

**Calibre: 7mmRemUltraMag**

**Primers:** Rem 9.5

**Test barrel:** Wiseman

**Case length** *Max* 2.850 "

**Barrel length:** 26 "

*Trim* 2.830 "

**Cases:** Remington

**OAL** *Min* 3.451 "

**V/C=velocity/grain[ft/p/sec per grain]**

*Max* 3.595 "

	Powder Type	Start Load	Start Velocity	V/C	Max load	Max Velocity	V/C	MAXIMUM PRESSURE		OAL inches	
								PSI	Bar		
<b>A) Reduced loads</b>											
<b>A1) Lead/Cast Bullets</b>											
145grain Penny Lead	<b>5744</b>	30.0	1971	65.7	<b>36.0</b>	2228	61.9	23.8	1641	3.500	
168grain Penny FPGC	<b>5744</b>	31.0	1952	63.0	<b>40.0</b>	2248	56.2	28.8	1986	3.260	
<b>A2) Standard Jacketed Bullets</b>											
139gr Hornady Soft Point	<b>5744</b>	31.0	2046	66.0	<b>42.0</b>	2562	61.0	35.4	2441	3.595	
150grain Nosler Ballistic Tip	<b>5744</b>	32.0	2026	63.3	<b>43.0</b>	2506	58.3	40.6	2800	3.595	
160grain Sierra SPBT	<b>5744</b>	33.0	2052	62.2	<b>45.0</b>	2529	56.2	42.5	2931	3.595	
<b>A3) Monolithic bullets</b>											
140grain Barnes "X"	<b>5744</b>	32.0	2051	64.1	<b>43.0</b>	2544	59.2	39.9	2752	3.595	
160grain Barnes "X"	<b>5744</b>	35.0	2024	57.8	<b>47.0</b>	2529	53.8	46.2	3186	3.595	
<b>B) Standard High Powered loads</b>											
<b>B1) Standard Bullets</b>											
120gr Hornady SPHP	<b>3100</b>	79.2	3251	41.0	<b>88.0</b>	3612	41.0	63.6	4386	3.595	
	<b>8700</b>	98.1	3287	33.5	<b>109.0</b>	3652	33.5	62.2	4290		
139gr Hornady Soft Point	<b>5744</b>	53.1	2921	55.0	<b>59.0</b>	3245	55.0	64.4	4441	3.595	
	<b>3100</b>	77.4	3105	40.1	<b>86.0</b>	3450	40.1	64.2	4428		
	<b>8700</b>	95.4	3152	33.0	<b>106.0</b>	3502	33.0	62.9	4338		
150grain Nosler Ballistic tip	<b>5744</b>	50.4	2734	54.3	<b>56.0</b>	3038	54.3	62.5	4310	3.595	
	<b>3100</b>	74.2	2997	40.4	<b>82.4</b>	3330	40.4	64.4	4441		
	<b>8700</b>	93.6	3060	32.7	<b>104.0</b>	3400	32.7	62.5	4310		
160grain Sierra SPBT	<b>5744</b>	50.4	2669	53.0	<b>56.0</b>	2966	53.0	62.5	4310	3.595	
	<b>3100</b>	73.4	2903	39.6	<b>81.5</b>	3226	39.6	64.2	4428		
	<b>8700</b>	91.8	2989	32.6	<b>102.0</b>	3321	32.6	63.0	4345		
175gr Hornady Soft point	<b>5744</b>	50.4	2569	51.0	<b>56.0</b>	2854	51.0	63.3	4366	3.595	
	<b>3100</b>	72.0	2762	38.4	<b>80.0</b>	3069	38.4	63.0	4345		
	<b>8700</b>	92.7	2911	31.4	<b>103.0</b>	3234	31.4	64.2	4428		

<b>B2) Structurally enhanced Bullets</b>											
140grain Swift	<b>5744</b>	52.2	2885	55.3	<b>58.0</b>	3205	55.3	62.4	4303	3.595	
A Frame	<b>3100</b>	74.3	3056	41.2	<b>82.5</b>	3396	41.2	63.7	4393		
	<b>8700</b>	92.7	3127	33.7	<b>103.0</b>	3474	33.7	64.0	4414		
150grain Swift	<b>5744</b>	50.4	2736	54.3	<b>56.0</b>	3040	54.3	61.7	4255	3.595	
Sirocco	<b>3100</b>	74.7	2986	40.0	<b>83.0</b>	3318	40.0	63.4	4372		
160grain Swift	<b>3100</b>	72.0	2882	40.0	<b>80.0</b>	3202	40.0	63.5	4379	3.595	
A Frame	<b>8700</b>	90.0	2926	32.5	<b>100.0</b>	3251	32.5	60.9	4200		
175grain Swift	<b>3100</b>	69.3	2739	39.5	<b>77.0</b>	3043	39.5	65.2	4497	3.595	
A Frame	<b>8700</b>	88.2	2819	32.0	<b>98.0</b>	3132	32.0	61.4	4234		
<b>B3) Monolithic Bullets</b>											
120grain Barnes	<b>3100</b>	78.8	3273	41.6	<b>87.5</b>	3637	41.6	64.7	4462	3.595	
"X"	<b>8700</b>	98.1	3312	33.8	<b>109.0</b>	3680	33.8	63.6	4386		
140grain Barnes	<b>5744</b>	51.3	2780	54.2	<b>57.0</b>	3089	54.2	62.8	4331	3.595	
"X"	<b>3100</b>	75.6	3072	40.6	<b>84.0</b>	3413	40.6	64.5	4448		
	<b>8700</b>	94.5	3138	33.2	<b>105.0</b>	3487	33.2	64.4	4441		
160grain Barnes	<b>3100</b>	68.4	2764	40.4	<b>76.0</b>	3071	40.4	63.1	4352	3.595	
"X"	<b>8700</b>	91.8	2934	32.0	<b>102.0</b>	3260	32.0	64.0	4414		

**Caliber** 7mm Remington Ultra Magnum      **Case length**      **Min:** 2.830 "  
**Barrel:** Wiseman 26"      **Max:** 2.850 "  
**Case:** Remington      **Cartridge length**      **Min:** 3.450 "  
**Primer:** Remington 9.5M      **Max:** 3.600 "

Bullet Make Type	Bullet Weight Grains	Powder Type	Start Load grains	Start Velocity Fps	Start Pressure kPsi	Maximum Load Grains	Maximum Velocity Fps	Maximum Pressure kPsi	AOL inches
Hornady SPBT	139	Magpro	86.9	3265	54.8	91.5	3462	64.0	3.595
Nosler Ballistic Tip	150	Magpro	84.7	3132	55.6	89.2	3324	64.6	3.595
Sierra HPBT	160	Magpro	82.7	3033	54.5	87.0	3217	63.9	3.595
Hornady SPFB	175	Magpro	81.2	2909	56.0	85.5	3080	64.3	3.595

**WARNING!! ALWAYS BEGIN LOADING AT THE RECOMMENDED MINIMUM OR "START" LOAD**