

Report on Dan Newberry OCW Experience

I can't remember how I found Dan Newberry and Optimum Charge Weight, but glad I did about 8 years ago. Getting a Rem m700 CDL in 30-06 with tapered 24" barrel to shoot best could was a challenge I'd never tried before. Lucky for me, I found Dan's OCW method and understood the science behind it. Barrel resonance / vibration was the enemy and bullet selection / powder selection / charge weight the answer. Settling on 180 grain as the bullet length for a 1:10 twist barrel then following Dan's OCW process gave answer for the load.

During the time of working up the OCW load, I met a fellow member, Sergeant Keith Bucklin, Army sniper with experience from Desert Storm, Iraq and Afganistan experience. One of his jobs was protecting the road(s) servicemen and women used to transport themselves and material. (He is proud to say he never lost a soldier on his watch). Keith was shooting on B with a custom rifle and loads. We discussed the OCW process and found the process saves considerable material compared to the ladder approach to load development. It turns out the off the shelf rifle shot favorably compared to his custom gun. Sub 1 min. to $\frac{1}{2}$ min respectively. That is acceptable for a hunting gun, but not for a sniper. Still, the OCW method has it's place for some of us.

I'd invite you to study Mr. Newberry's presentation and decide if OCW procedure is right for you.

...then, Mr. David Tubb's bore lapping bullets slicked up the barrel. More on that later...

Good luck in your shooting sports enjoyment.
And be safe.

Chuck Garrett