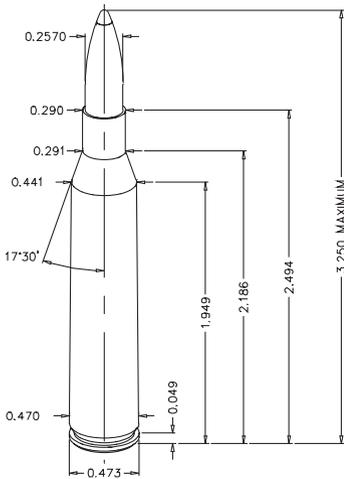


25-06 Remington



Test Specifications/ Components

Firearm Used: Savage 12VSS

Barrel Length: 26"

Twist: 1 x 10"

Case: Federal

Trim-to Length: 2.484"

Primer: Fed. 210M

Remarks:

Once known as the 25 Niedner, the 25/06 Remington is little more than the ubiquitous 30/06 necked down to accept a .257" diameter bullet. Gunsmith Adolph O. Niedner is generally credited with being the first to chamber rifles for this cartridge around 1920. By the time it was finally adopted

by Remington in 1969, the 25/06 had been a popular and somewhat specialized wildcat for nearly 50 years. When Niedner first began working with the round using the slowest powders available, the larger case showed little velocity gain over the more efficient 257 Roberts. This situation kept the 25/06 from becoming a major player until slower-burning surplus numbers, such as 4350 and 4831, became available. The 25/06 is still one of the most potent 25 caliber cartridges, giving velocities and energies second only to the 257 Weatherby Magnum.

The 25/06 is a devastating long-range varmint cartridge, fully capable of making 500-yard shots in an accurate rifle. It has also earned an excellent reputation on deer and antelope, and has been used successfully on game as large as moose and elk. With its flat-shooting, hard-hitting performance, the 25/06 is the quintessential western big game hunting cartridge. Naturally, when used on bigger species such as moose and elk, shot placement and proper bullet selection are critical.

While it was once necessary to neck down 30/06 cases to produce brass for the 25/06, this is no longer the case. Government surplus 30/06 cases are becoming scarce and yet factory 25/06 cases are readily available, so it simply isn't worth the trouble to neck down. If cases must be reformed from 30/06 brass, pay particular attention to case neck thickness. Normally, when neck diameter is reduced this far, inside neck reaming or outside neck turning will be required. The 25/06 is not a difficult cartridge to load for and thrives on such slow-burning powders as H4831, Reloader 22 and Accurate 3100.

25-06 Remington continued

#1600 .257" 75 gr. HP
C.O.A.L. 3.025"



Powder↓/Velocity→	3200	3300	3400	3500	3600	3700
IMR-4895	42.7	44.3	45.9	47.4	49.0	
Varget	45.0	46.4	47.8	49.2		
IMR-4064	43.6	45.0	46.4	47.7	49.1	50.5
IMR-4320	45.0	46.4	47.8	49.2	50.6	
Viht N140	41.5	43.4	45.4	47.3	49.2	
AA-2700	49.0	50.7	52.4			
H380		47.2	49.1	51.0		
760			49.6	51.8	53.9	56.1
Viht N150	43.4	45.1	46.9	48.6	50.3	
AA-4350	52.2	53.2	54.2	55.2	56.2	
IMR-4350	49.3	50.9	52.4	54.0	55.5	
H4350 EXT	52.2	53.4	54.6	55.8	57.0	
Viht N160	50.1	51.6	53.1	54.6	56.1	57.6
IMR-4831	53.2	54.5	55.8	57.0	58.3	
H4831 SC	52.9	54.3	55.6	57.0	58.3	59.7
Energy/ft.lbs.	1705	1814	1925	2040	2158	2280

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	Varget	47.8	3400	1925
Hunting Load	Viht N160	57.6	3700	2280



Keith Paxton of Tulsa, Oklahoma, shot this massive Kansas whitetail with a 25-06 and a 90 grain HPBT GameKing.

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

25-06 Remington continued

#1610 .257" 87 gr. SPT
C.O.A.L. 3.150"



#1615 .257" 90 gr. HPBT
C.O.A.L. 3.100"



Powder↓/Velocity→	3000	3100	3200	3300	3400	3500
IMR-4895	38.6	40.4	42.2	44.1	45.9	47.7
Varget	42.6	44.4	46.2	48.0		
IMR-4064	39.2	41.1	42.9	44.8	46.6	
IMR-4320	40.5	42.4	44.3	46.1	48.0	
AA-2700	45.7	47.5	49.3	51.1		
H380			44.9	47.1	49.4	
760			47.8	49.5	51.3	53.0
Viht N150	40.0	41.8	43.7	45.5	47.4	49.2
AA-4350	48.4	49.7	51.0	52.3	53.6	54.9
IMR-4350	45.5	47.1	48.8	50.4	52.1	53.7
H4350 EXT	49.2	50.7	52.2	53.7	55.2	
RE-19	51.0	52.5	54.0	55.5	57.0	
Viht N160	44.8	46.7	48.6	50.5	52.4	54.3
IMR-4831	47.7	49.5	51.3	53.1	54.9	
AA-3100	50.6	52.2	53.7	55.3	56.8	
H4831 SC	49.5	51.2	52.9	54.6	56.3	58.0
Energy/ft.lbs.	1799	1920	2046	2176	2310	2448

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	IMR-4831	53.1	3300	2176
Hunting Load	Viht N150	49.2	3500	2448



Norman Johnson of Wisconsin used the Sierra 87 grain SPT to take this red fox and coyote with his Ruger Varmint rifle in 25-06 Remington.

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

25-06 Remington continued

#1620 .257" 100 gr. SPT
C.O.A.L. 3.130"



#1625 .257" 100 gr. SBT
C.O.A.L. 3.130"



#1628 .257" 100 gr. HPBT MatchKing
C.O.A.L. 3.240"



Powder†/Velocity→	2900	3000	3100	3200	3300	3400
IMR-4064	38.8	40.7	42.6			
IMR-4320	40.0	42.0	43.9	45.8		
Viht N540	40.0	42.4	44.8	47.2		
H380		42.3	44.4	46.6		
AA-4350	46.7	48.2	49.7	51.2	52.7	
IMR-4350	44.0	45.8	47.6	49.4	51.2	53.0
H4350 EXT	45.0	46.8	48.6	50.4	52.2	54.0
RE-19	47.7	49.4	51.1	52.8	54.5	
Viht N160	41.2	43.9	46.6	49.3	52.0	
IMR-4831	47.2	48.8	50.5	52.1	53.8	
AA-3100	49.4	50.9	52.5	54.0		
H4831 SC	47.1	49.3	51.4	53.6	55.7	
Viht N165	41.5	45.4	49.3	53.2		
RE-22	47.8	49.4	51.0	52.6	54.2	55.8
IMR-7828	48.9	50.9	52.9	54.9		
Magnum				59.5	60.5	
Energy/ft.lbs.	1867	1998	2134	2274	2418	2567

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	52.6	3200	2274
Hunting Load	RE-22	55.8	3400	2567

Sierra does not recommend MatchKing bullets for hunting applications.



Brent Cherzan and his father are shown with an antelope taken with the 100 grain Spitzer Boattail at 250 yards near Casper, WY.

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

25-06 Remington continued

#1630 .257" 117 gr. SBT
C.O.A.L. 3.130"



#1640 .257" 117 gr. SPT
C.O.A.L. 3.130"



#1650 .257" 120 gr. HPBT
C.O.A.L. 3.130"



Powder†/Velocity→	2700	2800	2900	3000	3100
IMR-4320	37.6	39.7	41.8	43.9	
H380		40.1	42.6		
IMR-4350	39.9	42.1	44.3	46.5	48.7
H4350 EXT	41.3	43.1	44.9	46.7	
RE-19	42.2	44.3	46.4		
Viht N160	36.3	39.5	42.7	45.9	
IMR-4831	38.9	41.9	44.9	47.9	50.9
AA-3100	44.1	46.2	48.3	50.4	52.5
H4831 SC	43.6	45.7	47.8	49.9	52.0
Viht N165	42.4	44.4	46.4	48.4	50.4
RE-22	42.5	44.5	46.5	48.5	50.5
IMR-7828	43.4	46.1	48.8		
RE-25	44.8	47.0	49.2	51.4	
Energy/ft.lbs.	1942	2089	2241	2398	2561

	Powder	Grains	Velocity	Ft. lbs.
Accuracy Load	RE-22	50.5	3100	2561
Hunting Load	IMR-4831	50.9	3100	2561

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