

Replicator - Silencer Summit 2025

Write-up - 5.56 mm

This document is a brief overview of Replicator Suppressors (labeled as RR Weapons on the Silencer Summit website) and how they stack up when compared to somewhat similar suppressors. Full results are here:

<https://thunderbeastarms.com/sound/summit2025/>

Full results are confusing for many people, so we have pared down some of the data in order to give you and customers in an easily digestible format. We have sections for general performance, length, and weight.

Notes:

- Most manufacturers measure A-weighted decibels 1 meter left of the muzzle (ML dBA). This is a decent measurement to show the sound coming from the side of the firearm.
- Another useful measurement is decibels at the shooter's ear. (SE dBA)
- Leq is interesting as it gives an average over 10ms, giving you an idea of exposure

General Performance.....	2
Length.....	3
Weight.....	4



General Performance

The Ventus is our free-flow flagship product and is an all-around excellent performer. The Ventus 556 is incredibly pleasant to shoot for you and everyone around. For a .30 caliber suppressor on a 5.56 host, the Ventus 30 performs excellent as well:

<u>5.56 mm Host</u>	<u>ML dBA</u>	<u>Weight as shot</u>	<u>Length</u>
Ventus 556	138.59	17.2	6.63
Ventus 30	142.93	16.9	6.63
SilencerCo Velos LBP	140.26	22.6	6.99
Dead Air Lazarus 6	140.99	19.5	6.3
Cat WB A1 718 (white bread)	143.28	18.2	5.75
Dead Air Sandman X (.30)	143.45	14.6	6.25
HuxWrx Flow 556k	145.62	15.5	5.68



Length

The Chode is our brand new super short free-flow, extreme duty use design. It is shorter than anything that was tested and if you sort against the next few by length, we are beating in almost every category! Muzzle Left was kept in the table, but the crazy thing is that this is actually really pleasant to shoot. Look at Shooter's Ear and see what I mean:

<u>5.56 mm Host</u>	<u>SE Leq dbA</u>	<u>ML dbA</u>	<u>Weight as shot</u>	<u>Length</u>
Chode	128.25	148.51	15.9	3.63
HuxWrx Flow 556k	127.72	145.62	15.5	5.68
Knights MCQ-2	129.71	148.24	14.5	4.5
Knights MCQ-1	130.86	154.36	16.3	4.5

The Ventus K is also new, and again, same free-flow extreme duty design. It's a bit louder at muzzle left than some other products we have, but it may just be the quietest at shooter's ear for this style of can. It's weird as a shooter when you see a higher number for muzzle left, but then you shoot it and it doesn't sound or feel that loud. Nothing can really replace the shooting experience, but you can see why a lot of people absolutely love this little guy - the SE ratings. He's short, too - just not as short as the Chode but even lighter.

<u>5.56 mm Host</u>	<u>SE dbA</u>	<u>ML dbA</u>	<u>Weight as shot</u>	<u>Length</u>
Ventus 556 K	138.83	146.76	14.6	4.8
HuxWrx Flow 556k	140.56	145.62	15.5	5.68
Dead Air Sandman X (.30)	140.87	143.45	14.6	6.25
Knights MCQ-1	141.96	154.36	16.3	4.5



Weight

Finally, if you have customers for whom weight is their top priority, we have the following table sorted by weight.

<u>5.56 mm Host</u>	<u>ML dBA</u>	<u>Weight as shot</u>	<u>Length</u>
Nixis 556 K	140.86	14.2	5.63
Ventus 556 K	146.76	14.6	4.8
Dead Air Sandman X (.30)	143.45	14.6	6.25
HuxWrx Flow 556k	145.62	15.5	5.68
Chode	148.51	15.9	3.63
Knights MCQ-1	154.36	16.3	4.5

If you have any questions, please call us!
(877) 803-1337 x700

