



**RELENTLESS RELIABILITY**  
ARIZONA BALLISTIC TEST RESULTS

*DATA COLLECTED: August 5, 2007, McMillan Range, 90 degrees, no wind, shot from prone with sandbag rest using Nightforce 18X scope and fixed MagPul stock @ 100 yards. Rifles used: POF .308 with 14.5 inch barrel, 16.5 inch barrel and 24 inch barrel. Timney 3 lb. trigger. Surefire Suppressor used as noted.*

<b>AMMUNITION</b>	<b>BBL.</b>	<b>SUPPRESSOR</b>	<b>GROUP SIZE</b>
<b>POF .308 W/ 14.5 INCH BARREL</b>			
Hornady 110gr TAP	14.5	yes	.250 - .550
Hornady 110gr TAP	14.5	no	.50 - 1.00
Hornady 155gr TAP	14.5	yes	.038 - .500*
* Three round group measuring .038 shot with this ammo!			
Hornady 155gr TAP	14.5	no	.250 - .500
Hornady 168gr TAP	14.5	yes	1.25 - 1.50
Hornady 168gr TAP	14.5	no	1.25 - 1.50
Hornady 168gr Match	14.5	yes	.280 - .750
Hunting Shack 168gr Amax	14.5	yes	.300 - .500
Hunting Shack 168gr Amax	14.5	no	.750 - 1.00
<b>POF .308 W/ 16.5 INCH BARREL</b>			
Hornady 110gr TAP	16.5	yes	.500 - 1.00
Hornady 110gr TAP	16.5	no	.500 - 1.00
Hornady 155gr BTHP	16.5	no	.250 - 1.00
Hornady 168gr TAP	16.5	no	.500 - .750
Winchester 155 A-Max	16.5	no	.250 - 1.00
Winchester 168gr Barnes	16.5	no	1.00 - 1.750
<b>POF .308 W. 24 INCH BARREL</b>			
Hornady 110gr TAP	24	no	1.00 - 1.50
Hornady 155gr Match	24	no	.700 - 1.00
Winchester 155gr A-Max	24	no	.500 - 1.750
Hornady 168gr TAP	24	no	.500 - .780
Hunting Shack 168gr Match	24	no	.750 - 1.100

**VELOCITY COMPARISON (AMMO USED HORNADY 168GR TAP)**

14.5 INCH BARREL WITH SUPPRESSOR = 2427 fps  
14.5 INCH BARREL WITHOUT SUPPRESSOR = 2424 fps

16.5 INCH BARREL WITH SUPPRESSOR = 2475 fps  
16.5 INCH BARREL WITHOUT SUPPRESSOR = 2484 fps



**RELENTLESS RELIABILITY**

**Additionally 1265 rounds of various types and brands of .308 ammunition were fired**

**COLORADO BALLISTIC TEST RESULTS**

*DATA COLLECTED: June 26, 2007, Clear Creek County Range, Elev. 8,670 feet, 85 degrees, no wind, shot from bench with sandbag rest using Leupold 3.5 – 10 X MRT scope @ 100 yards. Average of five, 5 round groups shown for size. Rifle- POF .308 16.5 inch barrel, adjustable stock, Timney 4.0 lb. trigger*

<b>AMMUNITION</b>	<b>AVG. VELOCITY</b>	<b>GROUP SIZE</b>
<b>Federal 168gr HPBT Match</b>	<b>2564</b>	<b>.750 – 1.250</b>
<b>Federal 165gr Tactical Core Bonded</b>	<b>2548</b>	<b>.250 – 1.00</b>
<b>Hunting Shack M118 175gr HPBT Match</b>	<b>2518</b>	<b>.500 – 1.125</b>
<b>Hornady 155gr AMAX</b>	<b>2685</b>	<b>.250 - .750</b>
<b>Winchester 168gr HPBT Match</b>	<b>2606</b>	<b>1.00 – 1.50</b>

**through the POF rifle in CQB drills in one afternoons range session by several shooters. We found that most shooters could easily fire four rounds in under one second while running rhythm drills. There were absolutely no stoppages encountered during any of our testing.**