The Effects of Sight Alignment Method on Pistol Shooting Records of Security Guard

경호요원 권총사격기 조준선정렬방식과 기록변화와의 관계

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Abstract

Some of individuals working at various fields of security guard are given the legal right to use a gun to cope with expected risks and crimes. Not only in Korea but also throughout the world, a pistol is being used as a device for the workers of security guard such as the army, the police and in intelligence agencies to keep the law and social order. A pistol, which is regarded as the last safety measure of security guard, is easy to carry but, because of its short barrel for high portability, its hit ratio and long-range shooting performance are much lower than ordinary guns. Despite such weak points, a pistol can be a great tool because of its high portability and if the users make steady efforts to improve their skills and, for this reason, it has been being used widely until now. National agency workers’ pistol shooting skills depend on several important factors, but for the fast and accurate shooting, the most important factor is how to aim at the target. Because it takes a relatively longer time to align the sight on the target, the change of the sight alignment method is expected to improve pistol shooting skills a lot. In Korea, however, most of national agency training centers teach the basic aiming method that crosses the foresight and the backsight and aligns the crossing to the target. That is, they teach the sight alignment method for fixed targets. Some agencies in Korea and foreign countries that have used guns more frequently and longer than us are teaching different sight alignment methods as well. Representative ones of them are aiming only with the foresight and pointing shooting. These aiming methods are expected to produce good results against moving targets. While the basic sight alignment method has to cross the foresight and the backsight and then to align the crossing to the target, so takes a longer time than other aiming methods, the other two aiming methods are expected to be effective in fields where both swiftness and accuracy are required. Because domestic agencies are teaching mainly the basic sight alignment method, the present study purposed to examine the effects of different aiming methods on shooting records and ultimately to contribute to national agency workers’ operation. For this purpose, we selected 20 policemen from local police commandos under the National Police Agency who were accustomed to pistol shooting and measured their pistol shooting. According to the results, the pointed shooting method showed the best record in 5m short-range shooting. As to hit ratio in 15m shooting, which is relatively long-range for pistol shooting, the basic aiming method showed the best record, but the results of statistical analysis showed that pointed shooting is most superior. Of course, the results were obtained from a group who were used to and skillful in pistol shooting, but they are considered meaningful in that all the police
Correct handgun sight alignment is the same for virtually every pistol and revolver with steel sights. But how that alignment is placed on target will differ. Effect Of Focusing On The Front Sight Only. This goes against everything in your mind and reflexes that tells you to focus on the target. But focus only on the front sight. This means that the front sight will come sharply into focus, with the rear sight and even the target blurring to the vision. In general, life shooting a gun is easier if you can acquire your target and shoot effectively keeping both eyes open. It is quicker to acquire the target and if moving while shooting it will improve your timing and balance. However, many people, because of vision variables, are simply unable to focus with both eyes open. Sight Alignment for Accurate Target Shooting. Sights – The Sights are the posts, notches, beads or points on the firearm which are used to visually align the barrel with the target. There is a vast array of low and high tech sights available for firearms and the list continues to grow daily. The term ‘Iron Sights’ is used to describe the most common system with a fixed front sight and fixed or adjustable rear sight, which are made of metal blades or posts. Sights – As mentioned above there are a wide variety of sights one can encounter on a pistol. ‘Open’ sights are the most common, especially on firearms not custom made for accuracy competition. (Fig 7) shows various different sights and their configuration. 4. Alignment – ensuring that stability is beneficially used to point the aiming elements of the pistol into the centre of the aiming area, on the target. 5. Consistency – ability to take or re-take the position in a correct manner at any given moment and still maintain stability and alignment through the entire shooting event. Stance - Precision Position. Here we will suggest a method with closed eyes. The shooter is standing two meters from the shooting stand, looking straight into the target. After few seconds, walking forward, coming to the shooting line, the shooter will turn to the left as long as he can comfortably see the target (i.e., without feeling tension in the neck muscles). Facebow records were obtained using an arbitrary facebow (Artex FaceBow, Amman Girrbach AG, Koblach, Austria). Centric relation records were obtained with a polyvinylsiloxane bite registration material (VPS-Hydro Bite, Henry Schein, Melville, USA). Maxillary stone casts were related to an Artex CP semiadjustable articulator (Amman Girrbach AG, Koblach, Austria) with the use of an Artex Transfer Jig (Amman Girrbach AG, Koblach, Austria) and secured in place with the use of mounting plaster (Quick Rock, Protechno, Vilamalla, Spain). Recently, a growing number of studies have assessed the effects of OS on: length and muscle activity in the upper limbs [24, 39, 40] and other body regions [41–43]. Shooting Guns Shooting Range Pistol Shooting Tips Shooting Sports Targets For Shooting Weapons Guns Guns And Ammo Target Practice Home Defense. How to Cure Common Shooting Mistakes. As any new shooter soon discovers, shooting a handgun accurately isn't nearly as easy as they make it look on TV. And just for the record, no they did not get cut off, get stuck in a door, or trimmed down to use the skin and bone to graft to other parts of my body. (Yes, all those things are questions I've had... Survival Tips Survival Skills By Any Means Necessary Tactical Survival Survival Weapons Gun Control Guns And Ammo Rifles Self Defense. Assuming your handgun is properly zeroed, sight alignment issues will show up quickly on target—as in these examples. At far...