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PHONE: 1-800-256-8685

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## SHOTSHELL DATA BOOK

TACTICAL® TRUBALL® RIFLED SLUG ■ TACTICAL® BUCKSHOT ■ TACTICAL® PRECISION BUCKSHOT

## INTRODUCTION

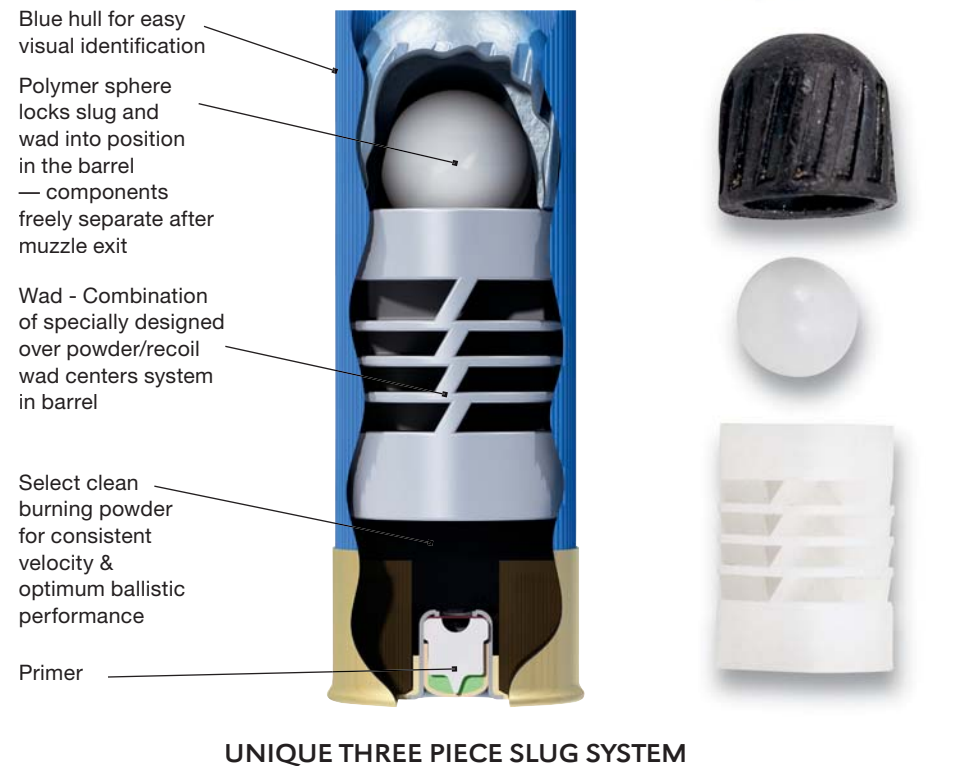
Since its inception, the FBI Testing Protocol for handgun ammunition has become the standard by which many law enforcement agencies across the nation evaluate service handgun ammunition performance. In publishing the Rifle Data Book, Federal Cartridge again proved to be the industry leader in testing. We tested Tactical® TRU® and Tactical Bonded law enforcement rifle ammunition utilizing these recognizable testing standards to provide evidence of their performance. Now, we apply the same concept to Law Enforcement shotshell ammunition.

With the introduction of FLITECONTROL® Buckshot and TruBall® Slugs, shotshell technology entered the 21st Century. As the leader in manufacturing law enforcement shotshell ammunition, Federal Cartridge recognized that these technological innovations and increased performance characteristics necessitated additional testing beyond pattern density and accuracy. It is for this reason the Shotshell Data Book was created.

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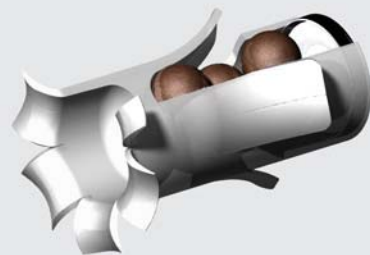
## TACTICAL® TRUBALL® RIFLED SLUG

Federal's Premium® Tactical® TruBall® Rifled Slug provides an amazing accuracy improvement for smoothbore shotguns. The unique TruBall system locks the components together, centering the slug in the barrel. This unique system promotes clean separation of components after muzzle exit to ensure greater down-range accuracy. TruBall is capable of 2" groups at 50-yards—more like what you'd expect of sabot slugs shot from a rifled barrel. Federal Tactical Slugs also feature an all brass head for improved extraction and ejection and a blue hull for easy visual identification. The TruBall Rifled Slug ushers in a new generation of rifled slug systems and provides the confidence you need in standard police shotguns.



## TACTICAL® PRECISION BUCKSHOT

The patented FLITECONTROL® wad provides the delivery system for Precision Buckshot. This unique development keeps buckshot in the wad until contacting a hard target, providing the kinetic energy of a slug with the impact of buckshot. Get more penetration through barriers and minimize collateral damage with this load. **NOTE:** Use in pump action shotguns only.



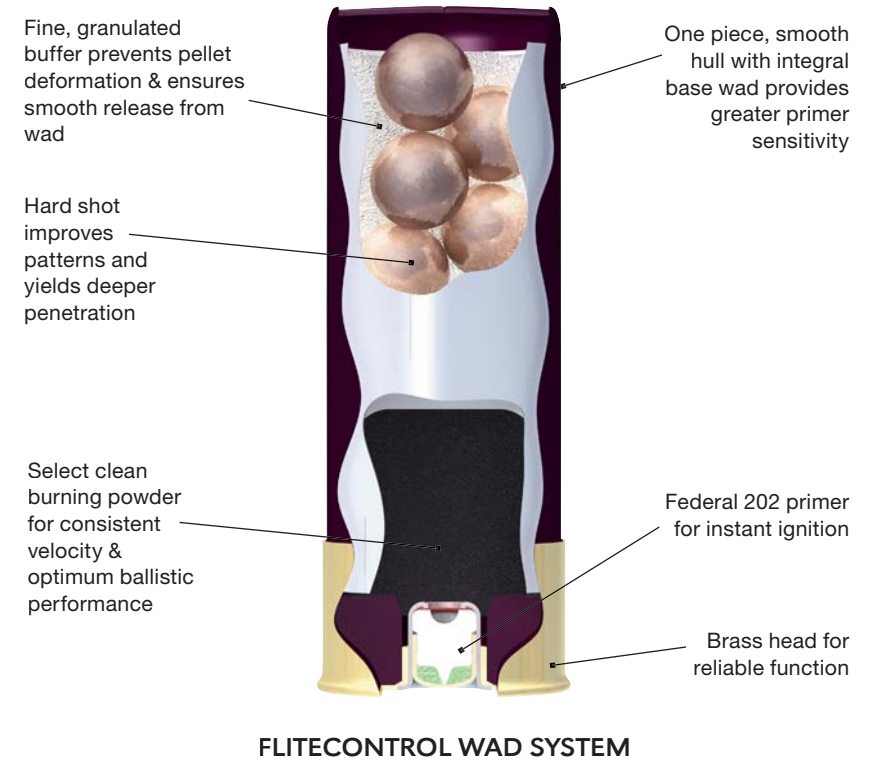
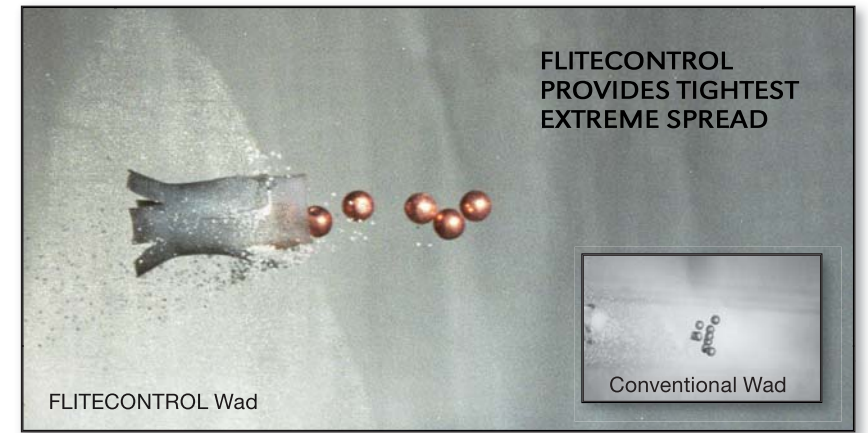
Model shown simulates the Precision Buckshot round in flight.

## TACTICAL® BUCKSHOT

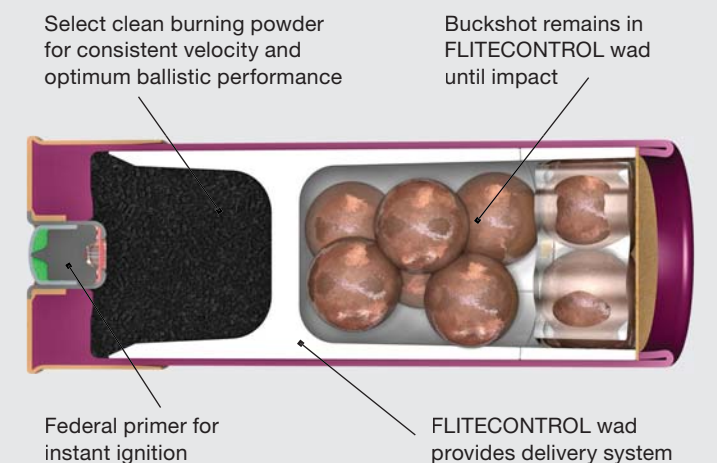
Federal Premium® has turned shot-shell technology 180 degrees with the FLITECONTROL® Wad. This exciting and innovative shotshell system delivers the tightest buckshot patterns available for law enforcement—all without expensive barrel alterations or aftermarket choke tubes.

Tactical Buckshot also features copper-plated shot and recoil reduction that, when combined with the FLITECONTROL wad, result in the most dependable and predictable pattern performance available. Tactical also features a solid brass head for reliable function—not brass-plated steel that can swell and cause extraction issues. To top it off, all Federal Tactical Shotshell offerings are loaded with the unique and famous, Basic-Lead Styphnate 202 primer. Federal Premium Tactical Buckshot is offered in reduced recoil 8 and 9 pellet 00, and a full power 9 pellet 00 for semi-automatic shotguns.

Tactical Buckshot featuring FLITECONTROL transforms the most basic police shotgun into a precision shooting tool.



The Precision Buckshot FLITECONTROL wad contains the buckshot until just after impact. Upon contact with the windshield, the buckshot is dispersed, proving its effectiveness on barriers. (Simulated Windshield Impact)





### BARE GEL

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of gel block

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 23.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 19.75" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 15.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 13.75" Expansion: 1.14" Retained Weight: 424.5 % Weight Retained: 97.02	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 10" Expansion: 1.54" Retained Weight: 426.2 % Weight Retained: 97.41	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 14" Expansion: 1.14" Retained Weight: 418 % Weight Retained: 95.54	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 14.25" Expansion: 0.981" Retained Weight: 435.7 % Weight Retained: 99.59	

### HEAVY CLOTHING

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of barrier

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 18" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 24+ " Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 22.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 16.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 12.75" Expansion: 1.07" Retained Weight: 427.8 % Weight Retained: 97.78	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 10" Expansion: 1.04" Retained Weight: 222.25 % Weight Retained: 50.8	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 14" Expansion: 1.14" Retained Weight: 418 % Weight Retained: 95.54	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 15.5" Expansion: 0.924" Retained Weight: 432.9 % Weight Retained: 98.95	

NOTE: Velocities from test barrels. Pellets not recovered exited sides of gel block unless otherwise noted. Gelatin block size: 10"x10" x 24"; penetration in excess of 24 inches entered a back-up block.



# STEEL

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of barrier

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 18" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 17.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 17.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 14.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 23" Expansion: 0.89" Retained Weight: 479.3* % Weight Retained: 109.54	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 19.5" Expansion: 1.04" Retained Weight: 474.3* % Weight Retained: 108.41	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 18.5" Expansion: 0.99" Retained Weight: 420.4 % Weight Retained: 96.09	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 15.5" Expansion: 0.91" Retained Weight: 427.2 % Weight Retained: 97.65	

\* If the retained weight of the TruBall® Slug is over 437.5 grains (1 ounce), the TruBall was retained in the base of the slug.

# WALLBOARD

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of barrier

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 20" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 20.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 16" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 15" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 17.5" Expansion: 0.88" Retained Weight: 431.7 % Weight Retained: 98.67	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 12" Expansion: 1.18" Retained Weight: 421.4 % Weight Retained: 96.32	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 17" Expansion: 0.89" Retained Weight: 433.1 % Weight Retained: 98.99	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 19" Expansion: 0.91" Retained Weight: 422.9 % Weight Retained: 96.66	

NOTE: Velocities from test barrels. Pellets not recovered exited sides of gel block unless otherwise noted. Gelatin block size: 10"x10" x 24"; penetration in excess of 24 inches entered a back-up block.



## PLYWOOD

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of barrier

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 18.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 18.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 17.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 18" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 20" Expansion: 0.85" Retained Weight: 426.7 % Weight Retained: 97.53	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 12" Expansion: 1.02" Retained Weight: 332 % Weight Retained: 75.89	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 14.5" Expansion: 1.113" Retained Weight: 419.8 % Weight Retained: 95.95	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 19" Expansion: 0.85" Retained Weight: 433.2 % Weight Retained: 99.02	

## GLASS

Shotgun: 870 Cylinder Bore • Barrel: 18.5 inches • Range: Muzzle 10 ft. from front of barrier

Load Number	Wound Characteristics	Stats	Projectile(s)
<b>LE127 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1325 Penetration: 22.25" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE132 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 9 pellets Velocity: 1145 Penetration: 18.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00</b> Tactical w/ FLITECONTROL®		Projectile Weight: 8 pellets Velocity: 1145 Penetration: 16.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LE133 00PR</b> Tactical Precision		Projectile Weight: 8 pellets Velocity: 1050 Penetration: 12.5" Expansion: N/A Retained Weight: N/A % Weight Retained: N/A	
<b>LEB127 LRS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 14.5" Expansion: 0.778" Retained Weight: 281.3 % Weight Retained: 64.3	
<b>LEB127 RS</b> Tactical w/ TruBall®		Projectile Weight: 1 ounce Velocity: 1600 Penetration: 12.75" Expansion: 0.976" Retained Weight: 331.7 % Weight Retained: 75.82	
<b>LEF127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1610 Penetration: 19.5" Expansion: 0.924" Retained Weight: 324.2 % Weight Retained: 74.1	
<b>LE127 RS</b> Tactical Hydra-Shok®		Projectile Weight: 1 ounce Velocity: 1300 Penetration: 11.75" Expansion: 0.95" Retained Weight: 228.2** % Weight Retained: 52.16	

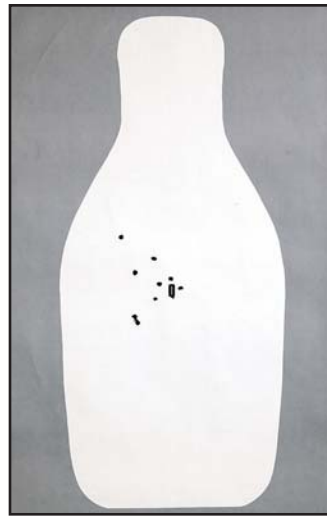
NOTE: Velocities from test barrels. Pellets not recovered exited sides of gel block unless otherwise noted. Gelatin block size: 10"x10" x 24"; penetration in excess of 24 inches entered a back-up block. \*\* Slug broke into 2 pieces. Larger weighed 228.2 grains, smaller weighed 106.1 grains.



# TARGETS

## Load Number

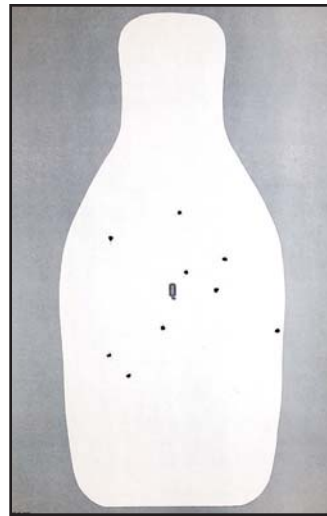
**LE127 00 (20 yds.)**  
Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

## Load Number

**LE127 00 (30 yds.)**  
Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

## Load Number

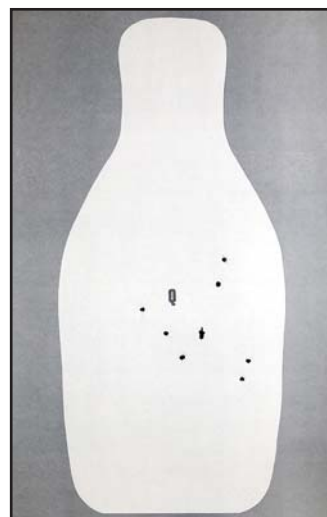
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Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

## Load Number

**LE132 00 (30 yds.)**  
Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

# TARGETS

## Load Number

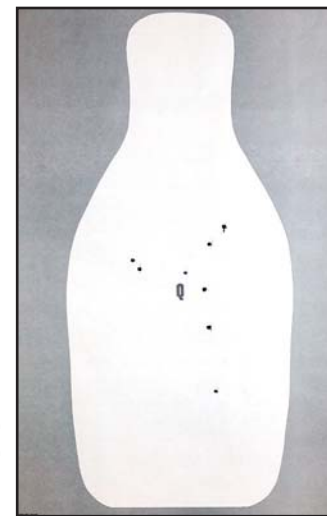
**LE133 00 (20 yds.)**  
Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

## Load Number

**LE133 00 (30 yds.)**  
Tactical w/ FLITECONTROL®



Rem. 870  
#4050  
18" Cyl.  
1 rd.

## Load Number

**LEB127 LRS (50 yds.)**  
Tactical TruBall



Rem. 870  
#4050  
18" Cyl.  
3-5 rd. grps.

## Load Number

**LEB127 RS (50 yds.)**  
Tactical TruBall



Rem. 870  
#4050  
14" Mod.  
3-5 rd. grps.