

(Suggestion for Reloder® 17 Flyer)

## **NEW TECHNOLOGY MAXIMIZES VELOCITY**

Alliant Powder introduces Reloder® 17, a smokeless powder that utilizes new technology to increase projectile velocity in most standard rifle calibers and the new short magnum cartridges.

### **INSERT LABEL GRAPHICS**

The table below reveals the velocity gain over the nearest competitor for many popular calibers (this information is taken from the latest revision of the Speer Reloading Manual).

<b>CALIBER</b>	<b>BULLET</b>	<b>VELOCITY</b>	<b>GAIN</b>
<b>243 Win</b>	<b>85 gr. HP</b>	<b>3316</b>	<b>+48</b>
<b>243 WSM</b>	<b>70 gr HP</b>	<b>3745</b>	<b>+198</b>
<b>243 WSM</b>	<b>80 gr SP</b>	<b>3512</b>	<b>+80</b>
<b>243 WSM</b>	<b>85 gr BTSP</b>	<b>3452</b>	<b>+178</b>
<b>6mm Rem</b>	<b>70 gr HP</b>	<b>3682</b>	<b>+89</b>
<b>6mm Rem</b>	<b>80 gr SP</b>	<b>3500</b>	<b>+112</b>
<b>6mm Rem</b>	<b>85 gr BTSP</b>	<b>3441</b>	<b>+156</b>
<b>270 WSM</b>	<b>100 gr HP</b>	<b>3668</b>	<b>+23</b>
<b>270 Win</b>	<b>100 gr HP</b>	<b>3554</b>	<b>+118</b>
<b>280 Rem</b>	<b>110 gr HP</b>	<b>3397</b>	<b>+111</b>
<b>280 Rem</b>	<b>130 gr BTSP</b>	<b>3167</b>	<b>+33</b>
<b>7 mm WSM</b>	<b>110 gr HP</b>	<b>3588</b>	<b>+163</b>
<b>7 mm WSM</b>	<b>130 gr BTSP</b>	<b>3356</b>	<b>+126</b>
<b>7 mm WSM</b>	<b>145 gr BTSP</b>	<b>3166</b>	<b>+87</b>
<b>30-06</b>	<b>150 gr BTSP</b>	<b>3006</b>	<b>+159</b>
<b>30-06</b>	<b>165 gr BTSP</b>	<b>2874</b>	<b>+71</b>
<b>300 WSM</b>	<b>150 gr BTSP</b>	<b>3343</b>	<b>+74</b>
<b>300 WSM</b>	<b>165 gr BTSP</b>	<b>3217</b>	<b>+50</b>
<b>300 WSM</b>	<b>180 gr BTSP</b>	<b>3082</b>	<b>+104</b>
<b>300 Win Mag</b>	<b>150 gr BTSP</b>	<b>3333</b>	<b>+32</b>
<b>325 WSM</b>	<b>150 gr Semi-SP</b>	<b>3348</b>	<b>+45</b>
<b>325 WSM</b>	<b>170 gr Semi-SP</b>	<b>3131</b>	<b>+57</b>
<b>325 WSM</b>	<b>200 gr SP</b>	<b>2897</b>	<b>+60</b>

Reloder® 17 was created with new technology to provide velocity greater than the competition in the most popular standard rifle calibers and the new short magnums. Following are recipes developed in our Ballistics Laboratory (all loads used Speer bullets and list the correct Overall Length- DO NOT SEAT THE BULLETS TO A LESS OVERALL LENGTH). These recipes are maximum loads and shall not be exceeded.

## LOAD DATA RECIPES FOR RELODER® 17

Caliber	Bullet	Case	Primer	COAL	Chg Wgt	Velocity
223 WSM	55 gr SP	Fed	Fed 210	2.210	46.6	3865
243 Win	80 gr SP	Fed	Fed 210	2.615	44.0	3362
243 Win	85 gr HP	Fed	Fed 210	2.625	43.7	3316
243 Win	100 gr BTSP	Fed	Fed 210	2.625	40.8	3044
243 WSM	70 gr HP	Fed	Fed 210	2.185	49.0C	3745
243 WSM	80 gr SP	Fed	Fed 210	2.255	44.5	3512
243 WSM	85 gr BTSP	Fed	Fed 210	2.255	45.5	3452
243 WSM	100 gr BTSP	Fed	Fed 210	2.290	41.0	3128
6mm Rem	70 gr HP	Fed	Fed 210	2.775	48.5C	3682
6mm Rem	80 gr SP	Fed	Fed 210	2.775	46.7	3500
6mm Rem	85 gr BTSP	Fed	Fed 210	2.775	46.0	3441
6mm Rem	100 gr BTSP	Fed	Fed 210	2.800	44.0	3163
25-06	87 gr SP	Fed	Fed 210	3.115	54.5	3547
25-06	120 gr BTSP	Fed	Fed 210	3.200	48.5	3046
6.5x55(mil)	90 gr HP	Fed	Fed 210	2.850	48.5	3223
6.5x55(mil)	120 gr SP	Fed	Fed 210	3.000	41.5	2741
260 Rem	120 gr SP	Fed	Fed 210	2.720	44.0	2912
260 Rem	140 gr SP	Fed	Fed 210	2.745	41.0	2645
270 WSM	100 gr HP	Fed	Fed 215	2.730	67.5	3668
270 WSM	130 gr BTSP	Fed	Fed 215	2.700	62.0	3258
270 WSM	150 gr BTSP	Fed	Fed 215	2.700	60.0	3041
270 Win	100 gr HP	Fed	Fed 210	3.100	59.0	3554
270 Win	130 gr BTSP	Fed	Fed 210	3.200	54.0	3136
270 Win	150 gr BTSP	Fed	Fed 210	3.200	51.5	2921
280 Rem	110 gr HP	Fed	Fed 210	3.200	59.5	3397
280 Rem	130 gr BTSP	Fed	Fed 210	3.205	56.0	3167
280 Rem	145 gr BTSP	Fed	Fed 210	3.180	53.0	2968
280 Rem	160 gr BTSP	Fed	Fed 210	3.200	51.5	2825
280 Rem	175 gr GS	Fed	Fed 210	3.265	50.5	2674
7 WSM	110 gr HP	Win	Fed 215	2.770	69.5	3588
7 WSM	130 gr BTSP	Win	Fed 215	2.775	66.5	3356
7 WSM	145 gr BTSP	Win	Fed 215	2.760	63.5	3166
7 WSM	160 gr BTSP	Win	Fed 215	2.820	60.0	2964
7 mm-08	110 gr HP	Fed	Fed 210	2.760	50.5C	3169
7 mm-08	115 gr HP	Fed	Fed 210	2.655	49.5C	3107

<b>7 mm-08</b>	<b>130 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.730</b>	<b>48.5C</b>	<b>3007</b>
<b>7 mm-08</b>	<b>145 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.730</b>	<b>46.0</b>	<b>2819</b>
<b>7 mm-08</b>	<b>160 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.800</b>	<b>44.0</b>	<b>2669</b>
<b>7 mm-08</b>	<b>175 gr GS</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.745</b>	<b>44.0</b>	<b>2574</b>
<b>7 mm RM</b>	<b>110 gr HP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.200</b>	<b>68.0</b>	<b>3535</b>
<b>7mm RM</b>	<b>130 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.200</b>	<b>63.5</b>	<b>3255</b>
<b>7 mm RM</b>	<b>145 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.210</b>	<b>61.8</b>	<b>3113</b>
<b>7mm RM</b>	<b>160 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.210</b>	<b>59.0</b>	<b>2931</b>
<b>7 mm RM</b>	<b>175 gr GS</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.215</b>	<b>67.0</b>	<b>2774</b>
<b>7mm RM</b>	<b>150 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.700</b>	<b>50.0C</b>	<b>2763</b>
<b>308 Win</b>	<b>165 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.800</b>	<b>50.0C</b>	<b>2739</b>
<b>308 Win</b>	<b>180 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>2.800</b>	<b>48.7C</b>	<b>2641</b>
<b>30-06</b>	<b>150 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>3.250</b>	<b>58.0</b>	<b>3006</b>
<b>30-06</b>	<b>165 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>3.250</b>	<b>56.5</b>	<b>2874</b>
<b>30-06</b>	<b>168 gr BTHP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>3.295</b>	<b>56.0</b>	<b>2850</b>
<b>30-06</b>	<b>180 gr BTSP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>3.250</b>	<b>54.5</b>	<b>2762</b>
<b>30-06</b>	<b>200 gr SP</b>	<b>Fed</b>	<b>Fed 210</b>	<b>3.250</b>	<b>51.0</b>	<b>2552</b>
<b>300 WSM</b>	<b>150 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>2.810</b>	<b>69.3</b>	<b>3343</b>
<b>300 WSM</b>	<b>165 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>2.810</b>	<b>68.0</b>	<b>3217</b>
<b>300 WSM</b>	<b>180 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>2.800</b>	<b>66.0</b>	<b>3082</b>
<b>300 WM</b>	<b>150 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.330</b>	<b>74.0</b>	<b>3333</b>
<b>300 WM</b>	<b>165 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.340</b>	<b>72.5</b>	<b>3202</b>
<b>300 WM</b>	<b>180 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.340</b>	<b>70.5</b>	<b>3074</b>
<b>325 WSM</b>	<b>150 gr S-SP</b>	<b>Win</b>	<b>Fed 215</b>	<b>2.850</b>	<b>71.5</b>	<b>3348</b>
<b>325 WSM</b>	<b>170 gr S-SP</b>	<b>Win</b>	<b>Fed 215</b>	<b>2.790</b>	<b>65.0</b>	<b>3131</b>
<b>325 WSM</b>	<b>200 gr SP</b>	<b>Win</b>	<b>Fed 215</b>	<b>2.840</b>	<b>65.0</b>	<b>2897</b>
<b>338 WM</b>	<b>200 gr SP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.300</b>	<b>71.0</b>	<b>3002</b>
<b>338 WM</b>	<b>225 gr BTSP</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.340</b>	<b>67.5</b>	<b>2831</b>
<b>338 WM</b>	<b>250 gr GS</b>	<b>Fed</b>	<b>Fed 215</b>	<b>3.300</b>	<b>66.0</b>	<b>2664</b>