

**Performance of No Man's Land 20 gauge  
T-Buck (27 pellets)  
in Bare 10-percent ballistic gelatin**

**Brass Fetcher Ballistic Testing**

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## Summary

	Shot 1	Shot 2	Shot 3
<b>Calibration depth</b> (Inches, corrected to 590 ft/sec impact velocity) (Ideal gelatin block penetration depth = 3.4")	3.7		
<b>Impact velocity</b> (Measured at 7ft) (ft/sec)	1269		
<b>Median Penetration Depth</b> (inch)	10.3		

Notes :

Weapon – Mossberg 20 gauge *Model 500* serial number T741592; 18.5" barrel length, cylinder choke

Distance – 10.0 feet, muzzle to impact face

## Shot 1

Block Calibration Velocity (ft/sec)	Block Calibration Depth (inch)	Block Calibration Temperature (Degrees Fahrenheit)	Block Core Temperature (Degrees Fahrenheit)
586	3.9	42.3	42.6

Impact Velocity (ft/sec)	Deepest Penetration Depth (inch)	Maximum Crack Diameter (inch)	Maximum Crack Diameter Location (inch)
1269	14.9	6.1	3.8

Cavitation Depth (inch)	Pellets Recovered Independent of the primary cavity (quantity)	Average Surface Area of Independent pellets (square inch)	Pellet Combined Surface Area Independent of the primary cavity (square inch)
8.0	27	0.033	0.900

### Notes :

Test site conditions – 69 degrees Fahrenheit, 81% relative humidity

Time out of refrigeration prior to shot impact – 5 minutes

Fragment average recovered weight – 12.3gr

Maximum dispersion of shot pattern – 5.8” spread at 10.3” penetration depth

Figure 1. Side view of **Shot 1** gelatin block

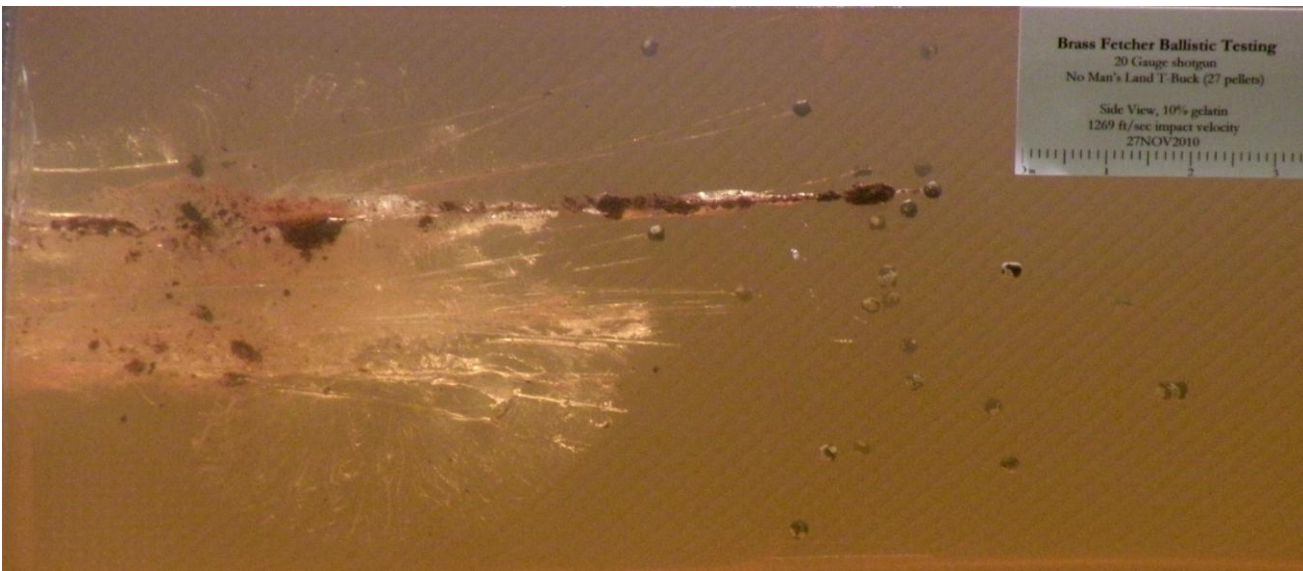


Figure 2. Top view of **Shot 1** gelatin block

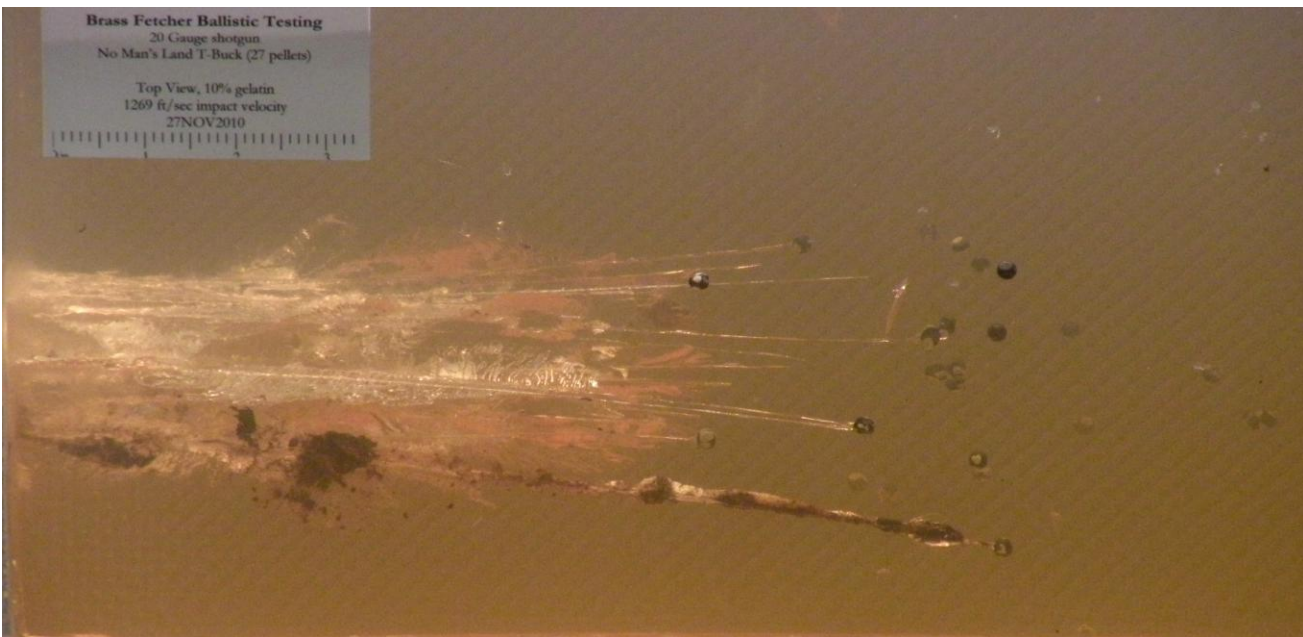


Figure 3. Fragment view of **Shot 1** recovered shot pellets

