

# 22-250 Remington

## Test Specifications/ Components

**Firearm Used:** Rem 700

**Barrel Length:** 26"

**Twist:** 1 x 14" (1 x 8" for 69 & 80)

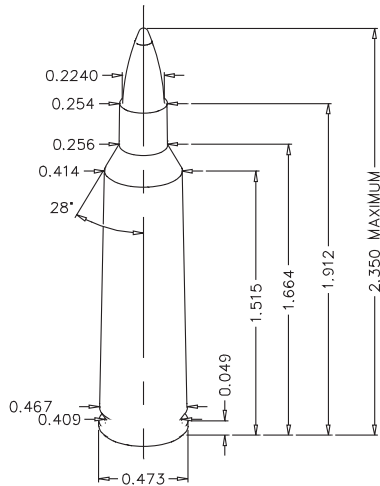
**Case:** Federal

**Trim-to Length:** 1.900"

**Primer:** Fed 210M

## Remarks:

Many of today's most popular cartridges had their beginnings as wildcats. The 22-250 Remington is one of the best examples. While the 250-3000 Savage case had been necked down to either 22 or .224" caliber by several earlier wildcatters, credit goes to Jerry Gebby for the final version that



Remington eventually standardized in 1965. Gebby went so far as to copyright the name "Varminter" in promoting the new cartridge.

Rarely mentioned today is the fact that Gebby actually produced three different Varminter cartridges, each intended for different ranges and performance levels. The cartridge we know today as the 22-250 Remington was known as the 22 Standard Varminter. Gebby also chambered what he called the 22 Senior Varminter, a 257 Roberts necked down to accept .224" diameter bullets. For shorter-range use, Gebby produced the 22 Junior Varminter, a 32-40 Ballard case necked down to .22" caliber. Today, only the 22 Standard Varminter survives. Given the performance of the 22-250, it is difficult to understand why it took so long for a major manufacturer to adopt it. The cartridge had been popular as a benchrest chambering in the game's early days and was very well known and quite popular among varmint hunters.

The 22-250 has enjoyed a reputation as an accurate, flat-shooting and hard-hitting varmint cartridge. When loaded to its top velocity levels, the 22-250 is good to 400 yards or better on varmints as large as coyotes. Sierra's line of 22 caliber bullets allows handloaders to optimize performance for their particular shooting situation. Some cautions, however, apply. While we have included data for the 69 grain MatchKing, this bullet requires a rifling twist of 1x10" or faster for proper stabilization. The 77 and 80s need a twist of 1 in 8 for best results. When using 50 and 55 grain Blitz bullets, we recommend that velocities be kept under the 3600 fps level to prevent potential bullet disintegration in flight. The 22-250 Remington is still one of our most popular varmint cartridges and will undoubtedly remain so for many years to come.

## 22-250 Remington continued

**#1385 .224" 40 gr. HP**  
C.O.A.L. 2.300"



**#1440 .224" 40 gr. BlitzKing**  
C.O.A.L. 2.350"



Powder↓/Velocity→	3600	3700	3800	3900	4000	4100	4200
RE-7	28.5	29.3	30.1	30.8	31.6	32.4	
IMR-3031	32.3	33.0	33.7	34.4	35.1	35.8	36.5
BL-C(2)	35.1	36.2	37.3	38.3	39.4		
AA-2460	32.3	33.2	34.1	35.1	36.0	36.9	
TAC	32.7	33.4	34.1	34.8	35.5		
IMR-4895	34.1	34.8	35.5	36.1	36.8		
Viht N135	32.4	33.2	33.9	34.7	35.5	36.2	37.0
Varget	34.9	35.7	36.5	37.3			
IMR-4064	33.5	34.4	35.3	36.2	37.1	38.0	
AA-4064	34.5	35.3	36.1	36.9	37.7	38.5	
AA-2520	32.8	33.7	34.5	35.4	36.3	37.1	38.0
IMR-4320	35.5	36.3	37.0	37.8	38.5		
Viht N140	34.6	35.4	36.2	37.0	37.8	38.6	39.4
Viht N540	35.3	36.0	36.7	37.4	38.1		
RE-15	34.5	35.3	36.1	36.9	37.7		
H380	38.2	39.6	40.9				
<b>Energy/ft.lbs.</b>	<b>1151</b>	<b>1216</b>	<b>1282</b>	<b>1351</b>	<b>1421</b>	<b>1493</b>	<b>1566</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N140	37.8	4000	1421
Hunting Load	Viht N140	38.6	4100	1493



*James Askren, of Chariton, IA, shot this coyote with Sierra's 22 caliber 50 grain BlitzKing in his 22-250 Remington. The coyote came in behind him as he was calling, and the shot was taken at only 15 yards. With no exit wound, the coyote was out before it hit the ground.*

**INDICATES MAXIMUM LOAD – USE CAUTION**  
**LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.**

## 22-250 Remington continued

**#1310 .224" 45 gr. SPT**  
C.O.A.L. 2.350"



Powder↓/Velocity→	3500	3600	3700	3800	3900	4000
IMR-4198	27.6	28.5	29.4	<b>30.3</b>		
RE-7	27.3	28.3	29.3	30.2	<b>31.2</b>	
IMR-3031	31.6	32.4	33.2	34.0	<b>34.8</b>	
748	34.2	35.1	35.9	<b>36.8</b>		
BL-C(2)	34.9	<b>36.0</b>				
AA-2460			33.0	34.4	<b>35.8</b>	
TAC	31.5	32.5	33.5	<b>34.5</b>		
IMR-4895	33.5	34.3	35.0	35.8	<b>36.5</b>	
Viht N135			33.6	34.5	35.4	<b>36.3</b>
Varget	34.4	35.1	35.8	<b>36.5</b>		
IMR-4064	34.0	34.7	35.4	36.0	<b>36.7</b>	
AA-4064	34.2	34.9	35.6	36.3	<b>37.0</b>	
AA-2520	32.6	33.4	34.2	35.1	35.9	<b>36.7</b>
IMR-4320	33.7	34.8	35.9	<b>37.0</b>		
Viht N140	33.6	34.6	35.6	36.5	37.5	<b>38.5</b>
Viht N540	34.6	35.3	36.0	36.7	<b>37.4</b>	
RE-15	34.0	34.9	35.8	<b>36.7</b>		
H380	36.4	37.7	39.0	<b>40.3</b>		
760		39.0	39.9	40.7	<b>41.6</b>	
Viht N550	36.7	37.4	38.1	38.8	<b>39.5</b>	
<b>Energy/ft.lbs.</b>	<b>1224</b>	<b>1295</b>	<b>1368</b>	<b>1443</b>	<b>1520</b>	<b>1598</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N550	37.4	3600	1295
Hunting Load	Viht N135	35.4	3900	1520

**INDICATES MAXIMUM LOAD – USE CAUTION**

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## 22-250 Remington continued

**#1320 .224" 50 gr. SMP**  
C.O.A.L. 2.320"



**#1330 .224" 50 gr. SPT**  
C.O.A.L. 2.350"



**#1340 .224" 50 gr. Blitz**  
C.O.A.L. 2.350"



**#1450 .224" 50 gr. BlitzKing**  
C.O.A.L. 2.350"



Powder↓/Velocity→	3400	3500	3600	3700	3800	3900
RE-7		28.3	29.4	<b>30.5</b>		
IMR-3031	30.8	31.7	32.5	33.4	34.2	<b>35.1</b>
AA-2230	30.6	31.7	32.7	33.8	<b>34.8</b>	
748	33.8	34.7	35.7	<b>36.6</b>		
BL-C(2)	33.4	34.8	<b>36.1</b>			
AA-2460	32.0	32.9	33.8	34.7	<b>35.6</b>	
TAC	31.6	32.4	<b>33.2</b>			
IMR-4895	32.7	33.5	34.3	35.1	<b>35.9</b>	
Viht N135	31.0	31.9	32.8	<b>33.7</b>		
Varget	33.0	34.0	35.0	<b>36.0</b>		
IMR-4064	32.8	33.7	34.5	35.4	<b>36.2</b>	
AA-4064	33.4	34.2	35.0	<b>35.8</b>		
AA-2520	31.4	32.4	33.4	34.3	<b>35.3</b>	
IMR-4320	34.2	35.1	<b>35.9</b>			
Viht N140	32.5	33.5	34.6	35.6	<b>36.6</b>	
Viht N540	34.1	34.8	35.5	36.2	<b>36.9</b>	
RE-15	33.0	34.0	35.0	<b>36.0</b>		
H380		36.8	38.4	<b>39.9</b>		
760	36.8	37.8	38.8	39.8	<b>40.8</b>	
Viht N550			37.4	38.2	<b>39.0</b>	
<b>Energy/ft.lbs.</b>	<b>1283</b>	<b>1360</b>	<b>1439</b>	<b>1520</b>	<b>1603</b>	<b>1688</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	<b>RE-15</b>	<b>36.0</b>	3700	1520
Hunting Load	<b>IMR-4895</b>	<b>35.9</b>	3800	1603

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# 22-250 Remington continued

**#1410 .224" 52 gr. HPBT MatchKing**  
C.O.A.L. 2.350"



**#1400 .224" 53 gr. HP MatchKing**  
C.O.A.L. 2.350"



Powder ↓ / Velocity →	3300	3400	3500	3600	3700
RE-7	26.6	27.7	28.9	30.0	
IMR-3031	30.1	31.0	32.0	32.9	33.8
748	32.4	33.5	34.7	35.8	
BL-C(2)	33.6	35.0			
AA-2460	31.4	32.1	32.8	33.5	34.2
IMR-4895	31.7	32.6	33.5	34.4	35.3
Viht N135	29.8	30.9	32.1	33.2	
Varget	32.3	33.3	34.3	35.3	
IMR-4064	31.8	32.7	33.7	34.6	35.5
AA-2520	30.8	31.8	32.8	33.8	34.8
IMR-4320	33.2	34.1	35.0	35.9	
Viht N140	32.4	33.3	34.2	35.1	
Viht N540	33.1	33.9	34.7	35.5	
RE-15	32.5	33.3	34.1	34.9	35.7
H380	35.5	36.7	38.0	39.2	
760		37.6	38.5	39.4	
Viht N550	35.5	36.2	36.9	37.6	38.3
<b>Energy/ft.lbs.</b>	<b>1281</b>	<b>1360</b>	<b>1441</b>	<b>1525</b>	<b>1611</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-15	34.9	3600	1525

Sierra does not recommend MatchKing bullets for hunting applications.



Donald Ballasch nailed these two fat 'chucks with 52 grain MatchKings launched from the wildcat 22 Cheetah MK I. Don used Viht N140 powder, and lists the muzzle velocity as "FAST!"

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## 22-250 Remington continued

**#1345 .224" 55 gr. Blitz**  
C.O.A.L 2.350"



**#1350 .224" 55 gr. SMP**  
C.O.A.L 2.320"



**#1355 .224" 55 gr. FMJBT**  
C.O.A.L 2.350"



**#1360 .224" 55 gr. SPT**  
C.O.A.L 2.350"



**#1365 .224" 55 gr. SBT**  
C.O.A.L 2.350"



**#1390 .224" 55 gr. HPBT**  
C.O.A.L 2.320"



**#1455 .224" 55 gr. BlitzKing**  
C.O.A.L 2.350"



Powder↓/Velocity→	3300	3400	3500	3600	3700
RE-7	27.0	28.1	29.2	<b>30.3</b>	
IMR-3031	30.8	31.6	32.5	33.3	<b>34.1</b>
AA-2230	29.0	30.4	31.8	33.2	<b>34.6</b>
748	33.2	34.1	35.0	35.9	<b>36.8</b>
BL-C(2)	34.2	<b>35.3</b>			
AA-2460	31.7	32.8		<b>33.9</b>	
IMR-4895	32.0	33.0	33.9	<b>34.9</b>	
Viht N135	30.6	31.6	32.7	33.7	<b>34.7</b>
Varget	32.1	33.1	34.1	35.1	<b>36.1</b>
IMR-4064	32.6	33.4	34.2	34.9	<b>35.7</b>
AA-2520	31.2	32.2	33.2	34.2	<b>35.2</b>
IMR-4320	33.8	34.6	35.4	<b>36.2</b>	
Viht N140	32.9	33.8	34.8	35.7	<b>36.6</b>
Viht N540	33.7	34.3	34.9	35.5	<b>36.1</b>
BigGame	35.2	36.5	<b>37.8</b>		
RE-15	32.0	33.1	34.2	<b>35.3</b>	
H380	35.6	36.8	<b>38.0</b>		
760		37.8	38.8	<b>39.7</b>	
Viht N550	34.0	35.0	36.0	37.0	<b>38.0</b>
H-4350	37.0	38.0	<b>39.0</b>		
<b>Energy/ft.lbs.</b>	<b>1330</b>	<b>1412</b>	<b>1496</b>	<b>1582</b>	<b>1672</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	<b>H380</b>	<b>38.0</b>	3500	1496
Hunting Load	<b>RE-15</b>	<b>35.3</b>	3600	1582

**INDICATES MAXIMUM LOAD – USE CAUTION**  
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# 22-250 Remington continued

**#1375 .224" 60 gr. HP**  
**C.O.A.L. 2.350"**



Powder↓/Velocity→	3100	3200	3300	3400	3500	3600
RE-7	25.8	27.0	28.1	29.3		
IMR-3031	29.1	30.1	31.1	32.0	33.0	34.0
748		32.5	33.4	34.4	35.3	36.3
BL-C(2)	32.4	33.7	35.0			
AA-2460		30.7	31.8	32.9	34.0	
IMR-4895	30.7	31.6	32.5	33.4	34.3	
Varget	30.6	31.7	32.8			
IMR-4064	30.6	31.6	32.6	33.6	34.6	35.6
IMR-4320	31.8	32.9	33.9	35.0	36.0	
Viht N140	30.5	32.0	33.5	35.0		
Viht N540	30.9	32.0	33.1	34.2		
BigGame	33.5	34.5	35.5	36.5	37.5	
RE-15	30.5	31.6	32.7	33.8		
H380	33.7	35.0	36.3	37.6		
760	35.3	36.4	37.5	38.5	39.6	
H414	33.9	35.2	36.5	37.7	39.0	40.3
Viht N150	31.6	32.8	34.0			
Viht N550	33.8	34.6	35.4	36.2	37.0	
<b>Energy/ft.lbs.</b>	<b>1280</b>	<b>1364</b>	<b>1451</b>	<b>1540</b>	<b>1632</b>	<b>1726</b>

	<b>Powder</b>	<b>Grains</b>	<b>Velocity</b>	<b>Ft. lbs.</b>
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Accuracy Load	<b>Varget</b>	<b>32.8</b>	3300	1451
Hunting Load	<b>RE-15</b>	<b>33.8</b>	3400	1540



*Norman Johnson of Wisconsin is shown with a 45 lb. coyote taken from his 22-250 Remington and a Sierra 55 grain SPT. Norm was shooting his Weatherby Mark V.*

**INDICATES MAXIMUM LOAD – USE CAUTION**  
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# 22-250 Remington continued

**#1370 .224" 63 gr. SMP**  
C.O.A.L. 2.350"



Powder↓/Velocity→	3000	3100	3200	3300	3400	3500
RE-7	25.3	26.5	27.6			
IMR-3031	28.0	29.1	30.2	31.3	32.4	33.5
AA-2460	26.5	28.5	30.4	32.3		
IMR-4895	29.7	30.7	31.7	32.7	33.7	
Varget	29.3	30.5	31.7	32.9	34.1	
IMR-4064	29.6	30.7	31.7	32.8	33.8	34.9
AA-2520	26.2	28.3	30.4	32.5		
IMR-4320	30.9	31.9	33.0	34.0	35.0	
Viht N140	29.4	30.7	32.0	33.3		
Viht N540	30.1	31.2	32.3	33.4	34.5	
BigGame			34.5	35.3		
RE-15	30.1	31.2	32.3	33.4		
H380	32.5	33.9	35.2	36.6		
760		35.5	36.3	37.1	37.9	
Viht N150	29.9	31.2	32.5	33.8	35.1	
Viht N550	32.7	33.6	34.5	35.4	36.3	
IMR-4350	34.2	35.2	36.2	37.1	38.1	
Viht N560	36.1	37.3	38.5	39.7		
<b>Energy/ft.lbs.</b>	<b>1259</b>	<b>1344</b>	<b>1432</b>	<b>1523</b>	<b>1617</b>	<b>1713</b>

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-15	32.3	3200	1432
Hunting Load	Varget	32.9	3300	1523



*David Edwards of Mount Vernon, OH, is shown with this recently deceased representative of the 765 groundhogs killed during the past two summers. Most were taken with BlitzKings. This one was shot at 225 yards.*

**INDICATES MAXIMUM LOAD – USE CAUTION**  
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## 22-250 Remington continued

### #1380 .224" 69 gr. HPBT MatchKing

C.O.A.L. 2.350"

\*requires 1 x 9"-10" twist barrel



Powder ↓/Velocity →	3000	3050	3100	3150	3200	3250
AA-2015	28.5	29.0	29.6	30.1		
Varget	30.7	31.2	31.7	32.2	32.7	
IMR-4064	29.9	30.5	31.1	31.7	32.3	32.9
AA-2520		31.2	31.7	32.1	32.5	
Viht N540	31.0	31.5	32.0	32.5	33.0	33.5
BigGame	32.5	33.1	33.7	34.3	34.9	35.5
RE-15	30.6	31.2	31.8	32.4		
760		34.7	35.7			
H414		34.7	35.2	35.8	36.3	36.8
Viht N550	32.8	33.3	33.8	34.3	34.8	35.3
IMR-4350	34.8	35.3	35.7	36.2		
Viht N560	37.2	37.7	38.2	38.7		
H450	37.2	37.8	38.5	39.1	39.7	
<b>Energy/ft.lbs.</b>	<b>1379</b>	<b>1425</b>	<b>1472</b>	<b>1520</b>	<b>1569</b>	<b>1618</b>

Accuracy Load      **Powder**      **Grains**      **Velocity**      **Ft. lbs.**  
 IMR-4350      36.2      3150      1520

Sierra does not recommend MatchKing bullets for hunting applications.

### #9390 .224" 80 gr. HPBT MatchKing

C.O.A.L. 2.600"

\*requires 1 x 7"-8" twist barrel



Powder ↓/Velocity →	2700	2750	2800	2850	2900	2950	3000	3050
H414	31.5	32.2	32.9	33.6	34.2	34.9	35.6	
AA-4350	32.6	33.2	33.7	34.3	34.9	35.4	36.0	
IMR-4350	32.1	32.7	33.3	33.8	34.4	35.0	35.6	
H4350	33.0	33.5	34.0	34.5	35.0	35.5	36.0	36.5
RE-19	33.1	33.7	34.4	35.0	35.6	36.2	36.9	37.5
Viht N160	30.9	31.5	32.1	32.7	33.3	33.9	34.5	
IMR-4831	33.6	34.0	34.4	34.9	35.3	35.7	36.1	36.6
AA-3100	34.7	35.4	36.0	36.6	37.2	37.8		
H4831 SC	34.1	34.7	35.3	35.9	36.5	37.1	37.7	
RE-22	34.4	35.1	35.7	36.4	37.0	37.7	38.4	
<b>Energy/ft.lbs.</b>	<b>1295</b>	<b>1343</b>	<b>1393</b>	<b>1443</b>	<b>1494</b>	<b>1546</b>	<b>1599</b>	<b>1653</b>

Accuracy Load      **Powder**      **Grains**      **Velocity**      **Ft. lbs.**  
 IMR-4831      36.6      3050      1653

Sierra does not recommend MatchKing bullets for hunting applications.

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