EMORY L. BROWN, JR.
ROUTE 4, BOX 82
FARMINGDALE, NEW JERSEY 07727

General Correspondence No. 49

December 2, 1968

National Rifle Association of America
1600 Rhode Island Avenue, N. W.
Washington, D. C.
20036

Gentlemen:

I bought an old M-91/38 Mannlicher-Carcano (6.5x52MM0) and had a Weaver C-4 Scope mounted on it usuing a Weaver N-3 side mount. When I tried to zero it in at fifty yards from bench-rest, I discovered that even with the maximum adjustment on the elevation knob (scope has to be rotated in the mount in order to load) the bullets still went low. I was usuing an NRA 25 yard pistol target with a two foot strip of newspaper attached to the bottom. None of the bullets even struck the paper. Can you tell me why this type of telescopic sight can not be adjusted so that I can make hits on theetarget paper?

Sincerely,

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Emory L Brown Jr

NATIONAL RIFLE ASSOCIATION OF AMERICA

Publishers of THE AMERICAN RIFLEMAN

1600 Rhode Island Avenue, N.W. • Washington, D. C. 20036 783-6505

General Correspondence No. 49

Dec. 9, 1968

Dear Mr. Brown:

It is extremely unlikely that your inability to adjust the scope sight so that the gun will hit point of aim or at least the paper target is at all due to the scope itself. The odds are more than 99 to 1, possibly more than 999 to 1 or 9999 to 1, that the fault lies in improper location of the mount on the receiver of the rifle.

Proper mounting of almost any telescopic sight of hunting type requires that the mount be so positioned on the rifle that the scope sight is parallel with the axis of the bore. This is expected to be true with the scope crosshairs (or other reticule) centered in the middle of available adjustments, in which condition it is sent from the factory, and a scope thus properly mounted at close range will point the same distance above the place the bore points (determined by removing the bolt, centering your eye behind the rear of the receiver and looking through the bore) as the center of the scope is above the center of the bore. At long distances, 100 yards or more, it is proper for the bore and the scope to point at the same place but attempting to do this at a very short distance, usually indoors, when mounting a scope will result in the gun shooting far above point of aim at anything but very short range.

Apparently the above is not your trouble as you state the gun shoots low at 50 yards. However, you also refer to rotation of the scope in mount in order to load and to the elevation knob. With such rotation of the scope, elevation adjustments would have to be made with what would ordinarily be the windage knob but is now on top of the scope rather than on its side. Possibly your difficulty is due to attempting to adjust the elevation with the wrong knob but it is my belief that any scope that is as far off as yours apparently is at 50 yards was not mounted properly in the first place.

Any alleged "gunsmith" mounting a scope so that it is not reasonably close to being parallel with the bore and impossible to sight in should be expected to correct matters at his own expense, up to and including replacement of a low-cost rifle like the Carcano and proper mounting of the scope on the new gun. It should be noted that Weaver does not specifically recommend any of their mounts for use on the Carcano rifles and that the C-4 scope is recommended for .22 rifles and similar low-recoil calibers only and the Weaver catalog specifically states it should not be used on high power rifles due to the short eye relief (also probably due to other characteristics). In short, I question that there is anything wrong with the scope (or was when received from the factory) but it is an improper choice for the gun and almost certainly improperly mounted.

Dove Tail

This service is one of the benefits of NRA membership. It is one more reason why every gun owner should belong to the NRA. Have you signed up a new member recently?

William Dresser