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# **UBIJANJE STAROG MOSTA**

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Sarajevo, 25.02.2006.

# Faze rušenja

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09.11.1993.  
u 10:20

**08.11.1993., 09:57 sati**

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Projektil 100 mm, Protiv oklopni,  
kumulativni, trasirajući (HEAT-T),  
M69



**08.11.1993., 09:57 sati**

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**08.11.1993., 09:57 sati**

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Projektil 100 mm, Oklopno  
probojni trasirajući (AP-T), M65

**08.11.1993., 15:52 sati**

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Projektil 100 mm, parčadni  
(visoko eksplozivna-HE), M63P1

**08.11.1993., 15:52 sati**

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**08.11.1993., 15:53 sati**

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**08.11.1993., 15:54 sati**

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**08.11.1993., 15:55 sati**

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**08.11.1993., 15:55 sati**

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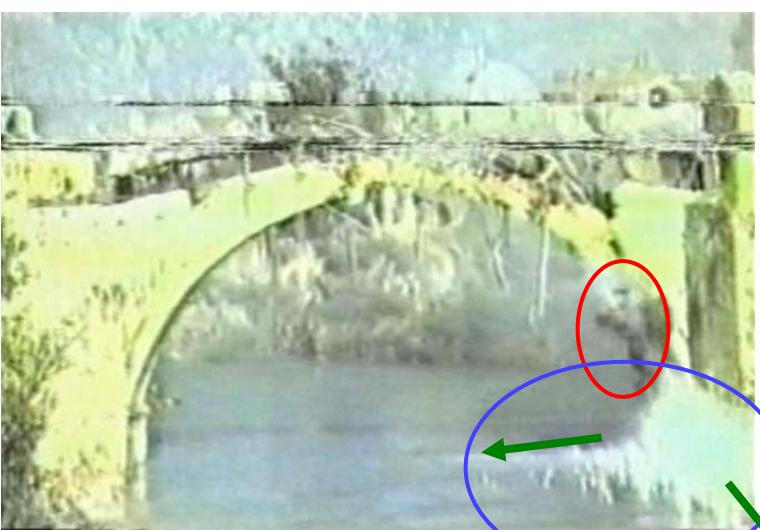
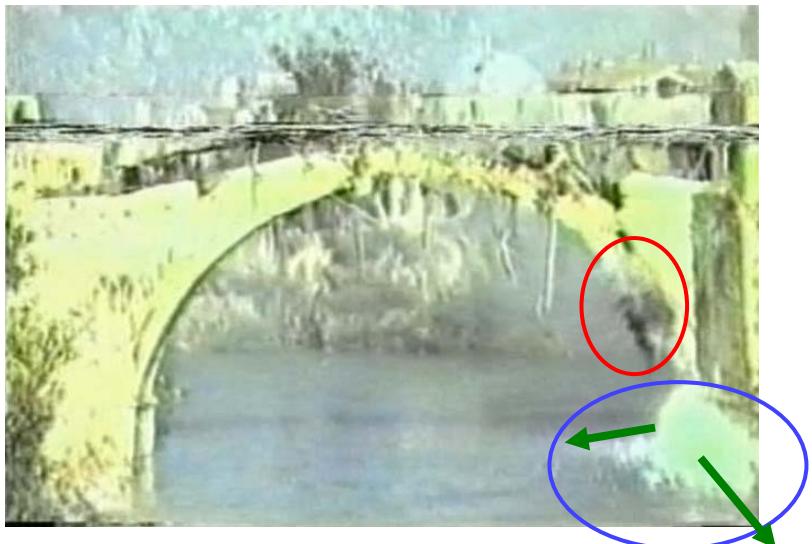
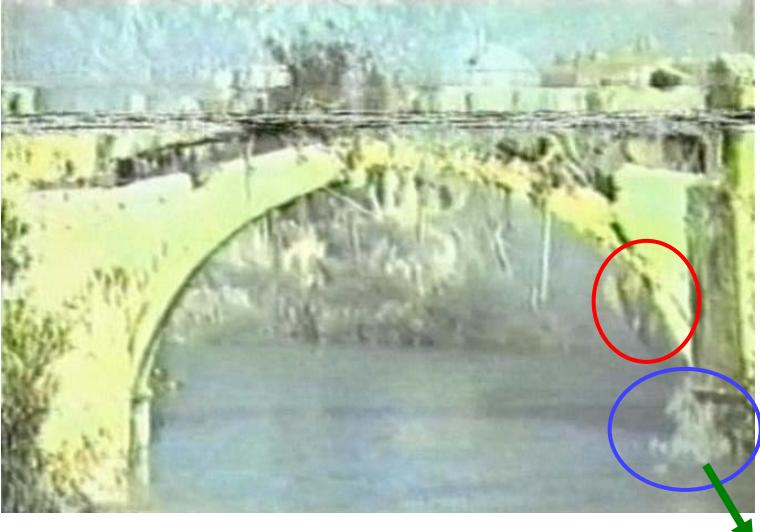
**08.11.1993., 15:58 sati**

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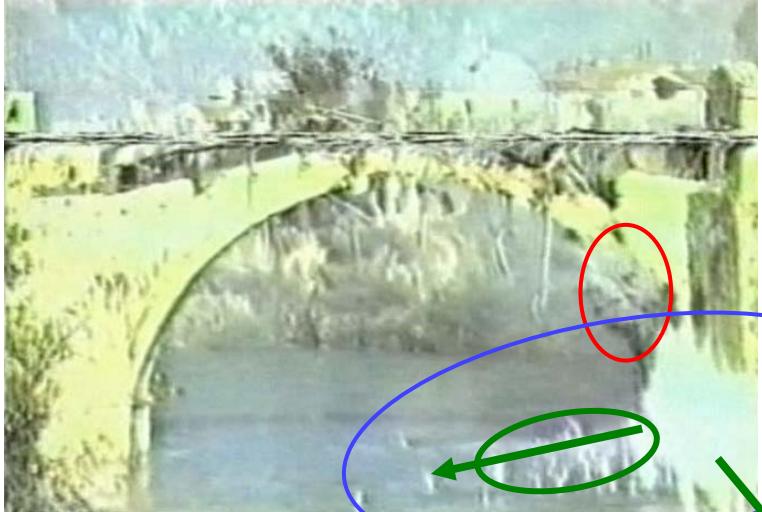
**09.11.1993., 10:20 sati**

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**09.11.1993., 10:20 sati**

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# Zaključak

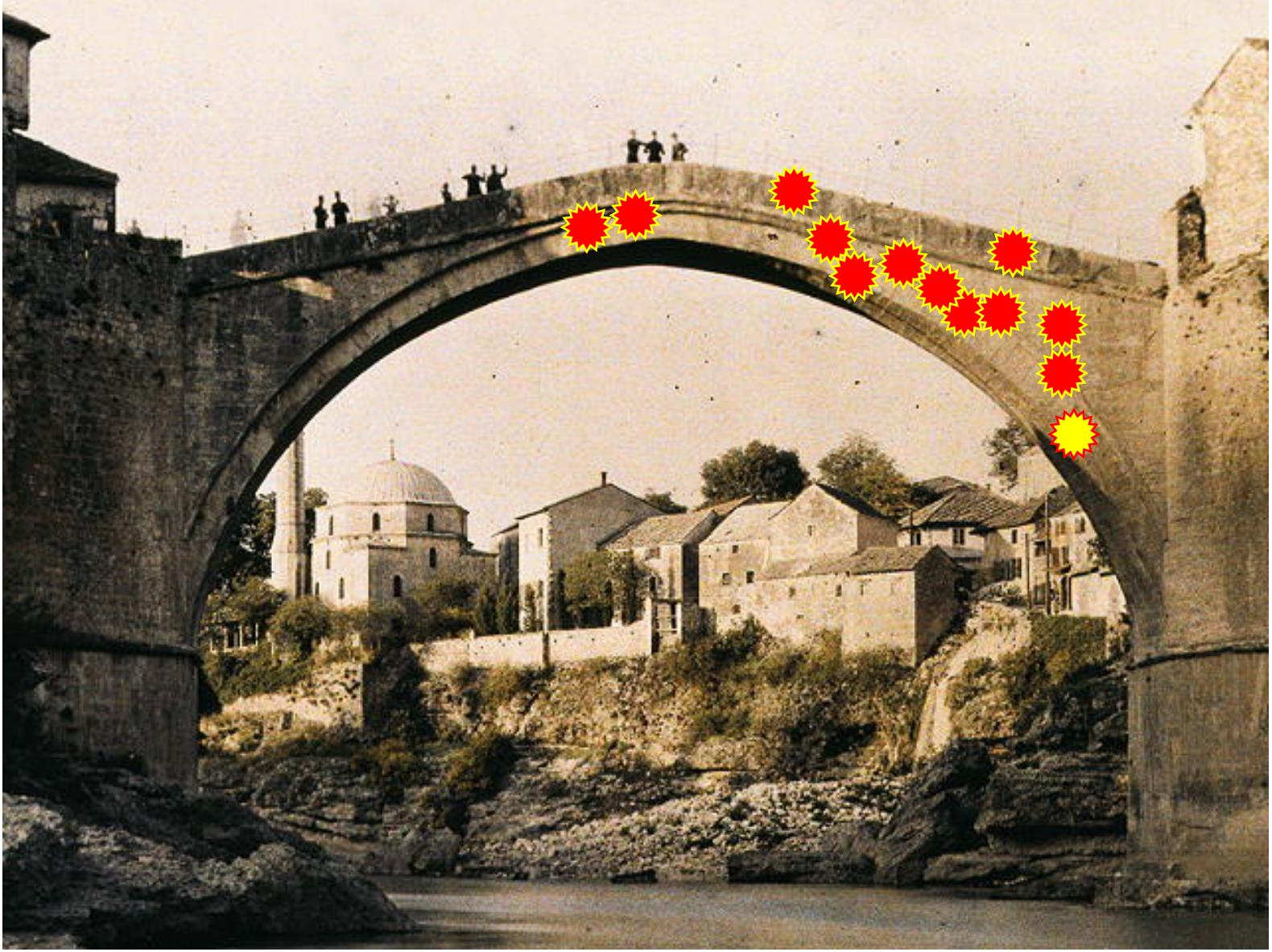
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- ◆ Dejstvo tenkom na Stari Most dana 08.11.1993 god. snimljeno je u periodima 09:56-09:59 i 15:52-15:58. U tom periodu most je pogoden sa 12 projektila (4 HE, 5 HEAT-T i 3 AP-T).
- ◆ Na početku video materijala vidljivo je da struktura luka desne osnove mosta (glezano iz pravca napada) bila značajno oštećena, dok se na snimku u 15:58 vidi da je potpuno uništena kamena struktura na spoju dva luka mosta, tako da su ostali samo dijelovi željezne armature koja je vezivala ostatke lukova.



# Zone pogodaka Starog Mosta registrovane video snimcima

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# Zaključak

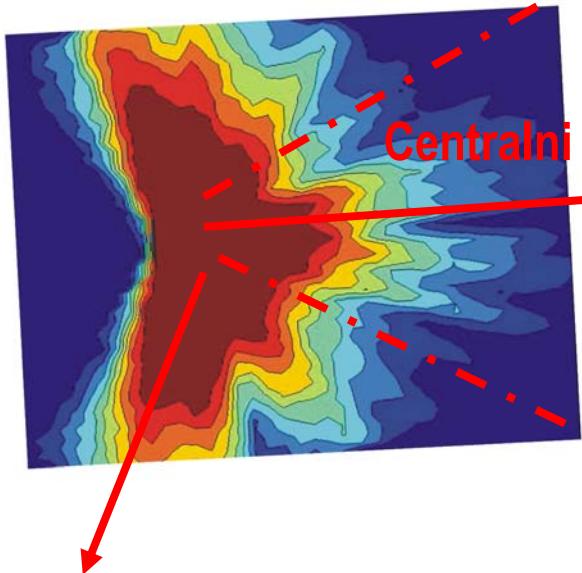
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- ◆ Cjelokupna kamena struktura mosta je bila rastresena djelovanjem projektila tokom njihove detonacije (borbeni komplet tenka T-55 čine 43 kom. municije, od čega je 26 HE projektila, 9 AP-T i 8 HEAT projektila).
- ◆ Dana 09.11.1993 god. u 10 časova je nastavljeno gađanje mosta, da bi prema video snimcima u 10:20 jedan tenkovski HE projektil udario u desnu osnovu mosta na visini od 15 m i izazvao urušavanje strukture mosta.
- ◆ Pri detonaciji visoko eksplozivnog (HE) projektila 100 mm M63, metalna parčad imaju relativno veliku brzinu (500-925 m/s) i time i kinetičku energiju. Pri eksploziji u vazduhu, parčad se rasprostiru u prostoru i njihovo dejstvo na horizontalnu površinu ima efekat „ruže“, tj. postoji centralni i dva bočna snopa. Sva parčadi ne udaraju u površinu vode u isto vrijeme, jer imaju različite uglove prostiranja, mase i brzine razlijetanja. Na video snimku urušavanja mosta vidljivo je da se centralni i jedan bočni snop sukcesivno šire od mesta eksplozije u pravcu niz Neretvu.

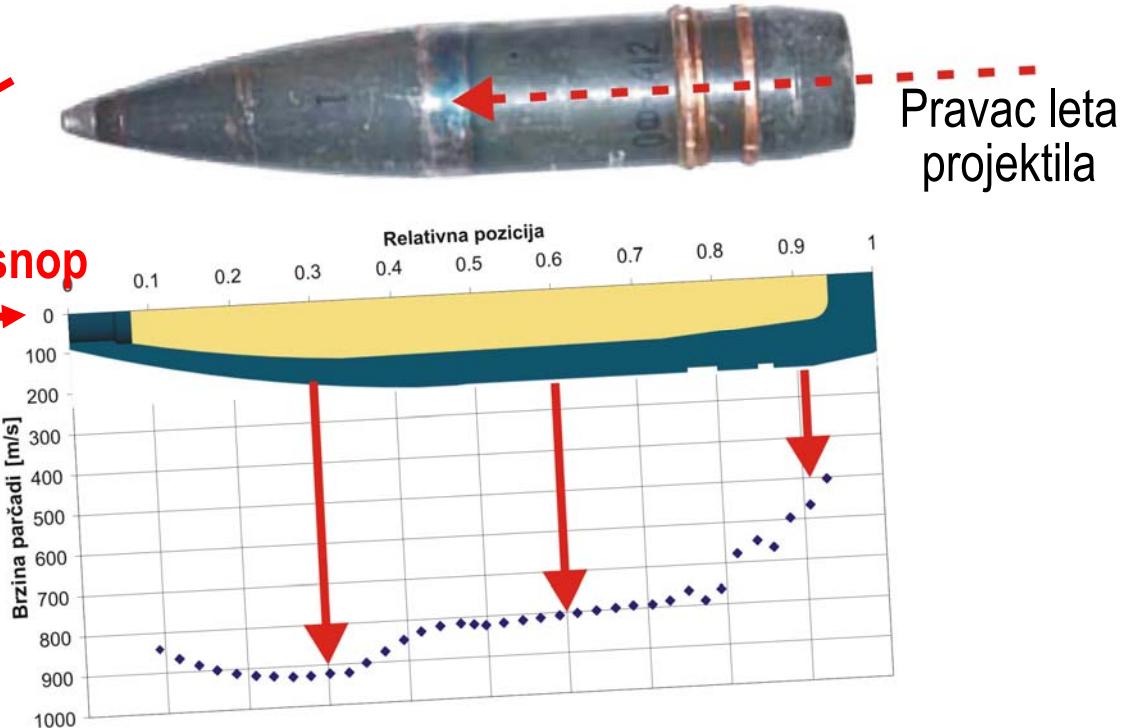
# Fragmentacija projektila 100 mm, HE, M63 u vazduhu

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Visina udara projektila u  
most oko 15 mm



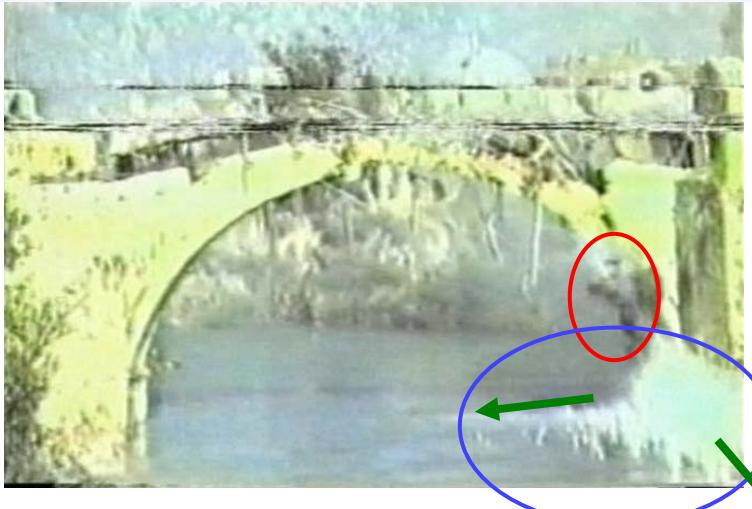
Bočni snop  
parčadi



Neretva

# Zaključak

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- ◆ Potvrda ovoj konstataciji je dinamički snimak djelovanja tenkovskog projektila APAM 105 mm, Israel Military Industry (IMI) pri njegovoj detonaciji u vazduhu i efekta njegovog djelovanja na vodenu i čvrstu površinu.
- ◆ Neoboriv zaključak je da je Stari Most „ubijan“ dva dana djelovanjem tenkovskih projektila (zbog preciznosti pogodaka) i da je u popodnevnim satima 08.11.1993 god. bio strukturalno uništen. Nastavkom djelovanja tenkovskim projektilima 09.11.1993. god., Stari Most je urušen u trenutku kada su nastala kritična razaranja u strukturi desne osnove mosta, gledano iz pravca napada.



# Dinamička testiranja HE projektila u vazduhu, iznad vodene površine i čvrstog tla izvršenog od strane Izraelske vojne industrije (IMI)



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# Tenk T-55

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**Ova prezentacija je urađena samo zahvaljujući  
postojanju video snimaka snimatelja  
Nedžada Kasumovića i Edina Paleta.**