



**Swedish Mauser Carl Gustav (CG) CG63 Match Rifle:
Caliber 6.5x55**

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The long anticipated day finally came at exactly 8:00 PM on 5 Nov, 2003. Geez! Who delivers at 8 PM? UPS does.

I had ordered the [Swedish Mauser Carl Gustav CG63 Match Rifle](#) from [Sarco](#), and like most of rifles that I purchase, my wife was only given basic information: it was a "mil-surp" which to her means relatively cheap (NOT!). The actual fare for this charmer was \$495 plus a \$50 hand select fee. Not in my usual "milsurp" price category, but after-all this was my new "baby".

As I opened the box the only words I could mutter were "oh my god" and "it's beautiful", over and over again.



While this rifle is not "technically" a military surplus as most of us are accustomed to purchasing, the CG 63 was specially made in Swedish military arsenals for 300 meter match shooting.



These beauties feature a heavy, non-stepped barrel (as shown in **figure 3**), tuned trigger assembly, a stock with Monte-Carlo cheek pieces on both sides, a pistol grip, short for-end and handguard.



Barrels are free floated and sights are match quality micrometer aperture sights of various makes. The Swedish equivalent of a U.S. "National Match" rifle.



The CG 63 was introduced in 1964 and was built at the CG plant and also at Norma's workshop. All parts were carefully fitted and in the case of used guns, receivers were inspected for damaged or cracked parts, and replaced as necessary. All springs were replaced. The trigger was polished and adjusted for shorter lock time, by

cutting down on the weight of the moving parts, and by installing a slightly heavier mainspring. Stocks were either made of beech or walnut. The latter are a bit rare but usually quite good looking.



The military produced the CG 63 in three different versions; Gevär 5, Gevär 6 and the Gevär 7.

1. **Gevär 5** was the standard CG 63 (*which is the one I have*);
2. **Gevär 6** was similar to the CG 63, except for the addition of a short cleaning rod inserted into the fore-end, and a bore condition stock disc;
3. **Gevär 7** was similar to Gevär 6, but chambered for 7.62 Nato.



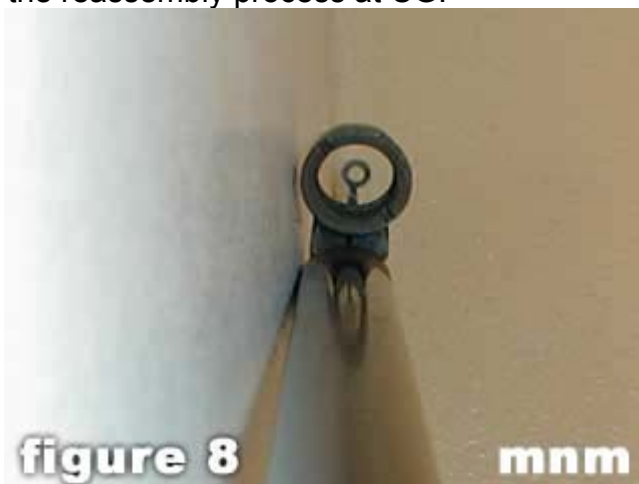
For information on [operations](#) and [basic maintenance](#) remember that this rifle was built on a [Swedish Model 1896 Mauser](#) action and most every thing is the same except for sights and barrel dimensions.

Swedish Mauser CG63 Match Rifle Specifications	
Barrel length	740 mm or 29.1339"
Barrel dia, muzzle	19 mm or 0.74803"
Barrel dia, shank	28 mm or 1.10236"
Twist rate	1 turn in 220 mm or 8.6142"

Land width	2.4 mm or .09449"
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My rifle came with the Soderin rear micrometer sight. I'm still researching the front globe sight but I know it can use replaceable inserts ([Anschutz](#)). The bore was near perfect, as far as I could tell. As my prior research reflected none of the serial numbers matched, but by the fit it was obvious that any variances were perfected during the reassembly process at CG.



My first trip out to the range, simply stated, I was too eager and impatient to try out this beauty. It was night time, I could barely see the targets at 100 yards, and found that the Soderin rear sight was loose. Well first to fix the problems. The next day I took it apart and found that the mounting screws were not only loose, but bugged as well. It took quite a few stops to find 3mm metric flat head screws, and taps to clean the receiver threading, but I found them, got it all back together. Since my epilepsy prevents me from driving, now to just find a ride to the range.



Sighting in was a breeze, and the micrometer rear sight along with the front globe sights took a bit to get used to (*they aren't the usual [Mojo sights](#), but very similar in functionality and sight picture*). As a result of the heavy weight of the rifle it produced recoil equivalent to my Remington 700 in .223 Remington - which is almost nothing. The trigger squeeze was smooth and the break was very light.

I think - either I've gone to heaven or I'm in love.

I did all my shooting at 100 yards, and although not totally acclimated to the sights I was able to produce an average of 1.25 inches (*center to center*). I did this using handload's, and tried both Sierra 140 and 142 Grain HPBT with between 33 and 35 grains of Hogden Varget power. Both combinations shot equally well, but the consistent winner was the 140 grain bullet.



The front globe sights use standard [Anschutz inserts](#) and I've obtained the [Lyman series 20](#) which have the same dimensions. I am also curious about modifying the rear site aperture which can be changed as well on the Soderin receiver sight. It will take time and patience to get this down to a science.



When I ordered the rifle I didn't know a thing about using micrometer/globe sights and it's been a challenge. Sure I've used scopes, scout scopes, regular iron sights and of course the [Mojo Phase III sights](#) (which I love as well). With this new wrinkle in my target shooting I'm hooked, but finding "quality" micrometer sights new or used is another story in itself.

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