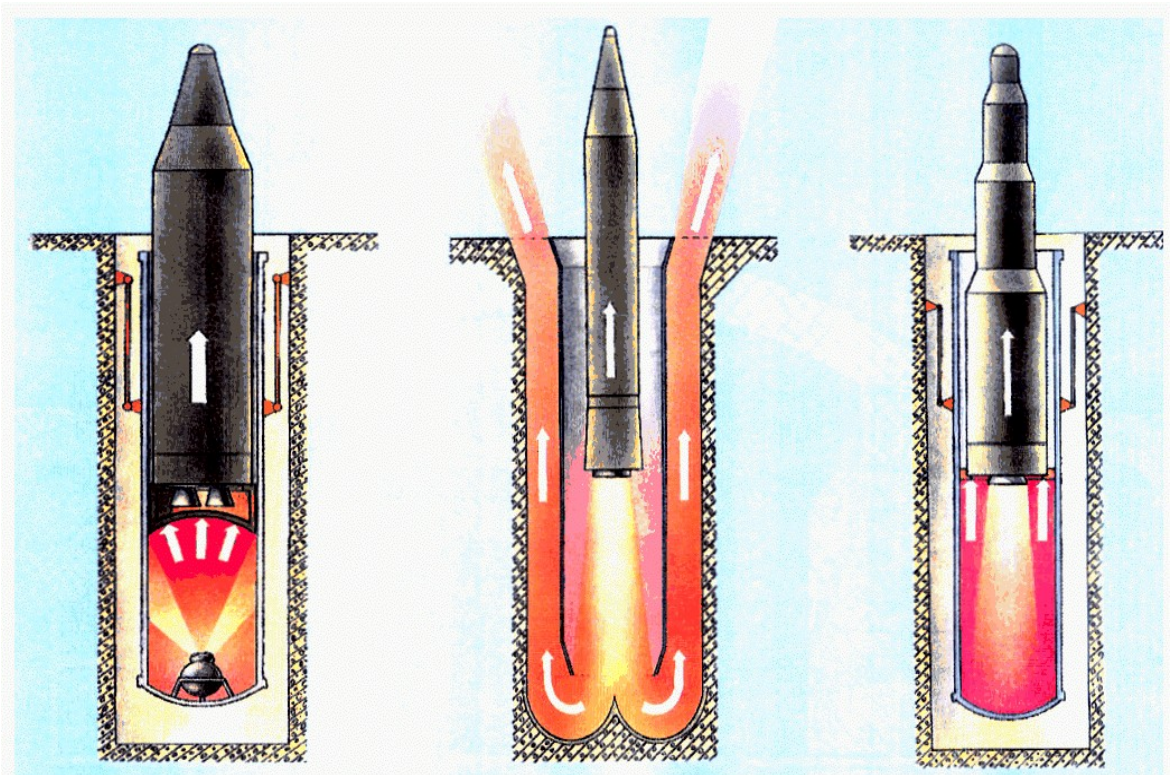
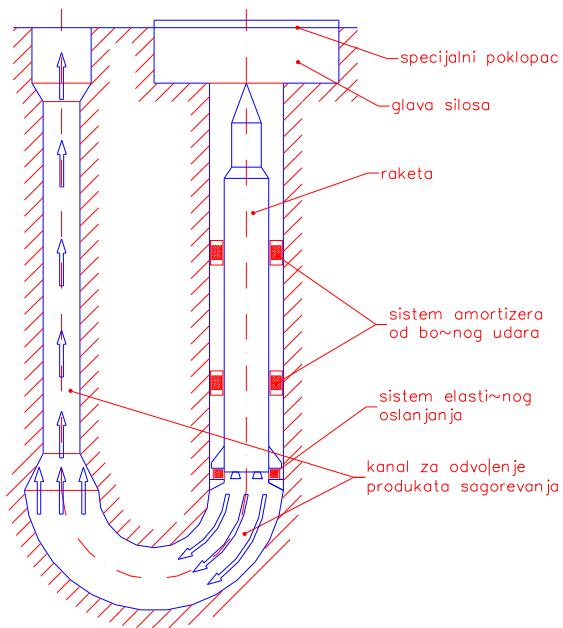
Agregati isistemi hidraulicnog  
ielektricnog napajanja

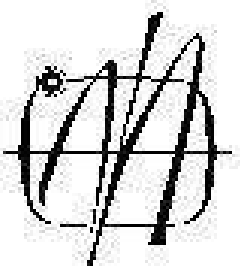


M270 VBR ispaljuje M26 raketu koja nosi 644 M77 bombi.

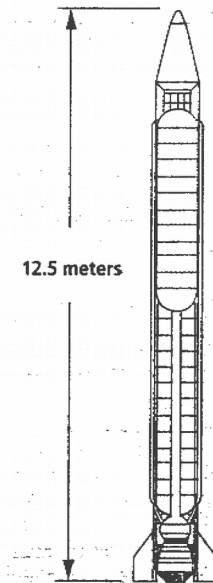
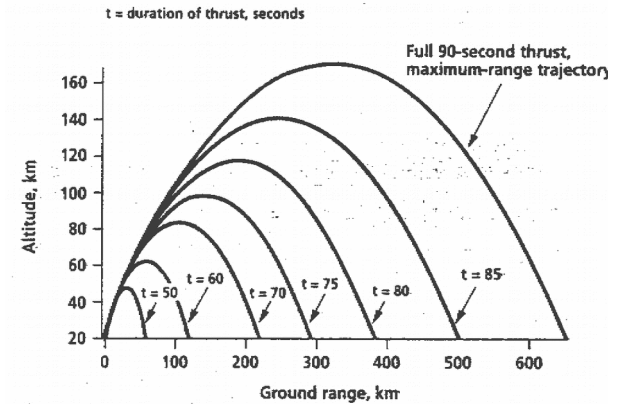
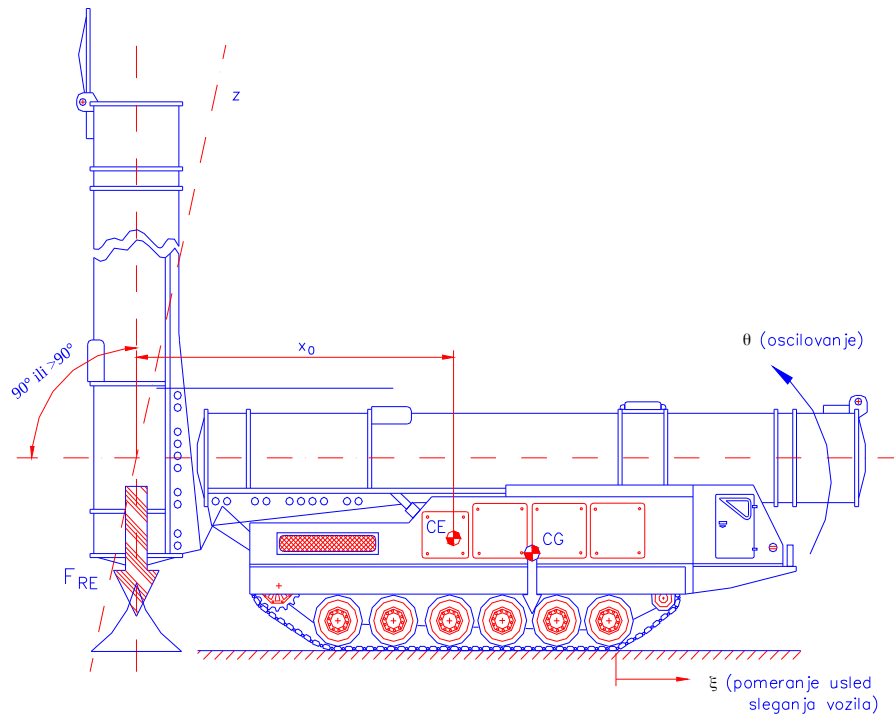


# Lansiranje balističkih raketa iz fiksnih silosa





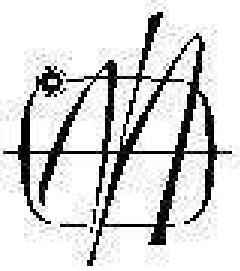
# Lanser takticke balisticke rakete sa mobilnog vozila



al-Husayn Scud B variant

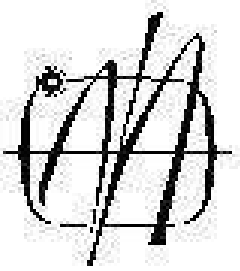
Approximate weight breakdown:  
 Warhead = 300 kg  
 Fuel = 5000 kg  
 Launch gross weight = 6785 kg  
 Empty weight = 1785 kg  
 Thrust = 29 000 N

[6] Because of the large diameter of the boosters, the missile is not able to be stored in a mobile launcher vehicle. As a result, the Iraqi al-Husayn missile, though shorter than the Scud B, is not mobile.

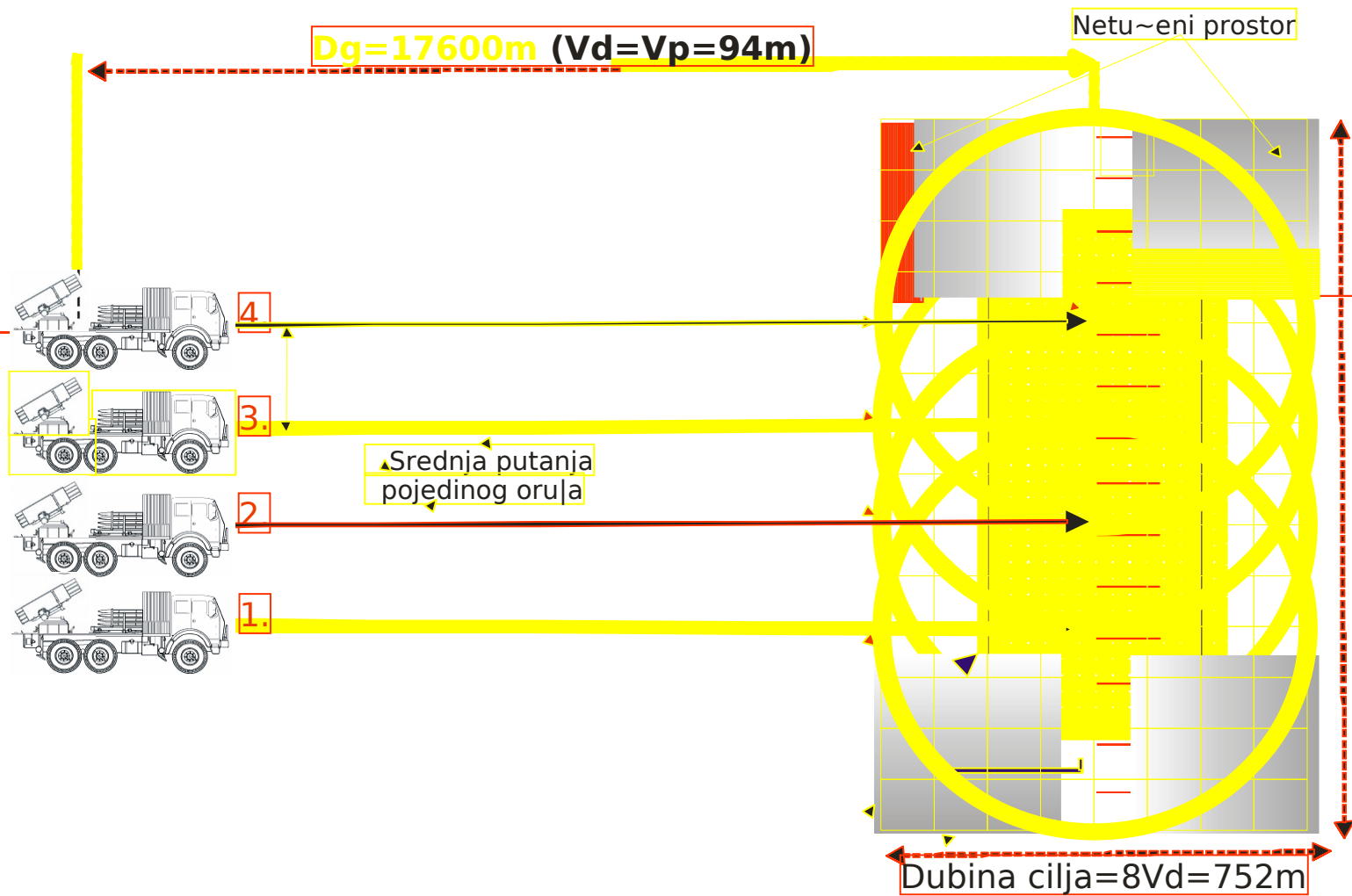


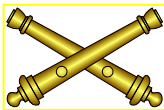
# MOGUCNOSTI INTEGRACIJE LANSERA NA VOZILA RAZLICITOG TIPA



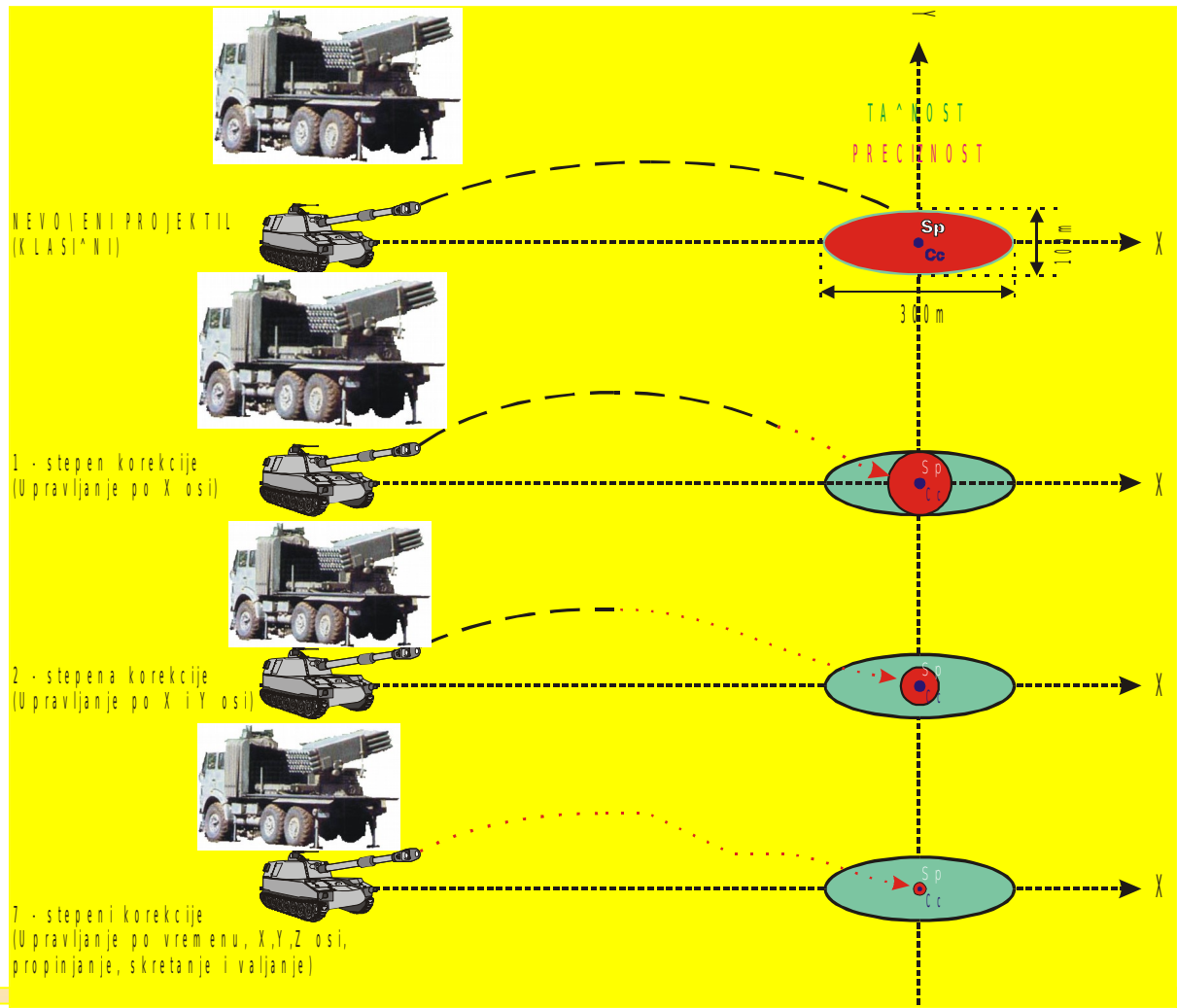


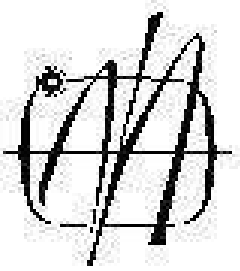
# Gadjanje površinskih ciljeva



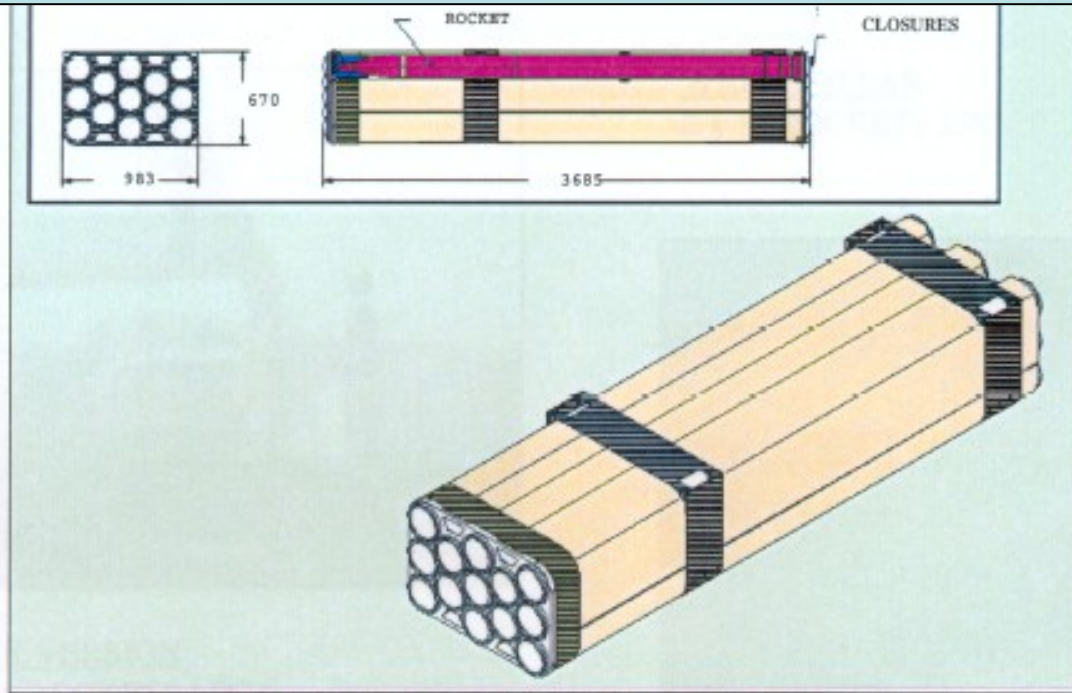


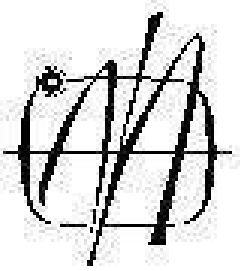
# МОГУЋНОСТ У ПОГЛЕДУ ТАЧНОСТИ И ПРЕЦИЗНОСТИ ГАЂАЊА



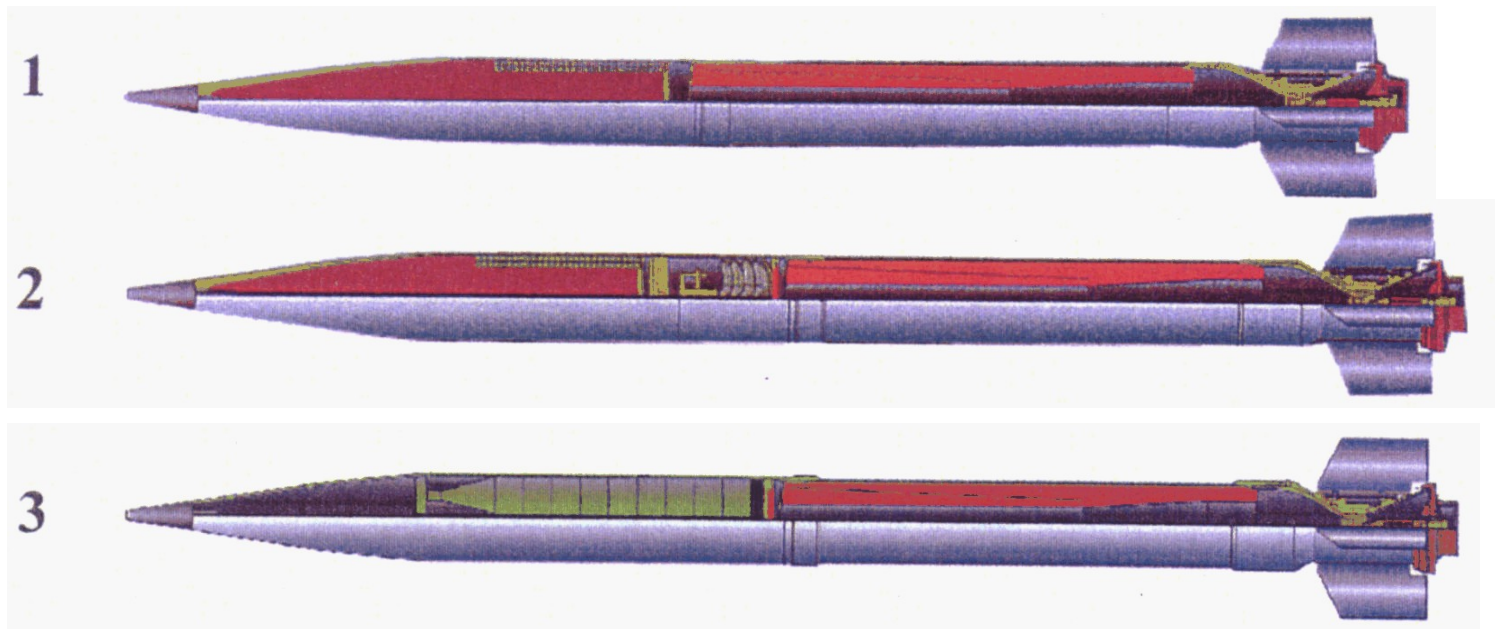
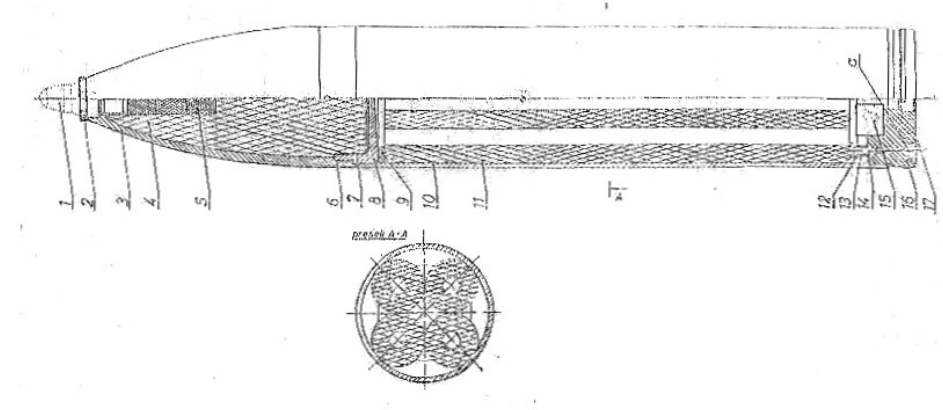


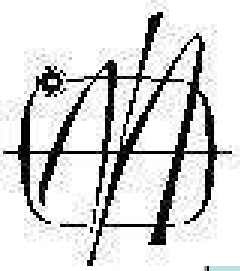
# Kontejnerski pakovane rakete u lansirni modul sa cevima





# TIPOVI I VRSTE RAKETNE NEVODJENE MUNICIJE ZA VBR

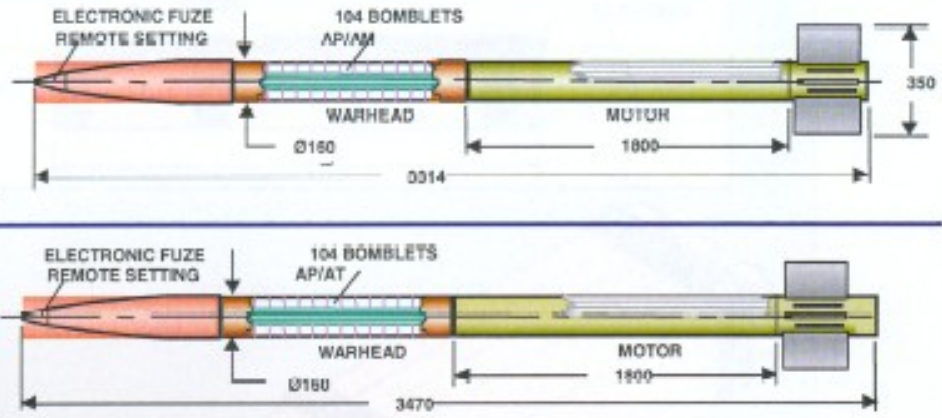




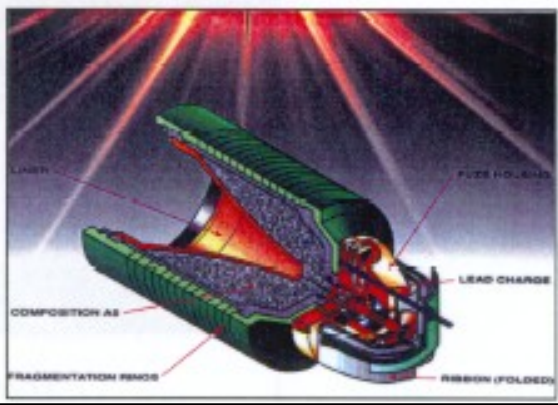
# LAR 160 – MARK II, MARK IV ROCKET DATA



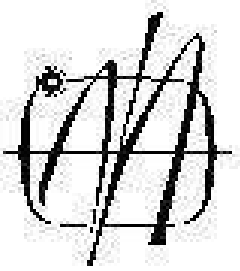
Tipovi rakete



raketa



Kasetna municija u bojevoj glavi



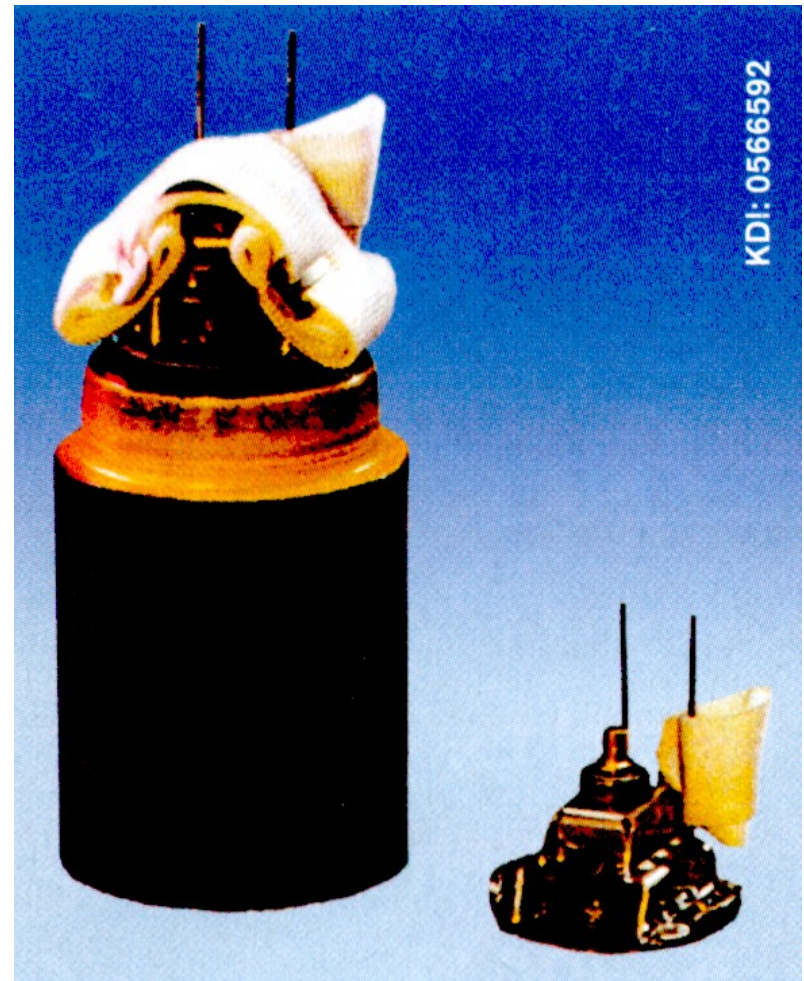
GMLRS



ATK: 0566591

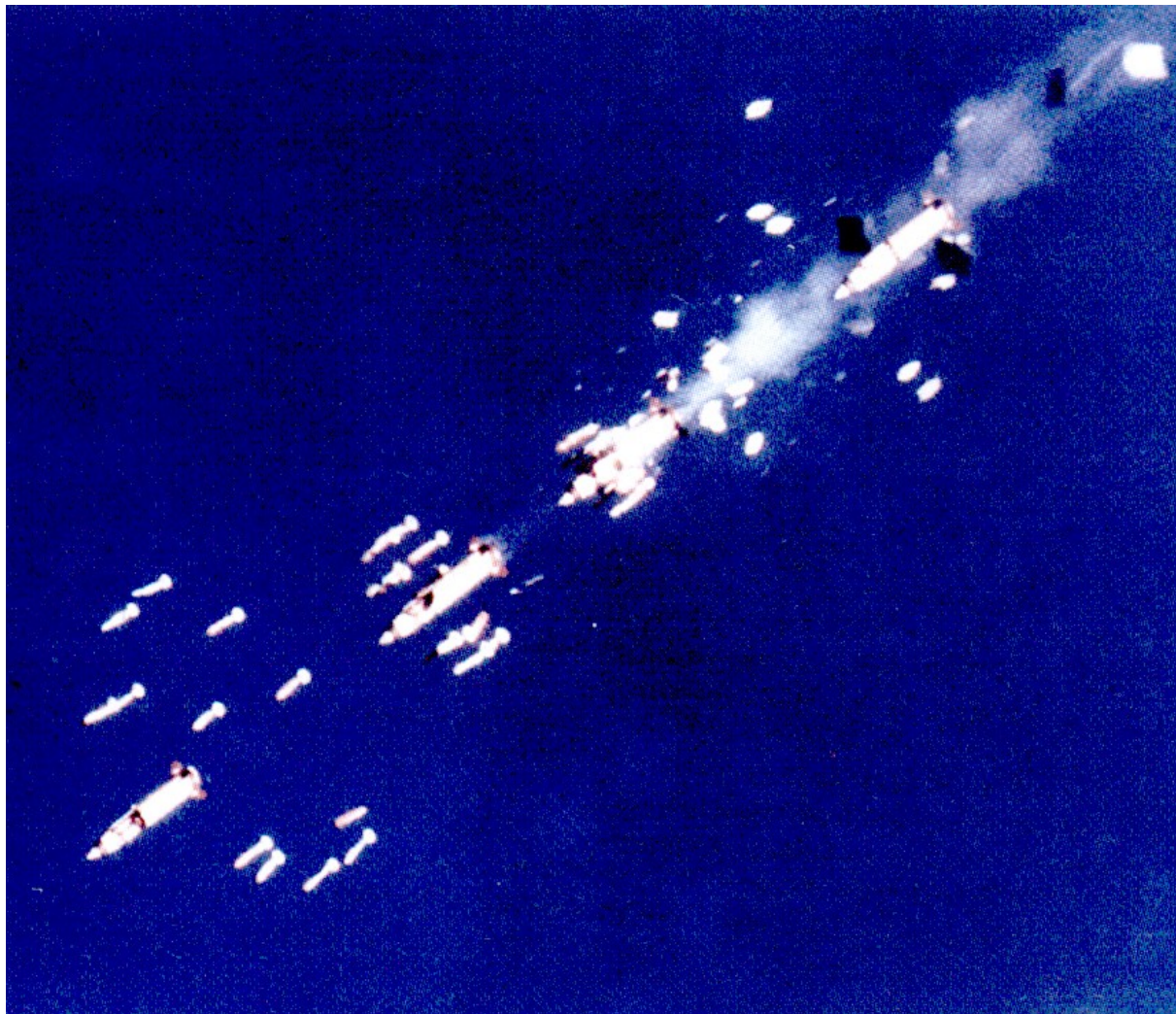
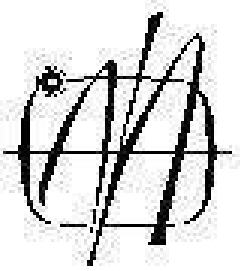


Samouništavajući (SD)  
detonator za GMLRS M77  
bombicu

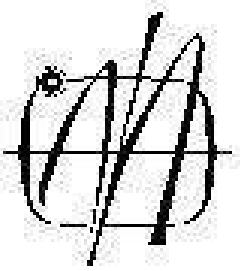


KDI: 0566592

M77 bombica sa KDI-  
ovim M235 elektronskim  
samouništavajućim  
detonatorom (u desnom  
donjem uglu)



ATACMS Blok 2 projektil u procesu rasipanja njegove podmunicije 13 BAT tokom proba 1997. Iako je program okončan sistem je korišćen tokom operacije "Iračka sloboda " 2003 i mala količina je ostala u inventaru američke vojske.

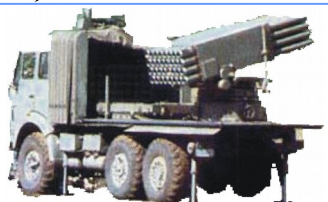
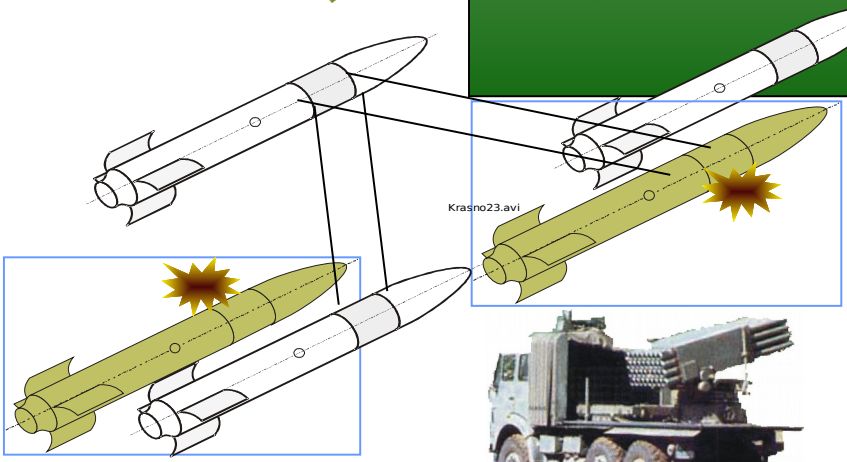
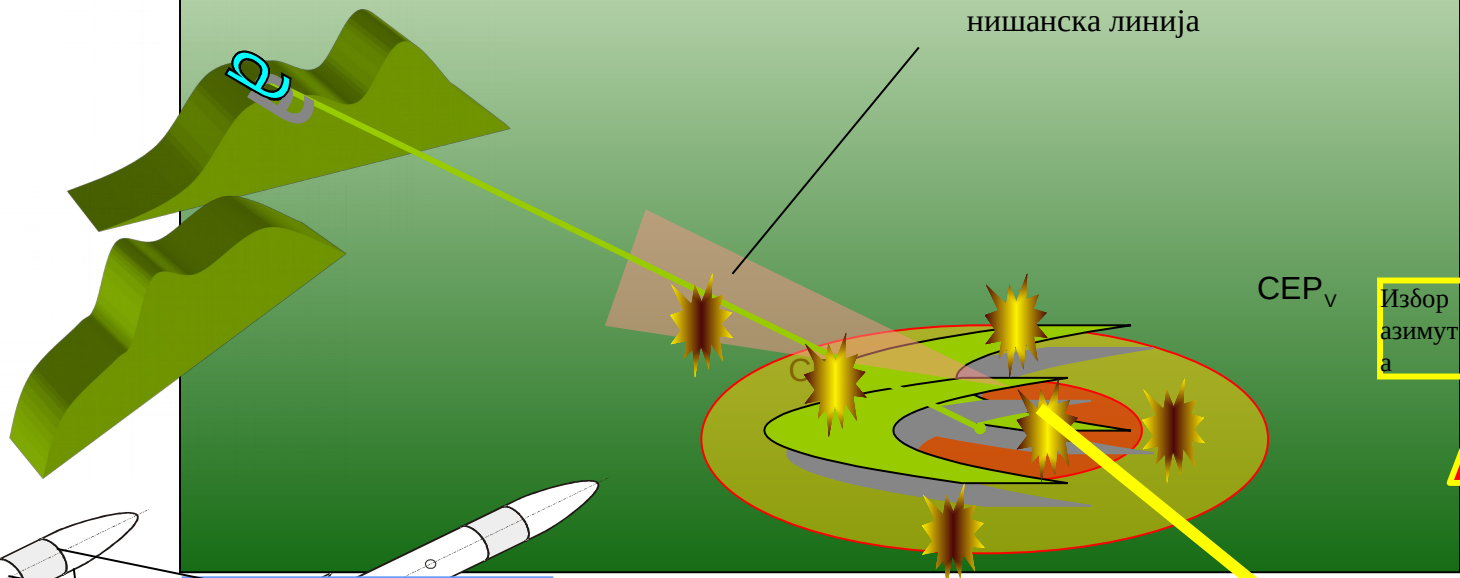


# КОРЕКЦИОНО ОДРЕЂИВАЊЕ ПАДНИХ ТАЧАКА РАКЕТА

## -Невођени и кориговани ракетни системи класе ВБР

Тип МУНИЦИЈЕ  
1 2 3 4

Рафал 3 невођена и 3 вођена ракетна пројектила на ласерску мрљу



CEP<sub>c</sub>

