LOAD DATA

TEST FIREARM: 24" SAAMI CHAMBER
UNIVERSAL RECEIVER TEST BARREL



FEDERAL PREMIUM

6.5 CREEDMOOR + PEAK™

6.5 CREEDMOOR +PEAK 130GR TERMINAL ASCENT LOAD DATA

						STARTING LOAD		MAX LOAD	
POWDER	BULLET BRAND	WEIGHT/TYPE	OAL (IN)	PRIMER	CASE	CHARGE WT (GR)	VELOCITY (FT/SEC)	CHARGE WT (GR)	VELOCITY (FT/SEC)
Hodgdon Superformance	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	46.8	2877	51.9*	3200
Alliant Reloder® 17	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	40.1	2790	44.6	3090
Alliant Reloder® 16	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	42.0	2831	46.4*	3083
Alliant Power Pro™ 2000-MR	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	41.5	2833	44.7	3080
Hodgdon H4350	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	40.6	2755	45.1	3036
Vihtavuori N550	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	39.0	2724	43.2	3008
Hodgdon CFE223	Federal	130gr Terminal Ascent	2.800	GM205MAR	Peak Alloy Plated	37.1	2635	41.0	2895

6.5 CREEDMOOR +PEAK 153GR SIERRA TIPPED MATCHKING LOAD DATA

						STARTING LOAD		MAX LOAD	
POWDER	BULLET BRAND	WEIGHT/TYPE	OAL (IN)	PRIMER	CASE	CHARGE WT (GR)	VELOCITY (FT/SEC)	CHARGE WT (GR)	VELOCITY (FT/SEC)
Hodgdon Superformance	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	44.5	2667	48.3*	2912
Alliant Reloder® 17	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	39.2	2594	43.3	2874
Alliant Reloder® 16	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	41.0	2634	45.3*	2863
Hodgdon H4350	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	40.0	2597	43.4	2793
Vihtavuori N550	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	37.4	2497	41.5	2784
Alliant Power Pro™ 2000-MR	Sierra	153gr TMK	2.810	GM205MAR	Peak Alloy Plated	39.0	2598	42.5	2782

6.5 CREEDMOOR +PEAK 127GR BARNES LRX LOAD DATA

						STARTING LOAD		MAX LOAD	
POWDER	BULLET BRAND	WEIGHT/TYPE	OAL (IN)	PRIMER	CASE	CHARGE WT (GR)	VELOCITY (FT/SEC)	CHARGE WT (GR)	VELOCITY (FT/SEC)
Alliant Reloder® 17	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	40.4	2784	44.8	3103
Alliant Reloder® 16	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	42.0	2829	46.7*	3095
Hodgdon Superformance	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	45.7	2791	50.5*	3091
Hodgdon H4350	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	40.0	2722	44.5	3021
Vihtavuori N550	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	38.6	2683	42.8	3001
Alliant Power Pro™ 2000-MR	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	40.7	2745	44.4	2974
Hodgdon CFE223	Barnes	127gr Barnes LRX	2.800	GM205MAR	Peak Alloy Plated	37.6	2584	41.8	2883

*Compressed

LOAD DATA

TEST FIREARM: 24" SAAMI CHAMBER
UNIVERSAL RECEIVER TEST BARREL



FEDERAL PREMIUM

6.5 CREEDMOOR + PEAK™

6.5 CREEDMOOR + PEAK 156GR BERGER ELITE HUNTER LOAD DATA

						STARTING LOAD		MAX LOAD	
POWDER	BULLET BRAND	WEIGHT/TYPE	OAL (IN)	PRIMER	CASE	CHARGE WT (GR)	VELOCITY (FT/SEC)	CHARGE WT (GR)	VELOCITY (FT/SEC)
Hodgdon Superformance	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	44.5	2673	48.6*	2909
Alliant Reloder® 19	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	43.5	2624	48.0*	2875
Hodgdon H4831sc	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	44.0	2646	48.5*	2861
Alliant Reloder® 17	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	38.9	2555	43.1	2855
Alliant Power Pro™ 4000-MR	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	42.5	2599	47.0*	2836
Alliant Reloder® 16	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	40.6	2597	44.9*	2833
Vihtavuori N555	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	42.5	2612	47.0*	2821
Alliant Power Pro™ 2000-MR	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	38.9	2535	43.0	2761
Hodgdon H4350	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	39.0	2482	43.2	2758
Vihtavuori N550	Berger	156gr Berger Elite Hunter	2.810	GM205MAR	Peak Alloy Plated	37.0	2458	41.1	2734

6.5 CREEDMOOR +PEAK 155GR SPEER IMPACT LOAD DATA

						STARTING LOAD		MAX LOAD	
POWDER	BULLET BRAND	WEIGHT/TYPE	OAL (IN)	PRIMER	CASE	CHARGE WT (GR)	VELOCITY (FT/SEC)	CHARGE WT (GR)	VELOCITY (FT/SEC)
Hodgdon Superformance	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	45.0	2705	50.0*	2981
Alliant Power Pro™ 2000-MR	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	39.5	2606	43.9	2833
Alliant Reloder® 17	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	37.8	2570	42.0	2821
Alliant Reloder® 16	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	38.9	2571	43.2*	2817
Hodgdon H4350	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	38.0	2522	41.9	2738
Vihtavuori N550	Speer	155gr Impact	2.810	GM205MAR	Peak Alloy Plated	37.0	2495	40.4	2716

*Compressed

While reloading is a safe and enjoyable hobby, certain practices and procedures must be followed. Always put safety first in your personal reloading and shooting activities. By understanding the potential hazards and following well-established guidelines and procedures, the average shooter can safely build quality ammunition.

Failure to read, understand, and follow safety rules and guidelines in your reloading procedures can result in serious personal injury and/or property damage. It is your responsibility to ensure the safe operating condition and function of your reloading equipment and firearms. Know the required components and correct cartridge for which your firearm is chambered.

Reloaders must not deviate from the data provided here. We have provided both starting loads and maximum loads that should be approached with the appropriate amount of caution and not exceeded.

If you have any questions regarding these guidelines or recommendations, call the Federal Technical Staff at **(800) 379-1732** for more information.

RELOADING RECOMMENDATIONS



FEDERAL PREMIUM

6.5 CREEDMOOR + PEAK™

Federal's 6.5 Creedmoor +Peak cartridge owes much of its performance to the Peak Alloy™ case, which safely allows higher pressures for greater velocities and more power than comparable brass case cartridges. However, those same properties affect the reloading process. To assist shooters in reloading 6.5 Creedmoor +Peak, we've assembled the following recommendations.

- When gathering fired cases for reloading, only use bright nickel-plated cases from Federal Premium® 6.5 Creedmoor +Peak ammunition–Terminal Ascent®, Barnes® LRX, Berger® Elite Hunter and Sierra® Tipped MatchKing®. We do not recommend reloading the zinc-nickel-plated cases used in Federal® Fusion® Tipped ammunition. These are plated only on the exterior, and when the round is fired, this uncoated surface is exposed, introducing the risk of corrosion, particularly if the cases are washed prior to reloading.
- Before reloading, carefully inspect all cases to ensure they are in good condition.
- Avoid any cleaning chemicals that damage the plating or Peak Alloy case material.
- Federal recommends using wax-based lubricants to reduce the amount of force needed to full-length resize cases.
- Don't trim or debur Peak Alloy cartridges. These processes remove the nickel plating that protects the underlying material. If a case has stretched too much for reloading, discard it rather than attempt trimming.
- We recommend not deburring the primer pocket. Take care not to remove plating during cleaning.
- When preparing the case, flare the mouth just enough so it doesn't scrape or abrade the bullet jacket as the bullet is seated.
- Always follow published reloading data as Peak Alloy cases do not exhibit traditional pressure signs.
- After dropping the recommended powder charge, seat the bullet in one smooth motion as opposed to separate pushes.
- These are high-pressure loads for Peak Alloy cases only.

Disclaimer: Because Federal has no control over individual loading practices, the tools used, or the quality of the firearms in which the resulting ammunition may be used, we assume no liability–either express or implied–for the use of these recommendations, load data information, or other instructional materials.