

Liberty Suppressors

113 Gunsmoke Trail

Trenton GA 30752

706-657-7944

www.libertycans.net

Issue resolution data collection form

For all baffle strike warranty requests, we will be collecting the following data in an effort to figure out the problem with the strikes and to see if there are any trends that develop based on ammunition, weapons or suppressor issues. Each suppressor is tested here at the facility with live ammunition to confirm that it is free of baffle strikes before it leaves to go to the customer.

Also please note that there is a difference between point of impact shift and baffle strike issues. Some people are getting these two issues confused and we would like to clear this misunderstanding up as well.

- Baffle strikes will cause erratic group sizes, most of the time causing the groups to open up and shift dramatically. The direction of shift is not an issue, but rather that it IS shifting and there is a dramatic change in accuracy of the groups that is negative in nature.
- Point of Impact Shift is caused by the harmonic disturbance of the silencer on the end of the barrel. Sometimes the gas inside the silencer can also disrupt bullet flight, but most of the time it is due to the weight of the silencer being added that changes where the bullets land on the target. Most of the time, the gun will shoot low and to the left. This is based on our own personal experience with firearms here at the test facility. The biggest difference between this and baffle strikes is that the group size will almost always be the same or slightly smaller. So the gun will shoot better most of the time, just in a different place. In some extreme instances there have been changes of up to 12", but the groups still run good. This is a function of several factors that affect the barrel such as barrel harmonics, size of the barrel (diameter), barrel length and fluting, and length and weight of the silencer. Barrel whip is dampened when the silencer is added. The silencer being added to the end of the barrel will also pull the barrel down with gravity as well, causing the gun to shoot low by a function of gravitational pull.

Thank you,
The Liberty Team

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Please fill out the form below to help us know what to do for your silencer.

Suppressor S/N:

Gun Model:

Ammo:

Who threaded the gun?

Approx. How many rounds before the issue?

Which mounting device was on the suppressor?

What is the problem that you are having?

Thank you for your help and we will try our best to get your problem resolved. Please refer to our evaluation sheet to figure out if there are any precursor issues to this problem.

Thank you,
The Liberty Team