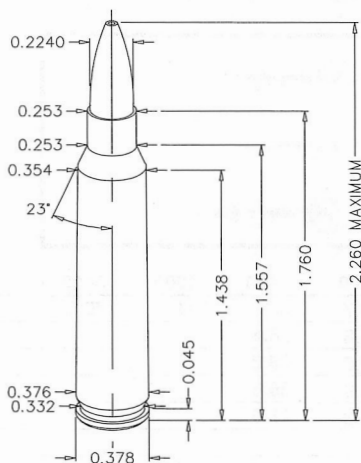


223 Remington (AR-15)



Test Specifications/ Components

Firearm Used: Colt AR-15A2 HBAR

Barrel Length: 20"

Twist: 1 x 7"

Case: Federal

Trim-to Length: 1.750"

Primer: Rem 7 1/2

Remarks:

Inadequate for military purposes, not as accurate as the 222 Remington, and less powerful than the 222 Magnum. These were just some of the greetings given to Remington's 223, when it was unveiled as the 5.56mm in the AR-15/M16 rifle. In spite of its early critics, the 223 Remington has become

one of the most popular sporting cartridges, and has proven itself in several military conflicts worldwide. Perhaps its greatest compliment as a service round came when the former Soviet Union replaced its 7.62x39mm cartridge with a 22 caliber service round that closely duplicated the 223's performance.

While adoption by the military virtually assures a cartridge's popularity, the 223 is perfectly capable of standing on its own merits. It is an outstanding varmint cartridge out to 250-275 yards, especially when loaded with 50 or 55 grain Blitz bullets. Despite critics' comments, any difference in either accuracy, effective range, or power compared to the 222 Remington or 222 Remington Magnum is insignificant. In fact, Sierra now uses the 223 for accuracy testing in several of our 22 caliber MatchKings. It is an extremely easy cartridge to load for, responding well to a wide variety of components. Hodgdon's H335, Winchester 748 and Reloader 7 are all top choices, generally giving good velocity and excellent accuracy. Surplus military cases add to the popularity of any cartridge, and the 223 has been no exception. If military cases are used, the primer pocket will need to be swaged or reamed to remove the crimp and allow seating of a new primer. Dillon Reloading has a swaging tool specifically for this chore, and it is by far the most satisfactory unit we have used.

In recent years, the 223 Remington has gained acceptance as a target round, being used mostly in the "service rifle" category of the National Match Course. In 1992, Sierra announced an 80 grain MatchKing specifically for the 600-yard stage of this type of competition. As this is a slow-fire stage, the 80 grain HPBT should be seated to approximately 2.550" OAL, and must be single-loaded. This bullet requires the use of a 1x7" or 1x8" twist for proper stability.

223 Remington (AR-15) continued

#1200 .224" 40 gr. Hornet

C.O.A.L. 2.125"



#1385 .224" 40 gr. HP

C.O.A.L. 2.175"



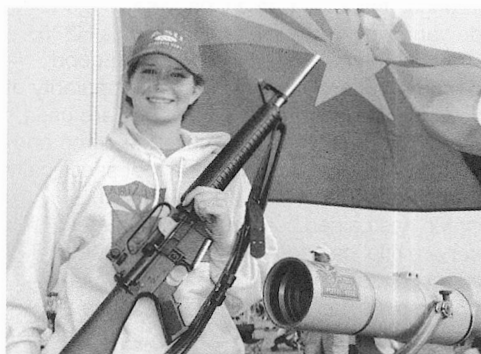
#1440 .224" 40 gr. BlitzKing

C.O.A.L. 2.250"



Powder/Velocity→	3100	3200	3300	3400	3500	3600
Viht N130		23.2	23.7	24.2	24.7	25.2
Viht N133	24.6	25.2	25.8	26.4		
IMR-4198		22.0	22.6	23.2		
XMR-2015	24.5	25.2	25.9	26.6		
Benchmark	24.9	25.6	26.3	27.0		
H322	24.4	25.3				
X-Terminator		25.0	25.7	26.4	27.1	
AA-2230		25.5	26.5	27.5		
748	27.4	28.0				
H335	26.0	26.6	27.2	27.8	28.4	
TAC		25.9	26.9	27.9		
Energy/ft.lbs.	853	909	967	1027	1088	1151

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H322	25.3	3200	909
Hunting Load	IMR-4198	23.2	3400	1027



Linda Bombardier, one of Arizona's finest, is shown here at Camp Perry with her match rifle.

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (AR-15) continued

#1210 .224" 45 gr. Hornet

C.O.A.L. 2.125"



#1310 .224" 45 gr. SPT

C.O.A.L. 2.240"



Powder/Velocity →	3000	3100	3200	3300	3400	3450
Viht N130		22.8	23.4	24.0	24.6	24.9
Viht N133	23.9	24.5	25.1	25.7		
IMR-4198	20.7	21.4	22.1	22.8		
XMR-2015	24.2	24.8	25.4			
RE-7	21.6	22.2	22.8			
IMR-3031	24.7	25.2				
Benchmark	24.7	25.3	25.9	26.5		
H322	24.5	25.1	25.7			
X-Terminator	24.0	24.7	25.4	26.1		
AA-2230	25.2	25.9	26.6	27.3		
748	27.2	27.9				
BL-C(2)	28.1	28.8	29.5			
H335	25.6	26.3	27.0	27.7		
TAC	25.5	26.2	26.9	27.6	28.3	
Viht N135	24.5	25.3	26.1	26.9		
Energy/ft.lbs.	899	960	1023	1088	1155	1189

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	X-Terminator	26.1	3300	1088
Hunting Load	Viht N130	24.6	3400	1155

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

223 Remington (AR-15) continued

#1320 .224" 50 gr. SMP

C.O.A.L. 2.230"

**#1330 .224" 50 gr. SPT**

C.O.A.L. 2.250"

**#1340 .224" 50 gr. Blitz**

C.O.A.L. 2.250"

**#1450 .224" 50 gr. BlitzKing**

C.O.A.L. 2.250"



Powder+Velocity→	2800	2900	3000	3100	3200	3250	3300
Viht N130	22.1	22.6	23.1	23.6	24.1	24.3	24.6
Viht N133		23.5	24.2	24.9	25.6	25.9	
IMR-4198	20.1	20.7	21.3	21.9	22.5		
XMR-2015	23.3	23.9	24.5	25.1	25.7		
RE-7	20.2	20.9	21.6	22.3	23.0		
IMR-3031	23.7	24.2	24.7	25.2			
Benchmark	23.3	24.1	24.9	25.7	26.5		
H322	23.1	23.8	24.5	25.2			
X-Terminator		23.5	24.3	25.1	25.9		
AA-2230		24.9	25.6	26.3	27.0		
748		26.6	27.2	27.8			
BL-C(2)	26.5	27.2					
H335	24.3	25.0	25.7	26.4			
TAC		24.3	25.1	25.9	26.7	27.1	27.5
IMR-4895	24.8	25.6	26.4				
Viht N135	23.9	24.5	25.1	25.7			
IMR-4320	26.1	26.9					
Energy/ft.lbs.	870	933	999	1067	1137	1172	1209

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N135	25.7	3100	1067
Hunting Load	X-Terminator	25.9	3200	1137

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (AR-15) continued

#1410 .224" 52 gr. HPBT MatchKing

C.O.A.L. 2.250"


#1400 .224" 53 gr. HP MatchKing

C.O.A.L. 2.250"



Powder/Velocity→	2700	2800	2900	3000	3050	3100	3150	3200
Viht N130		21.1	21.9	22.7				
Viht N133	22.3	22.9	23.5	24.1				
IMR-4198	19.6	20.3	21.0					
XMR-2015	22.4	23.1	23.8	24.5	24.9	25.2		
RE-7	19.6	20.4	21.2	22.0	22.4			
IMR-3031	22.7	23.5	24.3	25.1				
Benchmark		23.6	24.3	25.0	25.4	25.7		
H322		23.1	23.8	24.5	24.9	25.2		
X-Terminator		22.7	23.5	24.3	24.7	25.1		
AA-2230		23.6	24.4	25.2	25.6	26.0		
748		24.8	25.7	26.6	27.1	27.5		
BL-C(2)	25.8	26.6						
H335		24.3	25.0	25.7	26.1	26.4	26.7	
TAC		23.5	24.3	25.1	25.5	25.9	26.3	26.7
IMR-4895	24.4	25.1	25.8	26.5				
Viht N135	23.6	24.1	24.6	25.1	25.4	25.6		
Varget	25.1	25.9	26.7	27.5				
IMR-4064	24.6	25.2	25.8					
IMR-4320	25.4	26.2	27.0					
Energy/ft.lbs.	858	922	989	1059	1095	1131	1168	1205

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N133	23.5	2900	989

Sierra does not recommend MatchKing bullets for hunting applications.

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

223 Remington (AR-15) continued

#1345 .224" 55 gr. Blitz

C.O.A.L. 2.250"



#1350 .224" 55 gr. SMP

C.O.A.L. 2.230"



#1355 .224" 55 gr. FMJBT

C.O.A.L. 2.250"



#1360 .224" 55 gr. SPT

C.O.A.L. 2.250"



#1365 .224" 55 gr. SBT

C.O.A.L. 2.250"



#1390 .224" 55 gr. HPBT

C.O.A.L. 2.240"



#1455 .224" 55 gr. BlitzKing

C.O.A.L. 2.250"



Powder+Velocity→	2700	2800	2900	3000	3050	3100
Viht N130		21.4	22.0	22.6	22.9	
Viht N133	22.6	23.1	23.6	24.1		
IMR-4198	19.7	20.3	20.9	21.5	21.8	
XMR-2015	22.4	23.1	23.8	24.5	24.9	25.2
RE-7	20.1	20.8	21.5			
IMR-3031	23.1	23.6	24.1	24.6		
Benchmark		23.6	24.4	25.2		
H322	22.5	23.1	23.7	24.3		
X-Terminator		22.7	23.5	24.3	24.7	25.1
AA-2230	23.3	24.0	24.7	25.4	25.8	26.1
748	25.1	25.8	26.5			
H335	23.6	24.3	25.0	25.7		
TAC			24.7	25.5	25.9	26.3
IMR-4895	24.2	24.9	25.6			
Viht N135	23.2	23.8	24.4	25.0	25.3	25.6
Varget	25.1	25.8	26.5	27.2		
IMR-4064	24.8	25.3	25.8			
IMR-4320	25.5	26.1	26.7			
Energy/ft.lbs.	890	957	1027	1099	1136	1173

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-7	21.5	2900	1027
Hunting Load	H335	25.7	3000	1099

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (AR-15) continued

#1375 .224" 60 gr. HP
C.O.A.L. 2.250"



Powder/Velocity→	2600	2700	2800	2900	2950	3000
Viht N130		20.6	21.3	22.0	22.3	
Viht N133		22.2	23.0			
IMR-4198		19.4	20.1	20.8	21.1	
XMR-2015	22.0	22.7	23.4	24.1	24.5	24.8
RE-7	19.3	20.0	20.7	21.4		
IMR-3031	22.5	23.1				
Benchmark			23.4	24.2	24.6	25.0
H322	21.7	22.4	23.1	23.8		
X-Terminator	22.2	22.8	23.4	24.0	24.3	24.6
AA-2230		22.9	23.8	24.7	25.1	
748	24.3	25.0	25.7	26.4		
H335	23.5	24.1	24.7	25.3	25.6	
TAC		23.4	24.2	25.0	25.4	25.8
IMR-4895	23.7	24.4	25.1			
Viht N135		23.1	23.9	24.7		
Varget	24.3	25.0	25.7	26.4	26.7	27.1
IMR-4064	23.9	24.6				
IMR-4320	24.8	25.5	26.2			
Energy/ft.lbs.	900	971	1044	1120	1159	1199
	Powder	Grains	Velocity	Ft. lbs.		
Accuracy Load	Viht N135	24.7	2900	1120		
Hunting Load	Viht N130	22.3	2950	1159		

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

223 Remington (AR-15) continued

#1370 .224" 63 gr. SMP
C.O.A.L. 2.250"



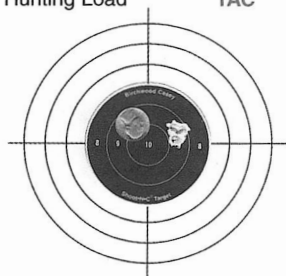
#1395 .224" 65 gr. SBT
C.O.A.L. 2.260"



*requires 1 x 10" twist or faster

Powder/Velocity→	2600	2700	2800	2850	2900	2950
Viht N130	19.3	20.4	21.5	22.0		
Viht N133	21.4	22.2	23.0			
XMR-2015	22.0	22.8	23.6	24.0	24.4	
RE-7	19.3	20.2	21.1	21.5		
Benchmark	22.8	23.4	24.0	24.3	24.6	
H322	21.9	22.6	23.3			
X-Terminator	21.3	22.3	23.3	23.8	24.3	
AA-2230		23.5	24.2	24.5	24.9	
748	24.3	25.1	25.9			
H335	22.8	23.6	24.4	24.8	25.2	25.6
TAC		23.0	24.0	24.5	25.0	25.5
IMR-4895	23.5	24.3				
Viht N135	22.1	23.0	23.9	24.3		
IMR-4064	23.9	24.7				
IMR-4320	24.9	25.7				
Energy/ft.lbs.	945	1020	1097	1136	1176	1217

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H335	25.2	2900	1176
Hunting Load	TAC	25.5	2950	1217



DATE	6-18-01	TEMP	84°	TIME	1405	RANGE	100
RELOAD MODEL	Remington M700 LTR	ROUNDS/FIRE	3	CALIBER	223		
BULLET Make	Remington	Weight	63	Type	SPST	CASE Make	Remington
Powder	AA-2230	Grains	23.5	PRIMER	C&F	GROUP SIZE	
VELOCITY High	2950	Low		Average			

NOTES: Wind etc.

INDICATES MAXIMUM LOAD - USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (AR-15) continued

#1380 .224" 69 gr. HPBT MatchKing
C.O.A.L. 2.260"



Powder/Velocity→	2500	2600	2700	2750	2800	2850	2900
Viht N133	21.1	21.8	22.5				
IMR-4198	18.8	19.4	20.0	20.3			
X-Terminator		21.9	22.6	22.9	23.3		
AA-2230	21.9	22.7	23.5				
748	23.7	24.4	25.1	25.5	25.8		
AA-2460		22.9	23.7	24.1	24.5		
H335	21.2	22.5	23.8				
TAC	22.1	22.8	23.5	23.8	24.2		
IMR-4895	22.9	23.7	24.5				
Viht N135	21.7	22.5					
Varget	23.3	24.1	24.9	25.3	25.7	26.1	
IMR-4064	23.3	24.1					
AA-2520		23.1	23.8	24.3	24.7	25.1	25.5
IMR-4320	24.0	24.7	25.4				
Viht N140	23.1	23.9	24.7	25.1			
RE-15	23.3	24.1	24.9	25.3	25.7		
Energy/ft.lbs.	957	1035	1117	1158	1201	1244	1288

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Varget	25.3	2750	1158

Sierra does not recommend MatchKing bullets for hunting applications.



Christine Crandall of Idaho Falls, ID, shown shortly after she became the first woman to win the Idaho State High Power Rifle Championship. Christine competes with a Colt AR-15 (highly modified) with 77 and 80 grain HPBT MatchKings.

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

223 Remington (AR-15) continued

#9377 .224" 77 gr. HPBT MatchKing
C.O.A.L. 2.260"



Powder/Velocity→	2400	2500	2550	2600	2650	2700	2750
H322	20.6	21.4	21.8				
AA-2230	20.9	21.9	22.4	22.9	23.4		
748	22.7	23.4					
H335	21.6	22.3	22.6				
TAC		21.8	22.2	22.7	23.1	23.6	24.0
H4895	22.2	22.9	23.2	23.6			
XMR-2495	22.1	23.1	23.6	24.1			
Varget	22.6	23.5	23.9				
AA-2520	21.5	22.4	22.8	23.3	23.8	24.2	
Viht N140	22.3	23.2	23.6	24.1	24.5		
Viht N540	22.9	23.7	24.1	24.5	24.9		
RE-15	22.3	23.2	23.6	24.1			
Energy/ft.lbs.	985	1068	1112	1156	1200	1246	1293

Accuracy Load Powder Grains Velocity Ft. lbs.
 Viht N140 24.1 2600 1156
Sierra does not recommend MatchKing bullets for hunting applications.

#9390 .224" 80 gr. HPBT MatchKing
C.O.A.L. 2.550"



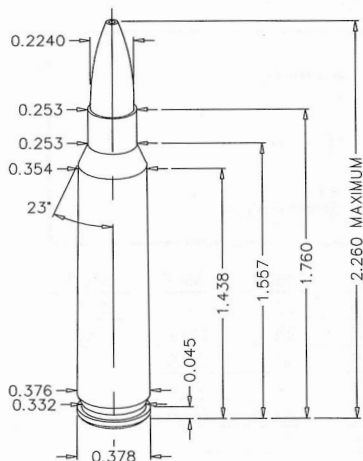
Powder/Velocity→	2300	2400	2500	2550	2600	2650	2700
XMR-2015	19.6	20.7					
748	21.3	22.4	23.5				
AA-2460	20.0	21.1	22.2	22.7			
H335	20.5	21.5	22.5				
TAC		21.4	22.2	22.6	23.0		
H4895	20.7	21.6	22.5	22.9			
XMR-2495	20.8	21.8	22.8				
Varget	21.3	22.2	23.1	23.6	24.0		
IMR-4064	21.4	22.2	23.0	23.4	23.8		
AA-2520	21.2	21.9	22.6	22.9	23.3	23.6	24.0
Viht N140	21.0	22.0	23.0	23.5			
Viht N540	21.8	22.6	23.4	23.8	24.2		
RE-15	20.8	21.8	22.8	23.3	23.8		
Energy/ft.lbs.	939	1023	1110	1155	1201	1247	1295

Accuracy Load Powder Grains Velocity Ft. lbs.
 Viht N140 23.5 2550 1155
Sierra does not recommend MatchKing bullets for hunting applications.

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (Bolt Action)



Test Specifications/ Components

Firearm Used: Remington 600

Barrel Length: 24"

Twist: 1 x 14"

Case: Federal

Trim-to Length: 1.750"

Primer: Rem 7 1/2

Remarks:

Originally designed for use in the military's AR-15/M16 Service Rifle, the 223 Remington has become one of our most popular civilian cartridges. And for good reason. It is accurate, flat-shooting and has a dizzying array of suitable bullets available for the cartridge's every task. Brass is readily

available at bargain prices—always a strong incentive for the handloader. All things considered, it makes an outstanding varmint round. With all this going for it, it comes as no surprise that virtually all major manufacturers offer their respective bolt-action designs in the 223 Remington.

The bolt-action design affords the handloader a bit more latitude in powder selection than a gas-operated system. Despite this, most of the powders used in the semi-autos are also some of the best choices for use in a bolt rifle. Hodgdon's H322, H335 and Varget are all excellent choices, as are Winchester's 748 and Alliant's Reloder 7 and 15. Since they generally use barrels that are somewhat longer than those commonly found on semi-autos, the bolt-actions tend to offer improved velocities. This effectively increases the useful range of the cartridge without resorting to higher pressures. In the varmint fields, a 250-300 yard shot is not unusual for the 223, and we've had reports of hits at twice that range. Freed of the constraints imposed by port pressure limitations, reduced loads for plinking and short-range practice are entirely viable. With some of the heavier bullets, such as the Sierra 63 grain Semi-Point, the cartridge has proven effective on small deer. In short, it is a tremendously versatile cartridge.

Unlike most of the currently available semi-autos, factory bolt-actions generally come equipped with 1x12" twist barrels. As such, they can handle Sierra's line of bullets from 40 to 60 or 63 grains, but not the heavier MatchKing designs. This isn't a problem in custom-built rifles, if the shooter chooses a twist rate appropriate for the bullets used. With this cartridge, we recommend a 1x10" as minimum for the 69 grain MatchKing, and a 1x8" for 77 or 80 grain MatchKings.

223 Remington (Bolt Action) continued

#1200 .224" 40 gr. Hornet
C.O.A.L. 2.125"



#1385 .224" 40 gr. HP
C.O.A.L. 2.175"



#1440 .224" 40 gr. BlitzKing
C.O.A.L. 2.175"



Powder/Velocity→	3200	3300	3400	3500	3600	3700
Viht N130			23.0	23.7	24.4	25.1
Viht N133			24.5	25.1	25.7	26.3
IMR-4198	21.5	22.0	22.5	23.0	23.5	
AA-2015	23.0	23.6	24.2	24.8	25.4	
RE-7	21.2	21.8	22.4	23.0	23.6	24.2
H322	24.1	24.8	25.5			
AA-2230		24.8	25.6	26.4	27.2	
748	26.5	27.0	27.5			
BLC-(2)	28.2	28.8	29.4			
H335	25.6	26.3	27.0	27.7	28.4	29.1
Viht N135	24.4	25.0	25.6	26.2	26.8	
Varget	26.2	26.7	27.2			
Energy/ft.lbs.	910	968	1027	1088	1151	1216

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-4198	23.0	3500	1088
Hunting Load	H335	29.1	3700	1216

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

223 Remington (Bolt Action) continued

#1210 .224" 45 gr. Hornet

C.O.A.L. 2.125"



#1310 .224" 45 gr. SPT

C.O.A.L. 2.240"



Powder↓/Velocity→	3100	3200	3300	3400	3500	3600
Viht N130		22.2	22.9	23.6	24.3	25.0
Viht N133		23.7	24.3	24.9	25.5	26.1
IMR-4198		21.2	21.7	22.2	22.7	23.2
AA-2015	22.6	23.3	24.0	24.7	25.4	
RE-7		21.4	22.1	22.8	23.5	24.2
H322	22.6	23.5	24.4	25.3		
AA-2230			25.1	25.9	26.7	
748	25.6	26.2	26.8	27.4		
BLC-(2)	27.4	28.2	29.0			
H335	24.8	25.5	26.2	26.9	27.6	28.3
H4895	24.8	25.4	26.0	26.6	27.2	
Viht N135	23.6	24.3	25.0	25.7	26.4	27.1
Varget	25.7	26.3	26.9			
Energy/ft.lbs.	961	1024	1088	1155	1224	1295

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H335	27.6	3500	1224
Hunting Load	Viht N135	27.1	3600	1295

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

223 Remington (Bolt Action) continued

#1320 .224" 50 gr. SMP
C.O.A.L. 2.230"



#1330 .224" 50 gr. SPT
C.O.A.L. 2.250"



#1340 .224" 50 gr. Blitz
C.O.A.L. 2.250"



#1450 .224" 50 gr. BlitzKing
C.O.A.L. 2.250"



Powder+Velocity→	3000	3100	3200	3300	3400	3500
Viht N130		21.9	22.6	23.3	24.0	24.7
Viht N133		23.0	23.7	24.4	25.1	25.8
IMR-4198	20.1	20.8	21.5	22.2	22.9	
AA-2015	21.8	22.6	23.4	24.2	25.0	
RE-7		21.0	22.0	23.0	24.0	
H322	22.8	23.5	24.2	24.9		
AA-2230		24.5	25.2	25.9	26.6	
748	25.1	25.8	26.5	27.2		
BLC-(2)	27.1	27.8	28.5			
H335	24.5	25.2	25.9	26.6	27.3	28.0
H4895	24.4	25.0	25.6	26.2	26.8	
Viht N135	23.3	24.0	24.7	25.4	26.1	26.8
Varget	25.2	26.0	26.8			
Energy/ft.lbs.	1000	1067	1137	1209	1284	1360

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H335	27.3	3400	1284
Hunting Load	H335	28.0	3500	1360

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (Bolt Action) continued

#1410 .224" 52 gr. HPBT MatchKing

C.O.A.L. 2.250"



#1400 .224" 53 gr. HP MatchKing

C.O.A.L. 2.250"



Powder/Velocity→	2900	3000	3100	3200	3300	3400
Viht N130		20.9	21.8	22.7	23.6	24.5
Viht N133	21.9	22.6	23.3	24.0	24.7	25.4
IMR-4198	19.6	20.3	21.0	21.7	22.4	
AA-2015	21.8	22.5	23.2	23.9	24.6	
RE-7		20.6	21.6	22.6	23.6	
H322		22.5	23.4	24.3		
AA-2230		23.7	24.4	25.1	25.8	
748	25.0	25.5	26.0	26.5		
BLC-(2)	26.6	27.3	28.0	28.7		
H335	24.1	24.8	25.5	26.2	26.9	27.6
H4895	23.8	24.4	25.0	25.6	26.2	26.8
Varget	24.3	25.1	25.9	26.7		
IMR-4064	24.2	24.8	25.4	26.0		
Energy/ft.lbs.	990	1059	1131	1205	1282	1361

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	H335	26.9	3300	1282

Sierra does not recommend MatchKing bullets for hunting applications.

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

223 Remington (Bolt Action) continued

#1345 .224" 55 gr. Blitz

C.O.A.L. 2.250"

**#1350 .224" 55 gr. SMP**

C.O.A.L. 2.230"

**#1355 .224" 55 gr. FMJBT**

C.O.A.L. 2.250"

**#1360 .224" 55 gr. SPT**

C.O.A.L. 2.250"

**#1365 .224" 55 gr. SBT**

C.O.A.L. 2.250"

**#1390 .224" 55 gr. HPBT**

C.O.A.L. 2.240"

**#1455 .224" 55 gr. BlitzKing**

C.O.A.L. 2.250"



Powder/Velocity→	2800	2900	3000	3100	3200	3300
Viht N130	20.5	21.2	21.9	22.6	23.3	24.0
Viht N133	21.4	22.1	22.8	23.5	24.2	24.9
IMR-4198	19.2	19.9	20.6	21.3	22.0	
AA-2015	21.3	22.0	22.7	23.4	24.1	
RE-7		20.1	20.9	21.7	22.5	
H322	22.1	22.7	23.3	23.9		
AA-2230		23.5	24.2	24.9	25.6	
748	23.9	24.6	25.3	26.0		
BLC-(2)	26.0	26.7	27.4	28.1		
H335	23.0	23.9	24.8	25.7	26.6	27.5
H4895	23.1	23.7	24.3	24.9	25.5	26.1
Varget	23.7	24.5	25.3	26.1	26.9	
IMR-4064	23.6	24.2	24.8	25.4	26.0	
Energy/ft.lbs.	958	1027	1099	1174	1251	1330

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N133	24.2	3200	1251
Hunting Load	H4895	26.1	3300	1330

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (Bolt Action) continued

#1375 .224" 60 gr. HP
C.O.A.L. 2.250"



Powder↓/Velocity→	2700	2800	2900	3000	3100	3200
Viht N130	19.2	20.1	21.0	21.9	22.8	
Viht N133	20.8	21.6	22.4	23.2	24.0	
IMR-4198	19.0	19.7	20.4	21.1		
AA-2015	20.8	21.6	22.4	23.2		
RE-7	18.8	19.7	20.6	21.5		
H322	21.0	21.8	22.6	23.4		
AA-2230	22.1	22.8	23.5	24.2	24.9	
748	24.2	24.7	25.2	25.7		
BLC-(2)	25.5	26.3	27.1	27.9		
H335	23.1	23.9	24.7	25.5	26.3	27.1
H4895	23.0	23.6	24.2	24.8	25.4	26.0
Varget	23.5	24.3	25.1	25.9	26.7	
IMR-4064	23.6	24.2	24.8	25.4	26.0	
Energy/ft.lbs.	972	1045	1121	1199	1281	1365

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	AA-2015	23.2	3000	1199
Hunting Load	Varget	26.7	3100	1281

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

223 Remington (Bolt Action) continued

#1370 .224" 63 gr. SMP
C.O.A.L. 2.250"



Powder/Velocity→	2600	2700	2800	2900	3000	3100
Viht N130	18.6	19.5	20.4	21.3	22.2	
Viht N133	19.8	20.5	21.2	21.9	22.6	23.3
IMR-4198	18.5	19.0	19.5	20.0	20.5	
AA-2015	19.7	20.6	21.5	22.4	23.3	
RE-7		18.5	19.5	20.5	21.5	
H322	20.3	21.1	21.9	22.7	23.5	
AA-2230		22.0	22.9	23.8	24.7	
748		24.1	24.8	25.5		
BLC-(2)		25.2	26.0	26.8	27.6	
H335		23.2	24.0	24.8	25.6	26.4
H4895	21.8	22.5	23.2	23.9	24.6	25.3
Varget	22.8	23.5	24.2	24.9	25.6	26.3
IMR-4064	22.6	23.3	24.0	24.7	25.4	26.1
Energy/ft.lbs.	946	1020	1097	1177	1259	1345

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-7	20.5	2900	1177
Hunting Load	Viht N133	23.3	3100	1345

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.

223 Remington (Bolt Action) continued

#1380 .224" 69 gr. HPBT MatchKing
C.O.A.L. 2.260"
1 x 8" Twist Remington 600 - 24" barrel


Powder/Velocity →	2600	2700	2800	2900	3000	3100
Viht N130	18.7	19.6	20.5			
Viht N133	19.8	20.8	21.8	22.8		
IMR-4198	18.2	19.1	20.0			
AA-2015	20.0	20.8	21.6	22.4	23.2	
RE-7		19.0	20.1	21.2		
H322	20.0	20.9	21.8	22.7	23.6	
AA-2230		22.2	23.0	23.8	24.6	
748		24.0	24.7	25.4	26.1	
BLC-(2)		25.0	25.8	26.6	27.4	
H335		23.0	23.9	24.8	25.7	
H4895	21.5	22.3	23.1	23.9	24.7	25.5
Varget	19.9	21.2	22.5	23.8	25.1	26.4
IMR-4064	21.9	22.7	23.5	24.3	25.1	25.9
AA-2520	22.0	23.0	24.0	25.0	26.0	
Viht N140	21.4	22.4	23.4	24.4	25.4	26.4
Viht N540	22.5	23.3	24.1	24.9	25.7	26.5
Energy/ft.lbs.	1036	1117	1202	1289	1379	1473

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Viht N540	26.5	3100	1473

Sierra does not recommend MatchKing bullets for hunting applications.

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

223 Remington (Bolt Action) continued

#9390 .224" 80 gr. HPBT MatchKing
C.O.A.L. 2.550"
1 x 8" Twist Remington 600 - 24" barrel



Powder/Velocity →	2400	2500	2600	2700	2800	2900
AA-2015	18.8	19.8	20.8	21.8		
H322	18.6	19.6	20.6	21.6	22.6	23.6
AA-2230				22.7	23.6	24.5
748			22.8	23.8	24.8	25.8
BLC-(2)			23.4	24.7	26.0	27.3
AA-2460			22.0	23.0	24.0	25.0
H335				23.4	24.6	25.8
H4895			21.8	22.7	23.6	24.5
AA-2495			21.3	22.5	23.7	24.9
Varget		21.7	22.6	23.5	24.4	25.3
IMR-4064		21.6	22.4	23.2	24.0	24.8
AA-2520			22.8	23.7	24.6	25.5
Viht N540		22.3	23.1	23.9	24.7	25.5
Energy/ft.lbs.	1024	1111	1201	1295	1393	1494

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Varget	24.4	2800	1393

Sierra does not recommend MatchKing bullets for hunting applications.

INDICATES MAXIMUM LOAD – USE CAUTION

LOADS LESS THAN MINIMUM CHARGES SHOWN ARE NOT RECOMMENDED.