



# **Bear Creek** *BALLISTICS*

**Precision Firearms & Ammunition**

## Load Data Sheet

Date 11/28/2024 Rev A - AA#9 Add

Date 04/25/2025 Rev B - Adjusted OAL

Cartridge Data			Bullet Data		
	<b>Cartridge</b>	450 Bushmaster		<b>Part Number</b>	451.200HV
	<b>Case</b>	Starline		<b>Family</b>	HV Perform Tip
	<b>Primer</b>	CCI 450		<b>Length (inch)</b>	1.015
	<b>COAL</b>	2.430"		<b>Diameter (inch)</b>	0.4512
	<b>Trim Length</b>	1.693"		<b>Weight (grains)</b>	200

Load Information		Starting Load	
	<b>Powder</b>	<b>Grains</b>	<b>Velocity</b>
	Accurate #9	42.2	2,735
	Winchester 296	41.0	2,450
	Hodgdon H110	41.0	2,450

Max Load	
<b>Grains</b>	<b>Velocity</b>
43.0	2,775
44.8	2,600
44.8	2,600

Test Rifle		
	<b>Barrel Manufacturer</b>	Shilen
	<b>Barrel Length</b>	24"
	<b>Action</b>	Howa 1500
	<b>Profile</b>	5A - .750"
	<b>Twist</b>	1:16

<b>Warning:</b> Careless or incorrect handloading procedures can result in serious injury. Since individual handloading procedures, operations and safety practices are beyond our control, we disclaim all liability for any damages which may result.
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<b>Notes:</b>
Do not remove the frosted coating from bullets, this coating reduces friction with bore.
Lite deburr ID of case mouths to promote consistent neck tension.
Taper crimp case mouth flat but do not excessively taper crimp case mouth. If belting case mouth.
For every inch of barrel reduction velocity is reduced by 25 fps.
A stab crimp can be used with this bullet but needs to be aligned with the bullet crimp groove.
Some seating dies may need the bullet seating punch machined to match bullet profile.

