



**PRESSURE & VELOCITY (TRANSDUCER)**

**AMMUNITION**

Manufacturer : SHELL SHOCK Case : NAS<sup>3</sup>  
Type : 9mm Primer: S&B  
Bullet : FMJ Bullet Wt (gr) : 124

**WEAPON**

Type TEST BARREL Barrel Length (in) : 4  
Ser. No 210 Velocity Correction (fps) : 80

**SET-UP**

Vel. Screen 1 : 5 Temperature (F) : 71  
Vel. Screen 2 : 25 Barometer (in Hg) : 30.00  
Range No. : 1 Rel. Humidity (%) : 29  
Gunner : CHES Recorder : BONSALL

**INSTRUMENTATION**

	<u>Make/ Model</u>	<u>Serial Number</u>
Transducer :	PCB/117B25	5577
Ballistic Meter :	PCB/117B25	336
Scope :	Tektronix/ DP02014	C011243

Shot No	Time 1 (usec)	Velocity 1 (fps)	Time 2 (usec)	Velocity 2 (fps)	Average Velocity (fps)	Corrected Velocity (fps)	Pressure Reading (psi)	
1	17696	1130	17696	1130	1130	1210	27,200	
2	17709	1129	17714	1129	1129	1209	26,000	
3	17718	1129	17718	1129	1129	1209	23,200	
4	17727	1128	17732	1128	1128	1208	24,400	
5	17727	1128	17732	1128	1128	1208	22,800	
6	17732	1128	17736	1128	1128	1208	20,800	
7	17741	1127	17741	1127	1127	1207	26,000	
8	17736	1128	17736	1128	1128	1208	27,200	
9	17741	1127	17741	1127	1127	1207	26,000	
10	17745	1127	17745	1127	1127	1207	28,000	
<b>RESULTS</b>		<b>Velocity</b>					<b>REMARKS</b>	
No. Data Points :		10					BERRY's 9mm 124gr TITEGROUP POWDER 4.2gr  Shell Shock Technologies Summary Report	
Maximum :		1210						
Minimum :		1207						
Extreme Variation :		3						
<b>Average :</b>		<b>1208</b>						
<b>Standard Deviation :</b>		<b>0.93</b>						
Avg.+3 Std. Dev :		1211						
Standard Error :		0.29						
Avg. + 2SE :		1209						
Avg. +5SE :		1210						