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## UFO UpDates Mailing List

### Re: Meier Pictures

From: Don Ecker <[decker@ufomag.com](mailto:decker@ufomag.com)>  
Date: Fri, 24 Jul 1998 11:07:08 -0700  
Fwd Date: Fri, 24 Jul 1998 14:58:47 -0400  
Subject: Re: Meier Pictures

>Date: Fri, 24 Jul 1998 12:31:33 -0700 (Pacific Daylight Time)  
>From: Nick Balaskas <[nikolaos@YorkU.CA](mailto:nikolaos@YorkU.CA)>  
>To: UFO UpDates - Toronto <[updates@globalserve.net](mailto:updates@globalserve.net)>  
>Subject: Re: UFO UpDate: Re: Meier Pictures

>>Date: Thu, 23 Jul 1998 21:03:29 -0400  
>>From: Bruce Maccabee <[brumac@compuserve.com](mailto:brumac@compuserve.com)>  
>>Subject: UFO UpDate: Kinetic Energy Bullets  
>>To: [updates@globalserve.net](mailto:updates@globalserve.net)

>>>Date: Thu, 23 Jul 1998 09:41:31 -0700  
>>>From: Don Ecker <[decker@ufomag.com](mailto:decker@ufomag.com)>  
>>>To: UFO UpDates - Toronto <[updates@globalserve.net](mailto:updates@globalserve.net)>  
>>>Subject: Re: UFO UpDate: Re: Meier Pictures

><snip>

>>Don't forget that the definition of "kinetic energy" is the  
>>product of the mass times the velocity squared. If I knew the  
>>speed and mass of the .22 WNR I could calculate its K.E. and  
>>compare with the 45 (234 grain, 870 ft/sec; KE = 234 x 870^2 =  
>>177,114,600 in the appropriate units.

>Bruce, looks like you also forgot the definition of kinetic  
>energy (the energy of moving objects). It is equal to the mass  
>times the velocity squared divided by 2. As a result, your  
>value above is twice as large as it should be.

>Of course, if a given mass is totally converted into energy,  
>then the energy obtained is the product of the mass time the  
>velocity of light squared (Einstein's mass-energy formula).

>Nick

Gentlemen;

Let us not forget what we are referencing. The kinetic energy of a .45 ACP 234 Grn. projectile in comparison to a .22 WMR projectile. Neither a .45 nor a .22 will be totally converted into energy. This is a bit simpler than that. Brooksmith suggested that a .22 caliber bullet will deliver, weighing between 45 to perhaps 60 Grns. traveling around 1000 to perhaps 1150 fps., depending on the loading, will give more energy to the target than a .45 ACP, weighing between 185 Grns. lower end, to 234 Grns. upper end. The velocity from a 185 Grn. "hollow point" or controlled expansion projectile, around 1000 feet per second, or the heavier 234 Grn. round at about 870 feet per second. You can play with the math, but real experience taught

me that if I have to be shot, and I have no option, use the .22  
over the .45 PLEASE!!

Don Ecker

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Logic is a systematic method of coming to the wrong conclusion with  
confidence.

Don Ecker

UFO Magazine

[www.ufomagazine.com](http://www.ufomagazine.com)

[Gentlemen:

I'm trying to figure how this relates to the purpose  
of this List..... am having difficulty. Could someone  
please give my brain a nudge or failing that take  
this tangent to direct E-Mail? --ebk]

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