

# What are Metal Shooting Rest manufacturers not telling you...

...and *maybe* just don't know themselves?

## The Top 10 Questions Answered...

Five minutes here will save your good money and much aggravation in choosing the right shooting rest for you!



308 Savage at 100 yds with Bulls Bag

**Recoil Reduction**  
VS  
**Accuracy & Repeatability**  
You get one... not both!

### STABILITY IN A SHOOTING REST

TRUE **QUESTION 1**  
 FALSE Nothing outperforms the stability of a sandbag? (No one has proven otherwise)

TRUE **QUESTION 2**  
 FALSE Accuracy and Repeatability can only be achieved when three components are present in ANY shooting rest? .....Weight and Balance .....Low center of gravity .....Wide footprint (Basic engineering formula)

### WEIGHT AND BALANCE

TRUE **QUESTION 3**  
 FALSE The weight and balance distribution in a shooting rest platform is critical to the end-result performance? (Absolute)

TRUE **QUESTION 4**  
 FALSE Stability is achieved by stabilizing... MORE not less? (Simple knowledge)

TRUE **QUESTION 5**  
 FALSE A low center of gravity combined with a wide footprint, produces and maximizes "Extreme" shooting results? (Proven)

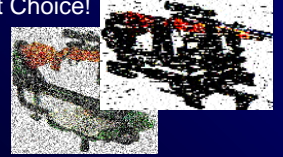
### METAL REST and LAW OF EQUAL & OPPOSITE

TRUE **QUESTION 6**  
 FALSE What about mechanical (Metal/Metallic) rests, will they reduce recoil as claimed?  
NO shooting rest can claim to reduce recoil and be factual. Newton's third law states that for every action there is an equal and opposite reaction. In other words, when one object exerts a force on another object, the second object exerts a force of equal strength in the opposite direction on the first object. Likewise, when a shooter fires his gun, he experiences the recoil generated by the gun. The "kick" felt by the shooter is the reaction force upon the gun which is equal in magnitude to the force that pushes the bullet.

#### **IMPORTANT:**

Metal/metallic shooting rests can magnify/amplify harmonic vibration caused by the firing of the gun, increasing additional unwanted variations on target.

Don't want to feel the gun...  
Great Choice!



TRUE **QUESTION 7**  
 FALSE Is there a problem when Recoil is redirected or altered by a shooting rest?  
YES...It simply takes an unnatural direction, which is not relative to the same line-of-sight as the barrel and will change its point-of-impact, affecting repeatability. In some designs, it is known that damage has occurred to some gun stocks when the gun can not recoil in its natural direction (equal and opposite) and the energy is absorbed by the stock, (not recommended). *Must have a flat surface for these designs and impossible for use in the field.*

**Remember:** Cheek position, eye relief, parallax and shoulder contact with the rifle must be consistent to achieve "Expert" results. Take a hard look at any mechanical device and imagine how natural... or unnatural... it is to climb into and create a comfortable and consistent shooting position while on the bench with accuracy/repeatability!

TRUE **QUESTION 8**  
 FALSE Do other shooting rests styles claim to reduce recoil and is this incorrect?  
YES. Manufacturers and marketers of those products do not understand the correct terminology. (Recoil vs. Felt-Recoil). Simply, the designers/manufacturers are not the best shooters and accuracy/repeatability is secondary in their shooting rest designs. Those shooting rest manufacturers must market to and capitalize on the consumers ignorance and promote mostly other perceived benefits, other than accuracy. (Lots of adjustment knobs, straps, screws and \*added weight recommended). (Example of published claim: "reduces up to 95% recoil"). (Never claims repeatability or accuracy.) **\*Did you get the part... Add more weight? Sandbags already have the weight...**

TRUE **QUESTION 9**  
 FALSE Will shooting rests that use a front rest for the forearm and one on the heel of the gun (butt) affect accuracy?  
Yes...If it's a sandbag, more formally known as a Toe and Heel configuration, or a mechanical rest with Y-supports in the same gun support areas, these designs can prove inconsistent and can create additional variables time and time again. ANYTIME you make point-of-contact with the gun, you create pressure points. When you add multiple pressure points as in these designs, you can create multiple variables in the shooting pattern and can cause a "Flex" in the shooting accuracy, resulting in inconsistent grouping.

#### **IMPORTANT:**

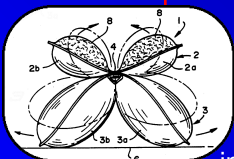
Two points-of-contact under the gun bases (Example: toe and heel / Y-supports) and the shooter applying pressure above the trigger-guard and stock, presents what is known as downward and upward pressure, creating a total of 3 points-of-contact while using this technique.



NOTE: While in some measurable testing, the windage can remain consistent, the inconsistency is shown in the elevation results by seeing variations in the up and down (elevation) movement of the bullet holes on the target.

TRUE **QUESTION 10**  
 FALSE If I want to test or currently own a metal/metallic shooting rest, will the manufacturer refund my money back if I am dissatisfied with the end results?  
We don't think so... and they will probably just tell you to try something else. (Ask before you buy).

### **NEED MORE SHOOTING BAG DATA?**



You can find more information on who pioneered this technology in EXTREME and EXPERT shooting rest ACCURACY by visiting the 20 year benchmark at BullsBag.com. Here you can learn more about product comparisons, specifications and choose from a wide selection of shooting rest sandbag styles engineered systems, that promise to outperform all other shooting rest categories with an unconditional promise, including an Accuracy and Repeatability GUARANTEE.