



Handloader's Guide

For Smokeless Powders



Shotshell • Rifle • Handgun

Before using any of the loading data contained in this guide, please be sure to read all of the safety information.

SAFETY INFORMATION

This IMR *Handloader's Guide* presents revised and updated information on the use of IMR powders to reload shotshell, handgun and rifle ammunition. This *Guide* is not intended to be a "how to" manual for reloading, and we strongly recommend that all handloaders carefully read one or more of the reloading manuals which cover the subject in detail. This *Guide* is offered to be used at your own discretion and risk. Since we have no control over the circumstances of use, we assume no liability for the results obtained. And we guarantee only that our powders meet our manufacturing standards.

It is possible that changes in components which could affect ballistic performance could occur without our knowledge. The components used and specified in all our data were those that were commercially available to the handloader at the time our tests were conducted. It is the responsibility of the handloader to check each of his components to insure that they are the same as specified in our data.

Improper modifications and/or alterations can render any type of firearm unsafe. All work should be conducted by the manufacturer or a qualified gunsmith. It is highly recommended that a shooter have his guns checked periodically by a qualified gunsmith to insure that they are in safe operating condition. Treat all guns as being loaded and read and practice all the rules of safe gun handling and shooting.

The future of handloading is dependent upon the safe handling and storage of powder and primers and the safe use of all ammunition. In this regard, read and follow the recommendations of the Sporting Arms and Ammunition Manufacturers' Institute, Inc. as published in "Properties and Storage of Smokeless Powder." A copy of this pamphlet is bound into this *Handloader's Guide*.

SHOTSHELL

The shotshell data section offers a wide selection of target and field loads. There have been a number of changes and modifications in shotshell components which make it increasingly important that the handloader carefully check all of the components being used to insure that they are the same as shown. If you have reason to question any of your components, contact the manufacturer.

Our goal in developing this shotshell data was to offer a selection of "factory duplication" loads, specifying the average velocity and chamber pressure of the rounds tested. However, not all factory loads can be duplicated because the components utilized are not available to the handloader. All of the ballistics data specified were obtained using once-fired cases and components available to the handloaders at the time our tests were performed.

All of the shotshell data presented were developed using **lead** shot. Do not attempt to reload any of the loads listed using **steel** shot. Substituting steel shot in any load developed for lead shot could be very dangerous.

To obtain a reasonable duplication of the ballistic results listed, you must reload exactly as shown. Substitution of components especially primers and/or alteration in powder charge or type of powder could result in extremely dangerous reloads.

Good, uniform, efficient reloads result only from careful reloading procedures. Always check powder and shot weights on a reliable scale, use the exact components specified, seat wads properly and use only cases that are in good condition. Never leave to chance the

powder type and/or weight and the lead shot weight that you are loading in a shell. Inspect all reloaded shells to insure that crimp closely duplicates that of factory loads.

Unfortunately, time and space do not permit publication of loads utilizing all of the many components available. Loading data utilizing IMR powders for wads not listed in this *Guide* may be obtained by contacting the wad manufacturer.

RIFLE

The rifle data section contains data for most of the popular cartridges. The components specified were those that were commercially available to the handloader at the time the tests were performed.

The powder charge weights specified represent loads that developed **Maximum Allowable Chamber Pressures** with the test barrels used and components specified, with the exception of loads that are specified as (C) compressed charges which may represent case capacity rather than maximum chamber pressure. All tests were conducted utilizing commercial barrels in a Universal Receiver.

It is not unusual for reloads assembled with particular components and fired in the individual reloader's gun to give ballistic results (particularly chamber pressures) that vary in either direction from the published data. To compensate for any component and/or gun combination that would tend to yield pressures in excess of the published data, it is recommended that the powder charge be reduced 10% initially. (This reduction in powder charge weight should also be made each time that any of the components in the load are changed.) After firing several loads at the lower powder charge weight—without ANY evidence of excessive chamber pressure—the powder charge weight may then be increased in 0.5 grain increments as accuracy needs and pressure indications permit. The subject of excessive pressure along with illustrations is included in most reloading manuals, and should be read before attempting any reloading.

Always make certain that you use the correct ammunition in your rifle.

This data must be used only with IMR Smokeless Powders. **Never use this data for powders that may have similar numerical designations!**

HANDGUN

The handgun section contains loads for the more popular handgun cartridges utilizing the handloading components commercially available at the time our tests were conducted. We have also included a section of handgun data for the T/C Contender in cartridge and component combinations of particular interest to the metallic silhouette shooter. Test components used are specified and these exact components must be used to achieve a reasonable duplication of the ballistic data shown.

The powder charge weights specified represent loads that developed **Maximum Allowable Chamber Pressures** with the test barrels and components used, with the exception of loads that are specified as (C) compressed charges and therefore may represent case capacity rather than maximum chamber pressure, and loads that duplicate factory velocity. All tests were conducted utilizing commercial barrels in a Universal Receiver.

Always practice all of the principals of SAFE RELOADING and enjoy good shooting.

SHOTSHELL TARGET DATA

12 GAUGE 2³/₄ INCH 24 GRAM LOADS

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE						Grams**		
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	24	1155	5300
FEDERAL	209A	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	24	1205	5900
FEDERAL	209A	"HI-SKOR" 700-X	17.5*	WIN.	WAA12SL	24	1255	6600
FEDERAL	209A	"HI-SKOR" 700-X	19.0*	WIN.	WAA12SL	24	1325	7800
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	CB.	CB1100-12	24	1145	4800
FEDERAL	209A	"HI-SKOR" 700-X	16.5*	CB.	CB1100-12	24	1195	5500
FEDERAL	209A	"HI-SKOR" 700-X	17.5*	CB.	CB1100-12	24	1250	6200
FEDERAL	209A	"HI-SKOR" 700-X	19.5*	CB.	CB1100-12	24	1335	7400
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	REM.	TGT12	24	1145	5000
FEDERAL	209A	"HI-SKOR" 700-X	16.5*	REM.	TGT12	24	1195	5700
FEDERAL	209A	"HI-SKOR" 700-X	17.5*	REM.	TGT12	24	1245	6200
FEDERAL	209A	"HI-SKOR" 700-X	19.5*	REM.	TGT12	24	1325	7100
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	CB.	CB2100-12	24	1160	5300
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	CB.	CB2100-12	24	1210	6000
FEDERAL	209A	"HI-SKOR" 700-X	18.0*	CB.	CB2100-12	24	1260	6600
FEDERAL	209A	"HI-SKOR" 700-X	19.5*	CB.	CB2100-12	24	1330	7500
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	FED.	12S0	24	1160	5500
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	FED.	12S0	24	1205	6200
FEDERAL	209A	"HI-SKOR" 700-X	18.0*	FED.	12S0	24	1255	6800
FEDERAL	209A	"HI-SKOR" 700-X	19.5*	FED.	12S0	24	1325	7800
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	ACTIV	TG-30	24	1155	6100
FEDERAL	209A	"HI-SKOR" 700-X	16.5*	ACTIV	TG-30	24	1200	6700
FEDERAL	209A	"HI-SKOR" 700-X	17.5*	ACTIV	TG-30	24	1245	7300
FEDERAL	209A	"HI-SKOR" 700-X	19.5*	ACTIV	TG-30	24	1335	8800
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	WIN.	WAA12SL	24	1150	4700
REMINGTON	209P	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	24	1205	5400
REMINGTON	209P	"HI-SKOR" 700-X	18.0*	WIN.	WAA12SL	24	1250	5900
REMINGTON	209P	"HI-SKOR" 700-X	20.5*	WIN.	WAA12SL	24	1325	6600
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	CB.	CB1100-12	24	1140	4000
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	CB.	CB1100-12	24	1205	4600
REMINGTON	209P	"HI-SKOR" 700-X	19.0*	CB.	CB1100-12	24	1250	5300
REMINGTON	209P	"HI-SKOR" 700-X	21.0*	CB.	CB1100-12	24	1320	5800
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1150	4200
REMINGTON	209P	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1195	4800
REMINGTON	209P	"HI-SKOR" 700-X	18.5*	REM.	TGT12	24	1250	5700
REMINGTON	209P	"HI-SKOR" 700-X	21.0*	REM.	TGT12	24	1330	6500
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	CB.	CB2100-12	24	1140	4000
REMINGTON	209P	"HI-SKOR" 700-X	18.0*	CB.	CB2100-12	24	1195	4500
REMINGTON	209P	"HI-SKOR" 700-X	19.5*	CB.	CB2100-12	24	1265	5200
REMINGTON	209P	"HI-SKOR" 700-X	21.0*	CB.	CB2100-12	24	1330	6300
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	FED.	12S0	24	1160	4800
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	FED.	12S0	24	1205	5300
REMINGTON	209P	"HI-SKOR" 700-X	18.5*	FED.	12S0	24	1250	6000
REMINGTON	209P	"HI-SKOR" 700-X	20.5*	FED.	12S0	24	1340	7300
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	ACTIV	TG-30	24	1145	4800
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	ACTIV	TG-30	24	1210	5500
REMINGTON	209P	"HI-SKOR" 700-X	18.5*	ACTIV	TG-30	24	1250	6100
REMINGTON	209P	"HI-SKOR" 700-X	20.0*	ACTIV	TG-30	24	1320	7000
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	24	1150	5100
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	24	1200	5700
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	WIN.	WAA12SL	24	1250	6400
WINCHESTER	209	"HI-SKOR" 700-X	19.0*	WIN.	WAA12SL	24	1320	7500
WINCHESTER	209	"HI-SKOR" 700-X	16.0*	CB.	CB1100-12	24	1155	4900
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	CB.	CB1100-12	24	1210	5500
WINCHESTER	209	"HI-SKOR" 700-X	18.0*	CB.	CB1100-12	24	1260	6200
WINCHESTER	209	"HI-SKOR" 700-X	19.5*	CB.	CB1100-12	24	1335	7300
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	REM.	TGT12	24	1150	5200
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	REM.	TGT12	24	1195	5800
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	REM.	TGT12	24	1245	6400
WINCHESTER	209	"HI-SKOR" 700-X	19.5*	REM.	TGT12	24	1335	7800
WINCHESTER	209	"HI-SKOR" 700-X	16.0*	CB.	CB2100-12	24	1160	5300
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	CB.	CB2100-12	24	1210	5900
WINCHESTER	209	"HI-SKOR" 700-X	18.0*	CB.	CB2100-12	24	1260	6500
WINCHESTER	209	"HI-SKOR" 700-X	19.5*	CB.	CB2100-12	24	1335	7400
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	FED.	12S0	24	1145	5400
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	FED.	12S0	24	1195	6100
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	FED.	12S0	24	1250	6700
WINCHESTER	209	"HI-SKOR" 700-X	19.5*	FED.	12S0	24	1330	7800
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	ACTIV	TG-30	24	1145	5600
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	ACTIV	TG-30	24	1195	6300
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	ACTIV	TG-30	24	1245	7000
WINCHESTER	209	"HI-SKOR" 700-X	19.5*	ACTIV	TG-30	24	1335	8400

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE						Grams**		
FEDERAL	209A	PB	20.0*	WIN.	WAA12SL	24	1155	5000
FEDERAL	209A	PB	21.0*	WIN.	WAA12SL	24	1195	5300
FEDERAL	209A	PB	22.5*	WIN.	WAA12SL	24	1250	5900
FEDERAL	209A	PB	24.5*	WIN.	WAA12SL	24	1325	6600
FEDERAL	209A	PB	20.0*	CB.	CB2118-12	24	1150	4900
FEDERAL	209A	PB	21.0*	CB.	CB2118-12	24	1190	5400
FEDERAL	209A	PB	22.5*	CB.	CB2118-12	24	1250	6000
FEDERAL	209A	PB	24.5*	CB.	CB2118-12	24	1330	6900
FEDERAL	209A	PB	20.0*	REM.	TGT12	24	1145	4700
FEDERAL	209A	PB	21.5*	REM.	TGT12	24	1205	5300
FEDERAL	209A	PB	23.0*	REM.	TGT12	24	1265	6000
FEDERAL	209A	PB	24.5*	REM.	TGT12	24	1325	6700
FEDERAL	209A	PB	20.0*	FED.	12S3	24	1155	5200
FEDERAL	209A	PB	21.0*	FED.	12S3	24	1195	5600
FEDERAL	209A	PB	22.5*	FED.	12S3	24	1260	6300
FEDERAL	209A	PB	24.0*	FED.	12S3	24	1320	7000
FEDERAL	209A	PB	20.0*	ACTIV	TG-30	24	1145	5000
FEDERAL	209A	PB	21.5*	ACTIV	TG-30	24	1205	5600
FEDERAL	209A	PB	22.5*	ACTIV	TG-30	24	1250	6100
FEDERAL	209A	PB	24.5*	ACTIV	TG-30	24	1330	7000
REMINGTON	209P	PB	21.0*	WIN.	WAA12SL	24	1140	3900
REMINGTON	209P	PB	22.5*	WIN.	WAA12SL	24	1195	4400
REMINGTON	209P	PB	24.0*	WIN.	WAA12SL	24	1255	5100
REMINGTON	209P	PB	25.5*	WIN.	WAA12SL	24	1320	5700
REMINGTON	209P	PB	21.0*	CB.	CB2118-12	24	1150	4300
REMINGTON	209P	PB	22.5*	CB.	CB2118-12	24	1205	4700
REMINGTON	209P	PB	24.0*	CB.	CB2118-12	24	1265	5300
REMINGTON	209P	PB	25.5*	CB.	CB2118-12	24	1330	6100
REMINGTON	209P	PB	21.0*	REM.	TGT12	24	1145	3900
REMINGTON	209P	PB	22.5*	REM.	TGT12	24	1200	4500
REMINGTON	209P	PB	24.0*	REM.	TGT12	24	1265	5200
REMINGTON	209P	PB	25.5*	REM.	TGT12	24	1330	6000
REMINGTON	209P	PB	21.0*	FED.	12S3	24	1160	4700
REMINGTON	209P	PB	22.0*	FED.	12S3	24	1205	5100
REMINGTON	209P	PB	23.0*	FED.	12S3	24	1250	5600
REMINGTON	209P	PB	25.0*	FED.	12S3	24	1330	6600
REMINGTON	209P	PB	20.0*	ACTIV	TG-30	24	1140	4800
REMINGTON	209P	PB	22.0*	ACTIV	TG-30	24	1205	5300
REMINGTON	209P	PB	23.5*	ACTIV	TG-30	24	1260	5700
REMINGTON	209P	PB	25.0*	ACTIV	TG-30	24	1325	6400
WINCHESTER	209	PB	20.5*	WIN.	WAA12SL	24	1145	4300
WINCHESTER	209	PB	21.5*	WIN.	WAA12SL	24	1190	4800
WINCHESTER	209	PB	23.0*	WIN.	WAA12SL	24	1255	5400
WINCHESTER	209	PB	25.0*	WIN.	WAA12SL	24	1335	6200
WINCHESTER	209	PB	20.5*	CB.	CB2118-12	24	1150	4800
WINCHESTER	209	PB	21.5*	CB.	CB2118-12	24	1195	5300
WINCHESTER	209	PB	23.0*	CB.	CB2118-12	24	1260	6000
WINCHESTER	209	PB	24.5*	CB.	CB2118-12	24	1320	6600
WINCHESTER	209	PB	20.5*	REM.	TGT12	24	1140	4500
WINCHESTER	209	PB	22.0*	REM.	TGT12	24	1200	5000
WINCHESTER	209	PB	23.5*	REM.	TGT12	24	1265	5700
WINCHESTER	209	PB	25.0*	REM.	TGT12	24	1325	6300
WINCHESTER	209	PB	20.5*	FED.	12S3	24	1145	4800
WINCHESTER	209	PB	22.0*	FED.	12S3	24	1205	5600
WINCHESTER	209	PB	23.0*	FED.	12S3	24	1250	6100
WINCHESTER	209	PB	24.5*	FED.	12S3	24	1320	6900
WINCHESTER	209	PB	20.5*	ACTIV	TG-30	24	1160	5100
WINCHESTER	209	PB	21.5*	ACTIV	TG-30	24	1200	5600
WINCHESTER	209	PB	22.5*	ACTIV	TG-30	24	1250	6100
WINCHESTER	209	PB	24.5*	ACTIV	TG-30	24	1325	6900
FEDERAL	209A	SR7625	23.5*	WIN.	WAA12SL	24	1150	3800
FEDERAL	209A	SR7625	24.5*	WIN.	WAA12SL	24	1190	4200
FEDERAL	209A	SR7625	25.5	WIN.	WAA12SL	24	1255	4800
FEDERAL	209A	SR7625	27.0	WIN.	WAA12SL	24	1320	5600
FEDERAL	209A	SR7625	24.0	CB.	CB2100-12	24	1145	3400
FEDERAL	209A	SR7625	25.5	CB.	CB2100-12	24	1205	3900

***INSERT ONE 20 GA 0.135 IN CARD IN BOTTOM OF SHOTCUP **24 GRAM LOADS ARE 370.4 GRAINS, 7/8 OZ. EQUALS 382.8 GRAINS.**
NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE						Grams**		
FEDERAL	209A	SR7625	26.5	CB.	CB2100-12	24	1250	4300
FEDERAL	209A	SR7625	28.5	CB.	CB2100-12	24	1325	5000
FEDERAL	209A	SR7625	24.0	REM.	TGT12	24	1155	3700
FEDERAL	209A	SR7625	25.0	REM.	TGT12	24	1195	4000
FEDERAL	209A	SR7625	26.5	REM.	TGT12	24	1255	4600
FEDERAL	209A	SR7625	28.5	REM.	TGT12	24	1335	5400
FEDERAL	209A	SR7625	23.5	FED.	12S0	24	1145	3800
FEDERAL	209A	SR7625	25.0	FED.	12S0	24	1205	4300
FEDERAL	209A	SR7625	26.5	FED.	12S0	24	1265	4900
FEDERAL	209A	SR7625	28.0	FED.	12S0	24	1320	5400
FEDERAL	209A	SR7625	23.5*	ACTIV	TG-30	24	1155	4100
FEDERAL	209A	SR7625	24.5*	ACTIV	TG-30	24	1200	4600
FEDERAL	209A	SR7625	26.0*	ACTIV	TG-30	24	1260	5300
FEDERAL	209A	SR7625	28.0*	ACTIV	TG-30	24	1335	5900
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WINCHESTER	209	SR7625	24.5*	WIN.	WAA12SL	24	1145	3500
WINCHESTER	209	SR7625	25.5	WIN.	WAA12SL	24	1195	3800
WINCHESTER	209	SR7625	27.0	WIN.	WAA12SL	24	1265	4600
WINCHESTER	209	SR7625	28.5	WIN.	WAA12SL	24	1335	5400
WINCHESTER	209	SR7625	25.0	CB.	CB2100-12	24	1155	3300
WINCHESTER	209	SR7625	26.0	CB.	CB2100-12	24	1195	3600
WINCHESTER	209	SR7625	27.5	CB.	CB2100-12	24	1250	4000
WINCHESTER	209	SR7625	29.5	CB.	CB2100-12	24	1322	4600
WINCHESTER	209	SR7625	24.5	REM.	TGT12	24	1150	3500
WINCHESTER	209	SR7625	25.5	REM.	TGT12	24	1195	3700
WINCHESTER	209	SR7625	27.0	REM.	TGT12	24	1250	4200
WINCHESTER	209	SR7625	29.0	REM.	TGT12	24	1330	4900
WINCHESTER	209	SR7625	24.5	FED.	12S0	24	1155	3700
WINCHESTER	209	SR7625	25.5	FED.	12S0	24	1200	4000
WINCHESTER	209	SR7625	27.0	FED.	12S0	24	1255	4500
WINCHESTER	209	SR7625	29.0	FED.	12S0	24	1330	5200
WINCHESTER	209	SR7625	23.5*	ACTIV	TG-30	24	1140	3900
WINCHESTER	209	SR7625	25.0*	ACTIV	TG-30	24	1200	4400
WINCHESTER	209	SR7625	26.5*	ACTIV	TG-30	24	1260	5000
WINCHESTER	209	SR7625	28.0*	ACTIV	TG-30	24	1320	5600
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SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27						Grams**		
FEDERAL	209A	"HI-SKOR" 700-X	14.5*	WIN.	WAA12SL	24	1140	6500
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	24	1195	7300
FEDERAL	209A	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	24	1245	8200
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	24	1335	10000
FEDERAL	209A	"HI-SKOR" 700-X	15.0*	CB.	CB1100-12	24	1155	5900
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	CB.	CB1100-12	24	1205	6700
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	CB.	CB1100-12	24	1255	7600
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	CB.	CB1100-12	24	1330	8900
FEDERAL	209A	"HI-SKOR" 700-X	15.0*	REM.	TGT12	24	1160	6500
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1210	7400
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1265	8300
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	REM.	TGT12	24	1335	9600
FEDERAL	209A	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1155	6100
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	24	1210	6800
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	24	1260	7600
FEDERAL	209A	"HI-SKOR" 700-X	18.5	CB.	CB2100-12	24	1325	8600
FEDERAL	209A	"HI-SKOR" 700-X	15.0	FED.	12S0	24	1160	6600
FEDERAL	209A	"HI-SKOR" 700-X	16.0	FED.	12S0	24	1210	7400
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S0	24	1260	8100
FEDERAL	209A	"HI-SKOR" 700-X	18.5	FED.	12S0	24	1325	9200
FEDERAL	209A	"HI-SKOR" 700-X	14.5	ACTIV	TG-30	24	1155	6900
FEDERAL	209A	"HI-SKOR" 700-X	15.5	ACTIV	TG-30	24	1200	7600
FEDERAL	209A	"HI-SKOR" 700-X	16.5	ACTIV	TG-30	24	1250	8300
FEDERAL	209A	"HI-SKOR" 700-X	18.0	ACTIV	TG-30	24	1320	9600
<hr/>								
REMINGTON	209P	"HI-SKOR" 700-X	15.0*	WIN.	WAA12SL	24	1155	6400
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	WIN.	WAA12SL	24	1210	7200
REMINGTON	209P	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	24	1255	7900
REMINGTON	209P	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	24	1320	8900
REMINGTON	209P	"HI-SKOR" 700-X	15.5*	CB.	CB1100-12	24	1155	5500
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	CB.	CB1100-12	24	1210	6400
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	CB.	CB1100-12	24	1260	7200
REMINGTON	209P	"HI-SKOR" 700-X	19.0*	CB.	CB1100-12	24	1335	8400
REMINGTON	209P	"HI-SKOR" 700-X	15.0*	REM.	TGT12	24	1150	5800
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1200	6600
REMINGTON	209P	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1250	7300
REMINGTON	209P	"HI-SKOR" 700-X	19.0*	REM.	TGT12	24	1335	8700
REMINGTON	209P	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1150	5700

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27						Grams**		
REMINGTON	209P	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	24	1200	6600
REMINGTON	209P	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	24	1250	7400
REMINGTON	209P	"HI-SKOR" 700-X	18.5	CB.	CB2100-12	24	1330	8600
REMINGTON	209P	"HI-SKOR" 700-X	15.0	FED.	12S0	24	1150	6100
REMINGTON	209P	"HI-SKOR" 700-X	16.0	FED.	12S0	24	1205	7200
REMINGTON	209P	"HI-SKOR" 700-X	17.0	FED.	12S0	24	1260	8200
REMINGTON	209P	"HI-SKOR" 700-X	18.5	FED.	12S0	24	1340	9800
REMINGTON	209P	"HI-SKOR" 700-X	15.0	ACTIV	TG-30	24	1155	6400
REMINGTON	209P	"HI-SKOR" 700-X	16.0	ACTIV	TG-30	24	1210	7300
REMINGTON	209P	"HI-SKOR" 700-X	17.0	ACTIV	TG-30	24	1260	8200
REMINGTON	209P	"HI-SKOR" 700-X	18.5	ACTIV	TG-30	24	1330	9300
WINCHESTER	209	"HI-SKOR" 700-X	15.0*	WIN.	WAA12SL	24	1160	6700
WINCHESTER	209	"HI-SKOR" 700-X	16.0*	WIN.	WAA12SL	24	1210	7600
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	24	1260	8400
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	24	1335	9700
WINCHESTER	209	"HI-SKOR" 700-X	15.0	CB.	CB1100-12	24	1140	5300
WINCHESTER	209	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	24	1200	6300
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	24	1250	7200
WINCHESTER	209	"HI-SKOR" 700-X	18.5	CB.	CB1100-12	24	1325	8500
WINCHESTER	209	"HI-SKOR" 700-X	15.0*	REM.	TGT12	24	1155	6300
WINCHESTER	209	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1205	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1260	8000
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	REM.	TGT12	24	1335	9200
WINCHESTER	209	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1145	5700
WINCHESTER	209	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	24	1200	6400
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	24	1255	7200
WINCHESTER	209	"HI-SKOR" 700-X	18.5	CB.	CB2100-12	24	1335	8500
WINCHESTER	209	"HI-SKOR" 700-X	15.0	FED.	12S0	24	1160	6300
WINCHESTER	209	"HI-SKOR" 700-X	16.0	FED.	12S0	24	1215	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FED.	12S0	24	1265	8100
WINCHESTER	209	"HI-SKOR" 700-X	18.5	FED.	12S0	24	1335	9400
WINCHESTER	209	"HI-SKOR" 700-X	14.5	ACTIV	TG-30	24	1135	6200
WINCHESTER	209	"HI-SKOR" 700-X	15.5	ACTIV	TG-30	24	1190	7100
WINCHESTER	209	"HI-SKOR" 700-X	17.0	ACTIV	TG-30	24	1265	8500
WINCHESTER	209	"HI-SKOR" 700-X	18.5	ACTIV	TG-30	24	1335	9700
FEDERAL	209A	PB	17.5	WIN.	WAA12SL	24	1155	6400
FEDERAL	209A	PB	18.5	WIN.	WAA12SL	24	1200	7100
FEDERAL	209A	PB	20.0	WIN.	WAA12SL	24	1265	8100
FEDERAL	209A	PB	21.5	WIN.	WAA12SL	24	1330	9000
FEDERAL	209A	PB	18.0	CB.	CB1100-12	24	1140	5100
FEDERAL	209A	PB	19.5	CB.	CB1100-12	24	1205	6100
FEDERAL	209A	PB	20.5	CB.	CB1100-12	24	1250	6800
FEDERAL	209A	PB	22.5	CB.	CB1100-12	24	1330	7800
FEDERAL	209A	PB	18.0	REM.	TGT12	24	1145	5500
FEDERAL	209A	PB	19.5	REM.	TGT12	24	1205	6300
FEDERAL	209A	PB	20.5	REM.	TGT12	24	1250	6700
FEDERAL	209A	PB	22.5	REM.	TGT12	24	1330	7800
FEDERAL	209A	PB	18.0	FED.	12S0	24	1155	6300
FEDERAL	209A	PB	19.0	FED.	12S0	24	1195	6900
FEDERAL	209A	PB	20.5	FED.	12S0	24	1255	7800
FEDERAL	209A	PB	22.0	FED.	12S0	24	1320	8700
FEDERAL	209A	PB	18.5	ACTIV	TG-30	24	1150	5800
FEDERAL	209A	PB	19.5	ACTIV	TG-30	24	1190	6300
FEDERAL	209A	PB	21.0	ACTIV	TG-30	24	1255	7100
FEDERAL	209A	PB	22.5	ACTIV	TG-30	24	1320	8000
REMINGTON	209P	PB	18.5	WIN.	WAA12SL	24	1145	5400
REMINGTON	209P	PB	19.5	WIN.	WAA12SL	24	1195	6200
REMINGTON	209P	PB	21.0	WIN.	WAA12SL	24	1265	7300
REMINGTON	209P	PB	22.5	WIN.	WAA12SL	24	1325	8000
REMINGTON	209P	PB	19.5	CB.	CB1100-12	24	1140	4300
REMINGTON	209P	PB	21.0	CB.	CB1100-12	24	1205	5100
REMINGTON	209P	PB	22.0	CB.	CB1100-12	24	1250	5600
REMINGTON	209P	PB	24.0	CB.	CB1100-12	24	1330	6400
REMINGTON	209P	PB	19.5	REM.	TGT12	24	1155	4800
REMINGTON	209P	PB	20.5	REM.	TGT12	24	1195	5200
REMINGTON	209P	PB	22.0	REM.	TGT12	24	1260	6000

***INSERT ONE 20 GA 0.135 IN CARD IN BOTTOM OF SHOTCUP **24 GRAM LOADS ARE 370.4 GRAINS, 7/8 OZ. EQUALS 382.8 GRAINS.**
NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27						Grams**		
REMINGTON	209P	PB	23.5	REM.	TGT12	24	1325	6900
REMINGTON	209P	PB	19.0	FED.	12S0	24	1145	5300
REMINGTON	209P	PB	20.5	FED.	12S0	24	1210	6300
REMINGTON	209P	PB	21.5	FED.	12S0	24	1255	6800
REMINGTON	209P	PB	23.5	FED.	12S0	24	1335	7700
REMINGTON	209P	PB	19.0	ACTIV	TG-30	24	1140	5200
REMINGTON	209P	PB	20.5	ACTIV	TG-30	24	1210	6000
REMINGTON	209P	PB	21.5	ACTIV	TG-30	24	1255	6500
REMINGTON	209P	PB	23.5	ACTIV	TG-30	24	1335	7500
WINCHESTER	209	PB	18.0	WIN.	WAA12SL	24	1140	5600
WINCHESTER	209	PB	19.5	WIN.	WAA12SL	24	1200	6400
WINCHESTER	209	PB	20.5	WIN.	WAA12SL	24	1245	7000
WINCHESTER	209	PB	22.5	WIN.	WAA12SL	24	1330	8100
WINCHESTER	209	PB	19.0	CB.	CB1100-12	24	1145	4700
WINCHESTER	209	PB	20.5	CB.	CB1100-12	24	1205	5200
WINCHESTER	209	PB	21.5	CB.	CB1100-12	24	1245	5600
WINCHESTER	209	PB	23.5	CB.	CB1100-12	24	1330	6400
WINCHESTER	209	PB	19.0	REM.	TGT12	24	1155	5200
WINCHESTER	209	PB	20.0	REM.	TGT12	24	1200	5700
WINCHESTER	209	PB	21.0	REM.	TGT12	24	1245	6200
WINCHESTER	209	PB	23.0	REM.	TGT12	24	1330	7300
WINCHESTER	209	PB	19.0	FED.	12S0	24	1145	5400
WINCHESTER	209	PB	20.5	FED.	12S0	24	1210	6300
WINCHESTER	209	PB	21.5	FED.	12S0	24	1250	6800
WINCHESTER	209	PB	23.5	FED.	12S0	24	1335	7700
WINCHESTER	209	PB	19.0	ACTIV	TG-30	24	1155	5700
WINCHESTER	209	PB	20.0	ACTIV	TG-30	24	1190	6100
WINCHESTER	209	PB	21.5	ACTIV	TG-30	24	1255	6900
WINCHESTER	209	PB	23.0	ACTIV	TG-30	24	1325	7800
FEDERAL	209A	SR7625	20.5	WIN.	WAA12SL	24	1155	5700
FEDERAL	209A	SR7625	21.5	WIN.	WAA12SL	24	1195	6200
FEDERAL	209A	SR7625	23.0	WIN.	WAA12SL	24	1250	6800
FEDERAL	209A	SR7625	25.0	WIN.	WAA12SL	24	1320	7500
FEDERAL	209A	SR7625	21.5	CB.	CB1100-12	24	1150	4600
FEDERAL	209A	SR7625	23.0	CB.	CB1100-12	24	1210	5100
FEDERAL	209A	SR7625	24.0	CB.	CB1100-12	24	1250	5600
FEDERAL	209A	SR7625	26.0	CB.	CB1100-12	24	1330	6500
FEDERAL	209A	SR7625	22.0*	REM.	FIG8	24	1150	4700
FEDERAL	209A	SR7625	23.0*	REM.	FIG8	24	1195	5200
FEDERAL	209A	SR7625	24.5*	REM.	FIG8	24	1260	6000
FEDERAL	209A	SR7625	26.0*	REM.	FIG8	24	1320	6800
FEDERAL	209A	SR7625	21.5	FED.	12S0	24	1155	5300
FEDERAL	209A	SR7625	22.5	FED.	12S0	24	1200	5700
FEDERAL	209A	SR7625	24.0	FED.	12S0	24	1260	6500
FEDERAL	209A	SR7625	25.0	FED.	12S0	24	1325	7300
FEDERAL	209A	SR7625	21.0	ACTIV	TG-30	24	1140	5100
FEDERAL	209A	SR7625	22.5	ACTIV	TG-30	24	1200	5700
FEDERAL	209A	SR7625	23.5	ACTIV	TG-30	24	1245	6200
FEDERAL	209A	SR7625	25.5	ACTIV	TG-30	24	1325	7200
REMINGTON	209P	SR7625	21.5	WIN.	WAA12SL	24	1155	4800
REMINGTON	209P	SR7625	23.0	WIN.	WAA12SL	24	1205	5300
REMINGTON	209P	SR7625	24.5	WIN.	WAA12SL	24	1255	5800
REMINGTON	209P	SR7625	26.0	WIN.	WAA12SL	24	1325	6800
REMINGTON	209P	SR7625	23.5	CB.	CB1100-12	24	1145	3200
REMINGTON	209P	SR7625	25.0	CB.	CB1100-12	24	1205	3800
REMINGTON	209P	SR7625	26.0	CB.	CB1100-12	24	1250	4400
REMINGTON	209P	SR7625	27.5	CB.	CB1100-12	24	1320	5300
REMINGTON	209P	SR7625	22.0*	REM.	FIG8	24	1140	4200
REMINGTON	209P	SR7625	23.5*	REM.	FIG8	24	1205	4900
REMINGTON	209P	SR7625	24.5*	REM.	FIG8	24	1245	5300
REMINGTON	209P	SR7625	26.5*	REM.	FIG8	24	1325	6200
REMINGTON	209P	SR7625	21.5	FED.	12S0	24	1155	4600
REMINGTON	209P	SR7625	23.0	FED.	12S0	24	1210	5300
REMINGTON	209P	SR7625	24.0	FED.	12S0	24	1250	5800
REMINGTON	209P	SR7625	26.0	FED.	12S0	24	1335	6900
REMINGTON	209P	SR7625	21.5	ACTIV	TG-30	24	1155	4900
REMINGTON	209P	SR7625	23.0	ACTIV	TG-30	24	1210	5200
REMINGTON	209P	SR7625	24.5	ACTIV	TG-30	24	1260	5600
REMINGTON	209P	SR7625	26.0	ACTIV	TG-30	24	1320	6300

***INSERT ONE 20 GA 0.135 IN CARD IN BOTTOM OF SHOTCUP **24 GRAM LOADS ARE 370.4 GRAINS, 7/8 OZ. EQUALS 382.8 GRAINS.**
NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27						Grams**		
WINCHESTER	209	SR7625	21.0	WIN.	WAA12SL	24	1160	5300
WINCHESTER	209	SR7625	22.0	WIN.	WAA12SL	24	1205	5900
WINCHESTER	209	SR7625	23.0	WIN.	WAA12SL	24	1250	6400
WINCHESTER	209	SR7625	24.5	WIN.	WAA12SL	24	1320	7300
WINCHESTER	209	SR7625	23.0	CB.	CB1100-12	24	1145	3800
WINCHESTER	209	SR7625	24.5	CB.	CB1100-12	24	1210	4400
WINCHESTER	209	SR7625	25.5	CB.	CB1100-12	24	1255	4900
WINCHESTER	209	SR7625	27.0	CB.	CB1100-12	24	1325	5700
WINCHESTER	209	SR7625	22.5*	REM.	FIG8	24	1160	4600
WINCHESTER	209	SR7625	23.5*	REM.	FIG8	24	1205	5100
WINCHESTER	209	SR7625	24.5*	REM.	FIG8	24	1245	5600
WINCHESTER	209	SR7625	26.5*	REM.	FIG8	24	1325	6500
WINCHESTER	209	SR7625	22.5	FED.	12S0	24	1160	4800
WINCHESTER	209	SR7625	23.5	FED.	12S0	24	1210	5300
WINCHESTER	209	SR7625	24.5	FED.	12S0	24	1255	6000
WINCHESTER	209	SR7625	26.0	FED.	12S0	24	1325	6900
WINCHESTER	209	SR7625	21.5	ACTIV	TG-30	24	1145	5000
WINCHESTER	209	SR7625	23.0	ACTIV	TG-30	24	1205	5600
WINCHESTER	209	SR7625	24.0	ACTIV	TG-30	24	1250	6100
WINCHESTER	209	SR7625	25.5	ACTIV	TG-30	24	1320	7000
SHELL: WINCHESTER AA						Grams**		
FEDERAL	209A	"HI-SKOR" 700-X	14.5*	WIN.	WAA12SL	24	1145	6400
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	24	1195	7000
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	24	1260	8100
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	24	1320	9100
FEDERAL	209A	"HI-SKOR" 700-X	14.5*	CB.	CB1100-12	24	1140	5700
FEDERAL	209A	"HI-SKOR" 700-X	15.5*	CB.	CB1100-12	24	1190	6400
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	CB.	CB1100-12	24	1260	7400
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	CB.	CB1100-12	24	1325	8300
FEDERAL	209A	"HI-SKOR" 700-X	14.5*	REM.	TGT12	24	1140	6000
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1210	7000
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1255	7800
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	REM.	TGT12	24	1320	8600
FEDERAL	209A	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1160	5900
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	24	1210	6700
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	24	1260	7500
FEDERAL	209A	"HI-SKOR" 700-X	18.5	CB.	CB2100-12	24	1325	8600
FEDERAL	209A	"HI-SKOR" 700-X	15.0	FED.	12S0	24	1150	6400
FEDERAL	209A	"HI-SKOR" 700-X	16.0	FED.	12S0	24	1200	7100
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S0	24	1250	7900
FEDERAL	209A	"HI-SKOR" 700-X	18.5	FED.	12S0	24	1325	9000
FEDERAL	209A	"HI-SKOR" 700-X	15.0	ACTIV	TG-30	24	1145	6000
FEDERAL	209A	"HI-SKOR" 700-X	16.0	ACTIV	TG-30	24	1205	7100
FEDERAL	209A	"HI-SKOR" 700-X	17.0	ACTIV	TG-30	24	1255	8000
FEDERAL	209A	"HI-SKOR" 700-X	18.5	ACTIV	TG-30	24	1320	9100
REMINGTON	209P	"HI-SKOR" 700-X	15.0*	WIN.	WAA12SL	24	1140	5300
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	24	1200	6000
REMINGTON	209P	"HI-SKOR" 700-X	18.0*	WIN.	WAA12SL	24	1265	6800
REMINGTON	209P	"HI-SKOR" 700-X	19.5*	WIN.	WAA12SL	24	1330	7600
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	CB.	CB1100-12	24	1145	4100
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	CB.	CB1100-12	24	1200	4800
REMINGTON	209P	"HI-SKOR" 700-X	19.0*	CB.	CB1100-12	24	1265	5500
REMINGTON	209P	"HI-SKOR" 700-X	20.5*	CB.	CB1100-12	24	1335	6400
REMINGTON	209P	"HI-SKOR" 700-X	15.5*	REM.	TGT12	24	1150	5000
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	REM.	TGT12	24	1190	5500
REMINGTON	209P	"HI-SKOR" 700-X	18.0*	REM.	TGT12	24	1250	6100
REMINGTON	209P	"HI-SKOR" 700-X	20.5*	REM.	TGT12	24	1325	6800
REMINGTON	209P	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1140	4800
REMINGTON	209P	"HI-SKOR" 700-X	16.5	CB.	CB2100-12	24	1200	5200
REMINGTON	209P	"HI-SKOR" 700-X	18.0	CB.	CB2100-12	24	1255	5600
REMINGTON	209P	"HI-SKOR" 700-X	20.0	CB.	CB2100-12	24	1325	6300
REMINGTON	209P	"HI-SKOR" 700-X	15.0	FED.	12S0	24	1150	5000
REMINGTON	209P	"HI-SKOR" 700-X	16.5	FED.	12S0	24	1190	5600
REMINGTON	209P	"HI-SKOR" 700-X	18.0	FED.	12S0	24	1250	6300
REMINGTON	209P	"HI-SKOR" 700-X	19.5	FED.	12S0	24	1320	7600
REMINGTON	209P	"HI-SKOR" 700-X	15.5	ACTIV	TG-30	24	1145	5400
REMINGTON	209P	"HI-SKOR" 700-X	16.5	ACTIV	TG-30	24	1200	6100
REMINGTON	209P	"HI-SKOR" 700-X	18.0	ACTIV	TG-30	24	1255	6700
REMINGTON	209P	"HI-SKOR" 700-X	20.0	ACTIV	TG-30	24	1330	7500

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

Downloading, printing and use of the information on this page signifies acceptance of and compliance with all IMR Handloader's Guide cautions and safety recommendations.

PRIMER MFR.	NO.	IMR POWDER		WAD COLUMN		LEAD SHOT	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
		DESIGNATION	GRAINS	MFR.	DESIGNATION			
SHELL: WINCHESTER AA						Grams**		
WINCHESTER	209	"HI-SKOR" 700-X	14.5*	WIN.	WAA12SL	24	1140	6300
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	24	1190	7100
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	24	1260	8200
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	24	1325	9100
WINCHESTER	209	"HI-SKOR" 700-X	14.5*	CB.	CB1100-12	24	1135	5600
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	CB.	CB1100-12	24	1190	6300
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	CB.	CB1100-12	24	1260	7300
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	CB.	CB1100-12	24	1325	8400
WINCHESTER	209	"HI-SKOR" 700-X	14.5*	REM.	TGT12	24	1140	6000
WINCHESTER	209	"HI-SKOR" 700-X	16.0*	REM.	TGT12	24	1205	6900
WINCHESTER	209	"HI-SKOR" 700-X	17.0*	REM.	TGT12	24	1250	7600
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	REM.	TGT12	24	1320	8700
WINCHESTER	209	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	24	1140	5400
WINCHESTER	209	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	24	1195	6400
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	24	1250	7200
WINCHESTER	209	"HI-SKOR" 700-X	18.5	CB.	CB2100-12	24	1320	8600
WINCHESTER	209	"HI-SKOR" 700-X	14.5	FED.	12S0	24	1145	6600
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S0	24	1195	7300
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FED.	12S0	24	1265	8300
WINCHESTER	209	"HI-SKOR" 700-X	18.5	FED.	12S0	24	1325	9300
WINCHESTER	209	"HI-SKOR" 700-X	15.0	ACTIV	TG-30	24	1150	6200
WINCHESTER	209	"HI-SKOR" 700-X	16.0	ACTIV	TG-30	24	1205	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0	ACTIV	TG-30	24	1255	7900
WINCHESTER	209	"HI-SKOR" 700-X	18.5	ACTIV	TG-30	24	1320	8900
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FEDERAL	209A	PB	18.0	WIN.	WAA12SL	24	1160	5800
FEDERAL	209A	PB	19.0	WIN.	WAA12SL	24	1195	6200
FEDERAL	209A	PB	20.5	WIN.	WAA12SL	24	1255	6900
FEDERAL	209A	PB	22.5	WIN.	WAA12SL	24	1330	7800
FEDERAL	209A	PB	18.5	CB.	CB1100-12	24	1155	4900
FEDERAL	209A	PB	20.0	CB.	CB1100-12	24	1205	5300
FEDERAL	209A	PB	21.0	CB.	CB1100-12	24	1245	5600
FEDERAL	209A	PB	23.0	CB.	CB1100-12	24	1320	6600
FEDERAL	209A	PB	18.0*	REM.	FIG8	24	1145	5200
FEDERAL	209A	PB	19.5*	REM.	FIG8	24	1200	5800
FEDERAL	209A	PB	21.0*	REM.	FIG8	24	1255	6500
FEDERAL	209A	PB	23.0*	REM.	FIG8	24	1325	7200
FEDERAL	209A	PB	18.5	FED.	12S0	24	1150	5500
FEDERAL	209A	PB	19.5	FED.	12S0	24	1190	6000
FEDERAL	209A	PB	21.0	FED.	12S0	24	1250	6600
FEDERAL	209A	PB	23.0	FED.	12S0	24	1330	7900
FEDERAL	209A	PB	18.5	ACTIV	TG-30	24	1140	5100
FEDERAL	209A	PB	20.0	ACTIV	TG-30	24	1205	6000
FEDERAL	209A	PB	21.0	ACTIV	TG-30	24	1255	6700
FEDERAL	209A	PB	23.0	ACTIV	TG-30	24	1330	7700
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REMINGTON	209P	PB	18.5	WIN.	WINAA12SL	24	1140	4800
REMINGTON	209P	PB	20.0	WIN.	WINAA12SL	24	1195	5400
REMINGTON	209P	PB	21.5	WIN.	WINAA12SL	24	1255	6100
REMINGTON	209P	PB	23.5	WIN.	WINAA12SL	24	1335	7200
REMINGTON	209P	PB	19.5	CB.	CB1100-12	24	1155	4200
REMINGTON	209P	PB	20.5	CB.	CB1100-12	24	1195	4500
REMINGTON	209P	PB	22.0	CB.	CB1100-12	24	1250	5000
REMINGTON	209P	PB	24.5	CB.	CB1100-12	24	1330	5700
REMINGTON	209P	PB	19.5*	REM.	FIG8	24	1150	4500
REMINGTON	209P	PB	20.5*	REM.	FIG8	24	1190	5000
REMINGTON	209P	PB	22.0*	REM.	FIG8	24	1255	5800
REMINGTON	209P	PB	23.5*	REM.	FIG8	24	1320	6700
REMINGTON	209P	PB	19.5	FED.	12S0	24	1155	4900
REMINGTON	209P	PB	20.5	FED.	12S0	24	1200	5400
REMINGTON	209P	PB	22.0	FED.	12S0	24	1255	6100
REMINGTON	209P	PB	24.0	FED.	12S0	24	1325	6800
REMINGTON	209P	PB	19.5	ACTIV	TG-30	24	1150	4700
REMINGTON	209P	PB	20.5	ACTIV	TG-30	24	1190	5100
REMINGTON	209P	PB	22.0	ACTIV	TG-30	24	1255	5800
REMINGTON	209P	PB	23.5	ACTIV	TG-30	24	1320	6500
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WINCHESTER	209	PB	18.0	WIN.	WAA12SL	24	1145	5500
WINCHESTER	209	PB	19.5	WIN.	WAA12SL	24	1200	6000
WINCHESTER	209	PB	21.0	WIN.	WAA12SL	24	1260	6500
WINCHESTER	209	PB	22.5	WIN.	WAA12SL	24	1325	7500
WINCHESTER	209	PB	19.0	CB.	CB1100-12	24	1155	4500
WINCHESTER	209	PB	20.5	CB.	CB1100-12	24	1205	5000
WINCHESTER	209	PB	22.0	CB.	CB1100-12	24	1260	5600
WINCHESTER	209	PB	23.5	CB.	CB1100-12	24	1325	6300

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 24 GRAM LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: WINCHESTER AA						Grams**		
WINCHESTER	209	PB	19.0*	REM.	FIG8	24	1145	4900
WINCHESTER	209	PB	20.5*	REM.	FIG8	24	1200	5400
WINCHESTER	209	PB	22.0*	REM.	FIG8	24	1255	6100
WINCHESTER	209	PB	23.5*	REM.	FIG8	24	1320	6800
WINCHESTER	209	PB	19.0	FED.	12S0	24	1155	5200
WINCHESTER	209	PB	20.0	FED.	12S0	24	1195	5800
WINCHESTER	209	PB	21.5	FED.	12S0	24	1260	6600
WINCHESTER	209	PB	23.0	FED.	12S0	24	1325	7500
WINCHESTER	209	PB	19.0	ACTIV	TG-30	24	1135	4900
WINCHESTER	209	PB	20.5	ACTIV	TG-30	24	1205	5700
WINCHESTER	209	PB	21.5	ACTIV	TG-30	24	1250	6300
WINCHESTER	209	PB	23.5	ACTIV	TG-30	24	1330	7300
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FEDERAL	209A	SR7625	21.0	WIN.	WAA12SL	24	1150	4600
FEDERAL	209A	SR7625	22.5	WIN.	WAA12SL	24	1200	5000
FEDERAL	209A	SR7625	24.0	WIN.	WAA12SL	24	1250	5400
FEDERAL	209A	SR7625	26.0	WIN.	WAA12SL	24	1330	6400
FEDERAL	209A	SR7625	22.5	CB.	CB1100-12	24	1155	3700
FEDERAL	209A	SR7625	23.5	CB.	CB1100-12	24	1195	4000
FEDERAL	209A	SR7625	25.0	CB.	CB1100-12	24	1250	4600
FEDERAL	209A	SR7625	27.0	CB.	CB1100-12	24	1335	5500
FEDERAL	209A	SR7625	22.0*	REM.	FIG8	24	1150	4200
FEDERAL	209A	SR7625	23.0*	REM.	FIG8	24	1195	4700
FEDERAL	209A	SR7625	24.5*	REM.	FIG8	24	1255	5300
FEDERAL	209A	SR7625	26.5*	REM.	FIG8	24	1330	6200
FEDERAL	209A	SR7625	22.0	FED.	12S0	24	1150	4400
FEDERAL	209A	SR7625	23.0	FED.	12S0	24	1195	4800
FEDERAL	209A	SR7625	24.5	FED.	12S0	24	1255	5400
FEDERAL	209A	SR7625	26.0	FED.	12S0	24	1320	6400
FEDERAL	209A	SR7625	21.5	ACTIV	TG-30	24	1145	4200
FEDERAL	209A	SR7625	23.0	ACTIV	TG-30	24	1205	4900
FEDERAL	209A	SR7625	24.0	ACTIV	TG-30	24	1250	5400
FEDERAL	209A	SR7625	26.0	ACTIV	TG-30	24	1325	6400
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REMINGTON	209P	SR7625	22.5	WIN.	WAA12SL	24	1150	3700
REMINGTON	209P	SR7625	24.0	WIN.	WAA12SL	24	1210	4400
REMINGTON	209P	SR7625	25.0	WIN.	WAA12SL	24	1250	4800
REMINGTON	209P	SR7625	27.0	WIN.	WAA12SL	24	1320	5500
REMINGTON	209P	SR7625	23.5	CB.	CB1100-12	24	1145	3000
REMINGTON	209P	SR7625	25.0	CB.	CB1100-12	24	1205	3500
REMINGTON	209P	SR7625	26.5	CB.	CB1100-12	24	1265	4100
REMINGTON	209P	SR7625	28.0	CB.	CB1100-12	24	1330	4700
REMINGTON	209P	SR7625	23.0*	REM.	FIG8	24	1150	3700
REMINGTON	209P	SR7625	24.0*	REM.	FIG8	24	1195	4200
REMINGTON	209P	SR7625	25.5*	REM.	FIG8	24	1255	4800
REMINGTON	209P	SR7625	27.5*	REM.	FIG8	24	1335	5700
REMINGTON	209P	SR7625	22.5	FED.	12S0	24	1140	4000
REMINGTON	209P	SR7625	24.0	FED.	12S0	24	1190	4400
REMINGTON	209P	SR7625	25.5	FED.	12S0	24	1250	5200
REMINGTON	209P	SR7625	27.0	FED.	12S0	24	1320	6000
REMINGTON	209P	SR7625	22.5	ACTIV	TG-30	24	1150	3900
REMINGTON	209P	SR7625	23.5	ACTIV	TG-30	24	1195	4400
REMINGTON	209P	SR7625	25.0	ACTIV	TG-30	24	1250	4900
REMINGTON	209P	SR7625	27.5	ACTIV	TG-30	24	1325	5600
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WINCHESTER	209	SR7625	22.5	WIN.	WAA12SL	24	1150	4200
WINCHESTER	209	SR7625	23.5	WIN.	WAA12SL	24	1195	4700
WINCHESTER	209	SR7625	25.0	WIN.	WAA12SL	24	1255	5300
WINCHESTER	209	SR7625	27.0	WIN.	WAA12SL	24	1330	6000
WINCHESTER	209	SR7625	23.5	CB.	CB1100-12	24	1150	3500
WINCHESTER	209	SR7625	24.5	CB.	CB1100-12	24	1190	3700
WINCHESTER	209	SR7625	26.0	CB.	CB1100-12	24	1250	4300
WINCHESTER	209	SR7625	28.0	CB.	CB1100-12	24	1330	5000
WINCHESTER	209	SR7625	22.0*	REM.	FIG8	24	1155	4300
WINCHESTER	209	SR7625	23.0*	REM.	FIG8	24	1190	4600
WINCHESTER	209	SR7625	24.5*	REM.	FIG8	24	1245	5100
WINCHESTER	209	SR7625	26.5*	REM.	FIG8	24	1320	5900
WINCHESTER	209	SR7625	22.0	FED.	12S0	24	1140	4100
WINCHESTER	209	SR7625	23.5	FED.	12S0	24	1195	4700
WINCHESTER	209	SR7625	25.0	FED.	12S0	24	1255	5300
WINCHESTER	209	SR7625	27.0	FED.	12S0	24	1335	6200
WINCHESTER	209	SR7625	22.0	ACTIV	TG-30	24	1140	4200
WINCHESTER	209	SR7625	23.5	ACTIV	TG-30	24	1200	4900
WINCHESTER	209	SR7625	25.0	ACTIV	TG-30	24	1255	5500
WINCHESTER	209	SR7625	27.0	ACTIV	TG-30	24	1335	6300

*INSERT ONE 20 GA 0.135 IN CARD IN BOTTOM OF SHOTCUP

** 24 GRAM LOADS ARE 370.4 GRAINS, 7/8 OZ. EQUALS 382.8 GRAINS

12 GAUGE 2¾ INCH 1 OUNCE LOADS

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MFR.	PRIMER		IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION				
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE									
FEDERAL	209A	"HI-SKOR" 700-X	15.0*	WIN.	WAA12SL	1	1100	6000	
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	WIN.	WAA12SL	1	1150	6900	
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	WIN.	WAA12SL	1	1195	7600	
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	1	1250	8500	
FEDERAL	209A	"HI-SKOR" 700-X	15.0	CB.	CB2100-12	1	1110	6000	
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB2100-12	1	1155	6700	
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CB.	CB2100-12	1	1200	7300	
FEDERAL	209A	"HI-SKOR" 700-X	18.0	CB.	CB2100-12	1	1245	7900	
FEDERAL	209A	"HI-SKOR" 700-X	15.0*	REM.	TGT12	1	1100	5900	
FEDERAL	209A	"HI-SKOR" 700-X	16.0*	REM.	TGT12	1	1145	6500	
FEDERAL	209A	"HI-SKOR" 700-X	17.0*	REM.	TGT12	1	1190	7100	
FEDERAL	209A	"HI-SKOR" 700-X	18.5*	REM.	TGT12	1	1255	8100	
FEDERAL	209A	"HI-SKOR" 700-X	15.0	FED.	12S0	1	1110	6100	
FEDERAL	209A	"HI-SKOR" 700-X	16.0	FED.	12S0	1	1155	6700	
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S0	1	1195	7300	
FEDERAL	209A	"HI-SKOR" 700-X	18.5	FED.	12S0	1	1250	8200	
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REMINGTON	209P	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	1	1090	5800	
REMINGTON	209P	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	1	1150	6600	
REMINGTON	209P	"HI-SKOR" 700-X	17.5*	WIN.	WAA12SL	1	1195	7300	
REMINGTON	209P	"HI-SKOR" 700-X	19.0*	WIN.	WAA12SL	1	1260	8400	
REMINGTON	209P	"HI-SKOR" 700-X	15.5	CB.	CB2100-12	1	1095	5300	
REMINGTON	209P	"HI-SKOR" 700-X	16.5	CB.	CB2100-12	1	1145	5800	
REMINGTON	209P	"HI-SKOR" 700-X	18.0	CB.	CB2100-12	1	1200	6600	
REMINGTON	209P	"HI-SKOR" 700-X	19.5	CB.	CB2100-12	1	1255	7400	
REMINGTON	209P	"HI-SKOR" 700-X	16.0*	REM.	TGT12	1	1110	5700	
REMINGTON	209P	"HI-SKOR" 700-X	17.0*	REM.	TGT12	1	1155	6200	
REMINGTON	209P	"HI-SKOR" 700-X	18.0*	REM.	TGT12	1	1195	6600	
REMINGTON	209P	"HI-SKOR" 700-X	19.5*	REM.	TGT12	1	1255	7300	
REMINGTON	209P	"HI-SKOR" 700-X	15.0	FED.	12S0	1	1110	5700	
REMINGTON	209P	"HI-SKOR" 700-X	16.0	FED.	12S0	1	1145	6300	
REMINGTON	209P	"HI-SKOR" 700-X	18.0	FED.	12S0	1	1210	7300	
REMINGTON	209P	"HI-SKOR" 700-X	19.5	FED.	12S0	1	1250	8000	
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WINCHESTER	209	"HI-SKOR" 700-X	15.5*	WIN.	WAA12SL	1	1105	6000	
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	WIN.	WAA12SL	1	1150	6700	
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	WIN.	WAA12SL	1	1200	7600	
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	WIN.	WAA12SL	1	1250	8500	
WINCHESTER	209	"HI-SKOR" 700-X	15.5	CB.	CB2100-12	1	1110	5700	
WINCHESTER	209	"HI-SKOR" 700-X	16.5	CB.	CB2100-12	1	1160	6400	
WINCHESTER	209	"HI-SKOR" 700-X	17.5	CB.	CB2100-12	1	1200	7000	
WINCHESTER	209	"HI-SKOR" 700-X	19.0	CB.	CB2100-12	1	1260	8100	
WINCHESTER	209	"HI-SKOR" 700-X	15.5*	REM.	TGT12	1	1100	5900	
WINCHESTER	209	"HI-SKOR" 700-X	16.5*	REM.	TGT12	1	1145	6600	
WINCHESTER	209	"HI-SKOR" 700-X	17.5*	REM.	TGT12	1	1195	7200	
WINCHESTER	209	"HI-SKOR" 700-X	18.5*	REM.	TGT12	1	1245	7800	
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S0	1	1105	5900	
WINCHESTER	209	"HI-SKOR" 700-X	16.5	FED.	12S0	1	1155	6700	
WINCHESTER	209	"HI-SKOR" 700-X	17.5	FED.	12S0	1	1200	7300	
WINCHESTER	209	"HI-SKOR" 700-X	18.5	FED.	12S0	1	1245	7800	
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FEDERAL	209A	PB	18.0	WIN.	WAA12SL	1	1110	6000	
FEDERAL	209A	PB	19.5	WIN.	WAA12SL	1	1155	6600	
FEDERAL	209A	PB	21.0	WIN.	WAA12SL	1	1205	7100	
FEDERAL	209A	PB	22.5	WIN.	WAA12SL	1	1255	7600	
FEDERAL	209A	PB	20.0	CB.	CB1100-12	1	1100	4600	
FEDERAL	209A	PB	21.5	CB.	CB1100-12	1	1150	5100	
FEDERAL	209A	PB	23.0	CB.	CB1100-12	1	1205	5700	
FEDERAL	209A	PB	24.0	CB.	CB1100-12	1	1255	6300	
FEDERAL	209A	PB	19.5	REM.	TGT12	1	1105	5100	
FEDERAL	209A	PB	20.5	REM.	TGT12	1	1140	5500	
FEDERAL	209A	PB	22.0	REM.	TGT12	1	1195	6200	
FEDERAL	209A	PB	24.0	REM.	TGT12	1	1260	6800	
FEDERAL	209A	PB	19.5	FED.	12S3	1	1105	5400	
FEDERAL	209A	PB	20.5	FED.	12S3	1	1145	5900	
FEDERAL	209A	PB	22.0	FED.	12S3	1	1210	6700	
FEDERAL	209A	PB	23.0	FED.	12S3	1	1260	7100	
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REMINGTON	209P	PB	20.0	WIN.	WAA12SL	1	1095	4700	
REMINGTON	209P	PB	21.5	WIN.	WAA12SL	1	1155	5300	
REMINGTON	209P	PB	22.5	WIN.	WAA12SL	1	1195	5800	
REMINGTON	209P	PB	24.0	WIN.	WAA12SL	1	1260	6600	
REMINGTON	209P	PB	21.0	CB.	CB1100-12	1	1095	3800	
REMINGTON	209P	PB	22.0	CB.	CB1100-12	1	1140	4300	
REMINGTON	209P	PB	23.5	CB.	CB1100-12	1	1200	5000	
REMINGTON	209P	PB	25.0	CB.	CB1100-12	1	1255	5600	

*INSERT ONE 20 GA 0.135 IN CARD IN BOTTOM OF SHOTCUP

12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

MFR.	PRIMER		IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION				
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE									
REMINGTON	209P	PB	20.5	REM.	TGT12	1	1090	4300	
REMINGTON	209P	PB	22.0	REM.	TGT12	1	1160	5200	
REMINGTON	209P	PB	23.0	REM.	TGT12	1	1205	5700	
REMINGTON	209P	PB	24.0	REM.	TGT12	1	1250	6300	
REMINGTON	209P	PB	20.0	FED.	12S3	1	1105	5200	
REMINGTON	209P	PB	21.0	FED.	12S3	1	1150	5700	
REMINGTON	209P	PB	22.5	FED.	12S3	1	1210	6600	
REMINGTON	209P	PB	23.5	FED.	12S3	1	1250	7200	
WINCHESTER	209	PB	19.5	WIN.	WAA12SL	1	1090	4900	
WINCHESTER	209	PB	21.0	WIN.	WAA12SL	1	1150	5400	
WINCHESTER	209	PB	22.5	WIN.	WAA12SL	1	1205	6000	
WINCHESTER	209	PB	24.0	WIN.	WAA12SL	1	1265	6700	
WINCHESTER	209	PB	20.5	CB.	CB1100-12	1	1100	4300	
WINCHESTER	209	PB	21.5	CB.	CB1100-12	1	1145	4800	
WINCHESTER	209	PB	23.0	CB.	CB1100-12	1	1205	5400	
WINCHESTER	209	PB	24.5	CB.	CB1100-12	1	1260	6100	
WINCHESTER	209	PB	20.0	REM.	TGT12	1	1110	5300	
WINCHESTER	209	PB	21.0	REM.	TGT12	1	1155	5900	
WINCHESTER	209	PB	22.0	REM.	TGT12	1	1205	6500	
WINCHESTER	209	PB	23.5	REM.	TGT12	1	1255	7000	
WINCHESTER	209	PB	19.5	FED.	12S3	1	1105	5100	
WINCHESTER	209	PB	21.0	FED.	12S3	1	1155	5800	
WINCHESTER	209	PB	22.5	FED.	12S3	1	1210	6500	
WINCHESTER	209	PB	23.5	FED.	12S3	1	1250	6900	
FEDERAL	209A	SR7625	22.5	WIN.	WAA12SL	1	1105	4600	
FEDERAL	209A	SR7625	23.5	WIN.	WAA12SL	1	1160	5200	
FEDERAL	209A	SR7625	24.5	WIN.	WAA12SL	1	1210	5900	
FEDERAL	209A	SR7625	25.5	WIN.	WAA12SL	1	1265	6600	
FEDERAL	209A	SR7625	22.5	CB.	CB2100-12	1	1090	4200	
FEDERAL	209A	SR7625	23.5	CB.	CB2100-12	1	1140	4700	
FEDERAL	209A	SR7625	25.0	CB.	CB2100-12	1	1200	5300	
FEDERAL	209A	SR7625	26.0	CB.	CB2100-12	1	1250	5800	
FEDERAL	209A	SR7625	22.0	REM.	TGT12	1	1100	4200	
FEDERAL	209A	SR7625	23.0	REM.	TGT12	1	1145	4800	
FEDERAL	209A	SR7625	24.0	REM.	TGT12	1	1190	5500	
FEDERAL	209A	SR7625	25.5	REM.	TGT12	1	1250	6200	
FEDERAL	209A	SR7625	22.0	FED.	12S3	1	1090	4500	
FEDERAL	209A	SR7625	23.5	FED.	12S3	1	1160	5400	
FEDERAL	209A	SR7625	24.5	FED.	12S3	1	1210	6000	
FEDERAL	209A	SR7625	25.5	FED.	12S3	1	1255	6600	
WINCHESTER	209	SR7625	22.5	WIN.	WAA12SL	1	1105	4600	
WINCHESTER	209	SR7625	23.5	WIN.	WAA12SL	1	1150	4900	
WINCHESTER	209	SR7625	25.0	WIN.	WAA12SL	1	1210	5300	
WINCHESTER	209	SR7625	26.0	WIN.	WAA12SL	1	1250	5600	
WINCHESTER	209	SR7625	22.0	CB.	CB2100-12	1	1095	4300	
WINCHESTER	209	SR7625	23.5	CB.	CB2100-12	1	1145	4600	
WINCHESTER	209	SR7625	25.0	CB.	CB2100-12	1	1195	4900	
WINCHESTER	209	SR7625	26.5	CB.	CB2100-12	1	1245	5200	
WINCHESTER	209	SR7625	22.5	REM.	TGT12	1	1105	4300	
WINCHESTER	209	SR7625	23.5	REM.	TGT12	1	1145	4700	
WINCHESTER	209	SR7625	25.0	REM.	TGT12	1	1205	5400	
WINCHESTER	209	SR7625	26.0	REM.	TGT12	1	1245	5900	
WINCHESTER	209	SR7625	21.5	FED.	12S3	1	1110	4700	
WINCHESTER	209	SR7625	22.5	FED.	12S3	1	1150	5200	
WINCHESTER	209	SR7625	24.0	FED.	12S3	1	1210	5900	
WINCHESTER	209	SR7625	25.5	FED.	12S3	1	1255	6600	
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27									
FEDERAL	209A	"HI-SKOR" 700-X	14.5	WIN.	WAA12SL	1	1105	7700	
FEDERAL	209A	"HI-SKOR" 700-X	15.5	WIN.	WAA12SL	1	1150	8600	
FEDERAL	209A	"HI-SKOR" 700-X	16.5	WIN.	WAA12SL	1	1200	9500	
FEDERAL	209A	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	1	1260	10800	
FEDERAL	209A	"HI-SKOR" 700-X	14.5	CB.	CB1100-12	1	1090	6600	
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	1	1160	7900	
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	1	1205	8700	
FEDERAL	209A	"HI-SKOR" 700-X	18.0	CB.	CB1100-12	1	1250	9600	
FEDERAL	209A	"HI-SKOR" 700-X	14.5	REM.	TGT12	1	1100	7200	

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

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12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
FEDERAL	209A	"HI-SKOR" 700-X	15.5	REM.	TGT12	1	1150	8100
FEDERAL	209A	"HI-SKOR" 700-X	16.5	REM.	TGT12	1	1205	9100
FEDERAL	209A	"HI-SKOR" 700-X	17.5	REM.	TGT12	1	1245	10000
FEDERAL	209A	"HI-SKOR" 700-X	14.5	FED.	12S3	1	1095	8000
FEDERAL	209A	"HI-SKOR" 700-X	15.5	FED.	12S3	1	1140	8900
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S3	1	1210	10300
FEDERAL	209A	"HI-SKOR" 700-X	18.0	FED.	12S3	1	1250	11200
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REMINGTON	209P	"HI-SKOR" 700-X	14.5	WIN.	WAA12SL	1	1100	7300
REMINGTON	209P	"HI-SKOR" 700-X	15.5	WIN.	WAA12SL	1	1145	8100
REMINGTON	209P	"HI-SKOR" 700-X	16.5	WIN.	WAA12SL	1	1195	9000
REMINGTON	209P	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	1	1255	10500
REMINGTON	209P	"HI-SKOR" 700-X	15.0	CB.	CB1100-12	1	1105	6500
REMINGTON	209P	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	1	1150	7200
REMINGTON	209P	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	1	1195	8000
REMINGTON	209P	"HI-SKOR" 700-X	18.5	CB.	CB1100-12	1	1260	9400
REMINGTON	209P	"HI-SKOR" 700-X	14.5	REM.	TGT12	1	1090	6600
REMINGTON	209P	"HI-SKOR" 700-X	15.5	REM.	TGT12	1	1140	7500
REMINGTON	209P	"HI-SKOR" 700-X	16.5	REM.	TGT12	1	1190	8400
REMINGTON	209P	"HI-SKOR" 700-X	18.0	REM.	TGT12	1	1250	9500
REMINGTON	209P	"HI-SKOR" 700-X	14.5	FED.	12S3	1	1090	7400
REMINGTON	209P	"HI-SKOR" 700-X	15.5	FED.	12S3	1	1140	8300
REMINGTON	209P	"HI-SKOR" 700-X	17.0	FED.	12S3	1	1205	9700
REMINGTON	209P	"HI-SKOR" 700-X	18.0	FED.	12S3	1	1250	10600
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WINCHESTER	209	"HI-SKOR" 700-X	15.0	WIN.	WAA12SL	1	1110	7400
WINCHESTER	209	"HI-SKOR" 700-X	16.0	WIN.	WAA12SL	1	1160	8300
WINCHESTER	209	"HI-SKOR" 700-X	17.0	WIN.	WAA12SL	1	1205	9300
WINCHESTER	209	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	1	1250	10300
WINCHESTER	209	"HI-SKOR" 700-X	15.0	CB.	CB1100-12	1	1095	6300
WINCHESTER	209	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	1	1150	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	1	1195	8200
WINCHESTER	209	"HI-SKOR" 700-X	18.0	CB.	CB1100-12	1	1240	9200
WINCHESTER	209	"HI-SKOR" 700-X	15.0	REM.	TGT12	1	1110	7300
WINCHESTER	209	"HI-SKOR" 700-X	15.5	REM.	TGT12	1	1140	7700
WINCHESTER	209	"HI-SKOR" 700-X	16.5	REM.	TGT12	1	1195	8700
WINCHESTER	209	"HI-SKOR" 700-X	18.0	REM.	TGT12	1	1255	9800
WINCHESTER	209	"HI-SKOR" 700-X	14.5	FED.	12S3	1	1090	7800
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S3	1	1135	8700
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FED.	12S3	1	1210	10100
WINCHESTER	209	"HI-SKOR" 700-X	18.0	FED.	12S3	1	1255	11100
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FEDERAL	209A	PB	18.0	WIN.	WAA12SL	1	1115	7000
FEDERAL	209A	PB	19.0	WIN.	WAA12SL	1	1150	7500
FEDERAL	209A	PB	20.5	WIN.	WAA12SL	1	1200	8200
FEDERAL	209A	PB	22.0	WIN.	WAA12SL	1	1255	8900
FEDERAL	209A	PB	18.5	CB.	CB1100-12	1	1095	5700
FEDERAL	209A	PB	20.0	CB.	CB1100-12	1	1155	6600
FEDERAL	209A	PB	21.0	CB.	CB1100-12	1	1195	7200
FEDERAL	209A	PB	22.5	CB.	CB1100-12	1	1255	8000
FEDERAL	209A	PB	18.5	REM.	TGT12	1	1105	6200
FEDERAL	209A	PB	19.5	REM.	TGT12	1	1145	6700
FEDERAL	209A	PB	21.0	REM.	TGT12	1	1200	7400
FEDERAL	209A	PB	22.5	REM.	TGT12	1	1255	8200
FEDERAL	209A	PB	18.0	FED.	12S3	1	1100	6500
FEDERAL	209A	PB	19.0	FED.	12S3	1	1140	7200
FEDERAL	209A	PB	20.5	FED.	12S3	1	1200	8300
FEDERAL	209A	PB	22.0	FED.	12S3	1	1260	9300
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REMINGTON	209P	PB	18.0	WIN.	WAA12SL	1	1095	6500
REMINGTON	209P	PB	19.5	WIN.	WAA12SL	1	1150	7200
REMINGTON	209P	PB	20.5	WIN.	WAA12SL	1	1190	7700
REMINGTON	209P	PB	22.5	WIN.	WAA12SL	1	1265	8700
REMINGTON	209P	PB	19.5	CB.	CB1100-12	1	1100	5100
REMINGTON	209P	PB	20.5	CB.	CB1100-12	1	1150	5700
REMINGTON	209P	PB	21.5	CB.	CB1100-12	1	1190	6200
REMINGTON	209P	PB	23.0	CB.	CB1100-12	1	1250	7200
REMINGTON	209P	PB	19.0	REM.	TGT12	1	1110	5700
REMINGTON	209P	PB	20.0	REM.	TGT12	1	1150	6300
REMINGTON	209P	PB	21.5	REM.	TGT12	1	1210	7100
REMINGTON	209P	PB	22.5	REM.	TGT12	1	1250	7600
REMINGTON	209P	PB	18.5	FED.	12S3	1	1095	6100
REMINGTON	209P	PB	20.0	FED.	12S3	1	1155	7100
REMINGTON	209P	PB	21.0	FED.	12S3	1	1200	7800
REMINGTON	209P	PB	22.5	FED.	12S3	1	1260	8500

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
WINCHESTER	209	PB	18.5	WIN.	WAA12	1	1100	5900
WINCHESTER	209	PB	19.5	WIN.	WAA12	1	1140	6500
WINCHESTER	209	PB	21.0	WIN.	WAA12	1	1195	7300
WINCHESTER	209	PB	22.5	WIN.	WAA12	1	1255	8100
WINCHESTER	209	PB	19.5	CB.	CB1100-12	1	1105	5400
WINCHESTER	209	PB	20.5	CB.	CB1100-12	1	1150	5900
WINCHESTER	209	PB	21.5	CB.	CB1100-12	1	1195	6400
WINCHESTER	209	PB	23.0	CB.	CB1100-12	1	1250	7100
WINCHESTER	209	PB	19.0	REM.	TGT12	1	1100	5700
WINCHESTER	209	PB	20.0	REM.	TGT12	1	1145	6300
WINCHESTER	209	PB	21.0	REM.	TGT12	1	1190	6800
WINCHESTER	209	PB	22.5	REM.	TGT12	1	1255	7700
WINCHESTER	209	PB	19.0	FED.	12S3	1	1110	6300
WINCHESTER	209	PB	20.0	FED.	12S3	1	1150	7000
WINCHESTER	209	PB	21.0	FED.	12S3	1	1195	7700
WINCHESTER	209	PB	22.5	FED.	12S3	1	1255	8700
FEDERAL	209A	SR7625	19.0	WIN.	WAA12SL	1	1095	4200
FEDERAL	209A	SR7625	20.5	WIN.	WAA12SL	1	1150	5700
FEDERAL	209A	SR7625	22.0	WIN.	WAA12SL	1	1205	7200
FEDERAL	209A	SR7625	23.5	WIN.	WAA12SL	1	1260	8500
FEDERAL	209A	SR7625	20.5	CB.	CB1100-12	1	1090	5000
FEDERAL	209A	SR7625	22.0	CB.	CB1100-12	1	1150	5900
FEDERAL	209A	SR7625	23.0	CB.	CB1100-12	1	1195	6500
FEDERAL	209A	SR7625	24.5	CB.	CB1100-12	1	1255	7400
FEDERAL	209A	SR7625	20.5	REM.	TGT12	1	1095	5300
FEDERAL	209A	SR7625	22.0	REM.	TGT12	1	1160	6300
FEDERAL	209A	SR7625	23.0	REM.	TGT12	1	1200	6900
FEDERAL	209A	SR7625	24.0	REM.	TGT12	1	1245	7400
FEDERAL	209A	SR7625	20.0	FED.	12S3	1	1095	6100
FEDERAL	209A	SR7625	21.0	FED.	12S3	1	1140	6700
FEDERAL	209A	SR7625	22.5	FED.	12S3	1	1205	7600
FEDERAL	209A	SR7625	23.5	FED.	12S3	1	1250	8300
REMINGTON	209P	SR7625	21.0	WIN.	WAA12SL	1	1100	5800
REMINGTON	209P	SR7625	22.0	WIN.	WAA12SL	1	1150	6200
REMINGTON	209P	SR7625	23.0	WIN.	WAA12SL	1	1195	6800
REMINGTON	209P	SR7625	24.5	WIN.	WAA12SL	1	1260	8100
REMINGTON	209P	SR7625	22.0	CB.	CB1100-12	1	1110	4700
REMINGTON	209P	SR7625	23.0	CB.	CB1100-12	1	1155	5100
REMINGTON	209P	SR7625	24.0	CB.	CB1100-12	1	1200	5500
REMINGTON	209P	SR7625	25.0	CB.	CB1100-12	1	1250	5900
REMINGTON	209P	SR7625	21.5	REM.	TGT12	1	1110	5100
REMINGTON	209P	SR7625	22.5	REM.	TGT12	1	1155	5700
REMINGTON	209P	SR7625	23.5	REM.	TGT12	1	1195	6200
REMINGTON	209P	SR7625	25.0	REM.	TGT12	1	1255	7000
REMINGTON	209P	SR7625	20.0	FED.	12S3	1	1105	6000
REMINGTON	209P	SR7625	21.0	FED.	12S3	1	1140	6300
REMINGTON	209P	SR7625	22.5	FED.	12S3	1	1190	6900
REMINGTON	209P	SR7625	24.0	FED.	12S3	1	1260	7800
WINCHESTER	209	SR7625	20.0	WIN.	WAA12SL	1	1105	5700
WINCHESTER	209	SR7625	21.5	WIN.	WAA12SL	1	1150	6100
WINCHESTER	209	SR7625	23.0	WIN.	WAA12SL	1	1200	6700
WINCHESTER	209	SR7625	24.0	WIN.	WAA12SL	1	1250	7200
WINCHESTER	209	SR7625	21.0	CB.	CB1100-12	1	1090	4600
WINCHESTER	209	SR7625	22.5	CB.	CB1100-12	1	1150	5100
WINCHESTER	209	SR7625	24.0	CB.	CB1100-12	1	1195	5500
WINCHESTER	209	SR7625	25.5	CB.	CB1100-12	1	1250	5900
WINCHESTER	209	SR7625	21.0	REM.	TGT12	1	1105	5300
WINCHESTER	209	SR7625	22.0	REM.	TGT12	1	1145	5700
WINCHESTER	209	SR7625	23.0	REM.	TGT12	1	1190	6300
WINCHESTER	209	SR7625	24.5	REM.	TGT12	1	1260	7100
WINCHESTER	209	SR7625	21.0	FED.	12S3	1	1100	5300
WINCHESTER	209	SR7625	22.0	FED.	12S3	1	1145	6000
WINCHESTER	209	SR7625	23.0	FED.	12S3	1	1195	6800
WINCHESTER	209	SR7625	24.0	FED.	12S3	1	1250	7900
SHELL: REMINGTON GUN CLUB								
CHEDDITE	209	HI-SKOR 700X	16.0	REM.	TGT12	1	1183	8800
CHEDDITE	209	HI-SKOR 700X	17.5	REM.	TGT12	1	1237	9500
CHEDDITE	209	HI-SKOR 700X	16.0	WIN.	12SL	1	1183	9400
CHEDDITE	209	HI-SKOR 700X	17.0	WIN.	12SL	1	1234	10200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON GUN CLUB								
REMINGTON	STS	HI-SKOR 700X	16.0	REM.	TGT12	1	1181	8300
REMINGTON	STS	HI-SKOR 700X	17.0	REM.	TGT12	1	1235	9400
REMINGTON	STS	HI-SKOR 700X	16.0	WIN.	12SL	1	1184	9100
REMINGTON	STS	HI-SKOR 700X	17.0	WIN.	12SL	1	1237	10300
WINCHESTER	209	HI-SKOR 700X	16.0	REM.	TGT12	1	1180	9100
WINCHESTER	209	HI-SKOR 700X	17.5	REM.	TGT12	1	1237	9600
WINCHESTER	209	HI-SKOR 700X	16.0	WIN.	12SL	1	1184	8700
WINCHESTER	209	HI-SKOR 700X	17.5	WIN.	12SL	1	1234	10000
SHELL: WINCHESTER AA								
FEDERAL	209A	"HI-SKOR" 700-X	15.0	WIN.	WAA12SL	1	1110	7300
FEDERAL	209A	"HI-SKOR" 700X	16.0	WIN.	WAA12SL	1	1155	8000
FEDERAL	209A	"HI-SKOR" 700-X	17.0	WIN.	WAA12SL	1	1195	8700
FEDERAL	209A	"HI-SKOR" 700-X	18.5	WIN.	WAA12SL	1	1255	9700
FEDERAL	209A	"HI-SKOR" 700-X	15.0	CB.	CB1100-12	1	1100	6300
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	1	1145	7000
FEDERAL	209A	"HI-SKOR" 700-X	17.5	CB.	CB1100-12	1	1205	8000
FEDERAL	209A	"HI-SKOR" 700-X	18.5	CB.	CB1100-12	1	1250	8700
FEDERAL	209A	"HI-SKOR" 700-X	15.0	REM.	TGT12	1	1110	6900
FEDERAL	209A	"HI-SKOR" 700-X	16.0	REM.	TGT12	1	1155	7500
FEDERAL	209A	"HI-SKOR" 700-X	17.0	REM.	TGT12	1	1195	8200
FEDERAL	209A	"HI-SKOR" 700-X	18.5	REM.	TGT12	1	1260	9400
FEDERAL	209A	"HI-SKOR" 700-X	14.5	FED.	12S3	1	1090	7900
FEDERAL	209A	"HI-SKOR" 700-X	15.5	FED.	12S3	1	1140	8700
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S3	1	1210	9900
FEDERAL	209A	"HI-SKOR" 700-X	18.0	FED.	12S3	1	1250	10700
REMINGTON	209P	"HI-SKOR" 700-X	15.0	WIN.	WAA12SL	1	1095	6400
REMINGTON	209P	"HI-SKOR" 700-X	16.5	WIN.	WAA12SL	1	1155	7000
REMINGTON	209P	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	1	1210	7600
REMINGTON	209P	"HI-SKOR" 700-X	19.0	WIN.	WAA12SL	1	1245	8000
REMINGTON	209P	"HI-SKOR" 700-X	16.0	CB.	CB1100-12	1	1110	5000
REMINGTON	209P	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	1	1150	5600
REMINGTON	209P	"HI-SKOR" 700-X	18.0	CB.	CB1100-12	1	1190	6100
REMINGTON	209P	"HI-SKOR" 700-X	19.5	CB.	CB1100-12	1	1250	7000
REMINGTON	209P	"HI-SKOR" 700-X	15.5	REM.	TGT12	1	1105	5800
REMINGTON	209P	"HI-SKOR" 700-X	16.5	REM.	TGT12	1	1140	6200
REMINGTON	209P	"HI-SKOR" 700-X	18.0	REM.	TGT12	1	1205	7100
REMINGTON	209P	"HI-SKOR" 700-X	19.0	REM.	TGT12	1	1250	7700
REMINGTON	209P	"HI-SKOR" 700-X	15.0	FED.	12S3	1	1105	7100
REMINGTON	209P	"HI-SKOR" 700-X	16.5	FED.	12S3	1	1160	7900
REMINGTON	209P	"HI-SKOR" 700-X	17.5	FED.	12S3	1	1200	8600
REMINGTON	209P	"HI-SKOR" 700-X	18.5	FED.	12S3	1	1250	9300
WINCHESTER	209	"HI-SKOR" 700-X	14.5	WIN.	WAA12SL	1	1105	7500
WINCHESTER	209	"HI-SKOR" 700-X	15.5	WIN.	WAA12SL	1	1145	8200
WINCHESTER	209	"HI-SKOR" 700-X	16.5	WIN.	WAA12SL	1	1195	9000
WINCHESTER	209	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	1	1250	10100
WINCHESTER	209	"HI-SKOR" 700-X	14.5	CB.	CB1100-12	1	1090	6500
WINCHESTER	209	"HI-SKOR" 700-X	15.5	CB.	CB1100-12	1	1140	7400
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB1100-12	1	1205	8500
WINCHESTER	209	"HI-SKOR" 700-X	18.0	CB.	CB1100-12	1	1245	9300
WINCHESTER	209	"HI-SKOR" 700-X	14.5	REM.	TGT12	1	1095	6700
WINCHESTER	209	"HI-SKOR" 700-X	15.5	REM.	TGT12	1	1140	7400
WINCHESTER	209	"HI-SKOR" 700-X	16.5	REM.	TGT12	1	1190	8200
WINCHESTER	209	"HI-SKOR" 700-X	18.0	REM.	TGT12	1	1250	9400
WINCHESTER	209	"HI-SKOR" 700-X	14.5	FED.	12S3	1	1100	8200
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S3	1	1140	8800
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FED.	12S3	1	1205	9700
WINCHESTER	209	"HI-SKOR" 700-X	18.0	FED.	12S3	1	1250	10500
FEDERAL	209A	PB	18.5	WIN.	WAA12	1	1110	6200
FEDERAL	209A	PB	19.5	WIN.	WAA12	1	1150	6900
FEDERAL	209A	PB	21.0	WIN.	WAA12	1	1210	7900
FEDERAL	209A	PB	22.5	WIN.	WAA12	1	1260	8600
FEDERAL	209A	PB	18.5	CB.	CB1100-12	1	1095	5200
FEDERAL	209A	PB	20.0	CB.	CB1100-12	1	1145	5800
FEDERAL	209A	PB	21.5	CB.	CB1100-12	1	1200	6400
FEDERAL	209A	PB	23.0	CB.	CB1100-12	1	1260	7200
FEDERAL	209A	PB	18.5	REM.	FIG8	1	1095	5300
FEDERAL	209A	PB	20.0	REM.	FIG8	1	1150	6100
FEDERAL	209A	PB	21.0	REM.	FIG8	1	1190	6600
FEDERAL	209A	PB	22.5	REM.	FIG8	1	1250	7400

12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: WINCHESTER AA								
FEDERAL	209A	PB	18.0	FED.	12S3	1	1095	6100
FEDERAL	209A	PB	19.5	FED.	12S3	1	1155	7200
FEDERAL	209A	PB	20.5	FED.	12S3	1	1195	7900
FEDERAL	209A	PB	22.0	FED.	12S3	1	1255	8900
REMINGTON	209P	PB	19.0	WIN.	WAA12	1	1110	5700
REMINGTON	209P	PB	20.0	WIN.	WAA12	1	1145	6200
REMINGTON	209P	PB	21.5	WIN.	WAA12	1	1205	7100
REMINGTON	209P	PB	22.5	WIN.	WAA12	1	1250	7700
REMINGTON	209P	PB	19.0	CB.	CB1100-12	1	1100	4600
REMINGTON	209P	PB	20.5	CB.	CB1100-12	1	1150	5100
REMINGTON	209P	PB	22.0	CB.	CB1100-12	1	1200	5700
REMINGTON	209P	PB	23.5	CB.	CB1100-12	1	1260	6500
REMINGTON	209P	PB	19.0	REM.	FIG8	1	1085	4500
REMINGTON	209P	PB	21.0	REM.	FIG8	1	1150	5300
REMINGTON	209P	PB	22.0	REM.	FIG8	1	1190	5700
REMINGTON	209P	PB	23.5	REM.	FIG8	1	1255	6700
REMINGTON	209P	PB	19.0	FED.	12S3	1	1095	5100
REMINGTON	209P	PB	20.5	FED.	12S3	1	1150	6000
REMINGTON	209P	PB	22.0	FED.	12S3	1	1205	6900
REMINGTON	209P	PB	23.5	FED.	12S3	1	1260	7600
WINCHESTER	209	PB	18.5	WIN.	WAA12	1	1105	5900
WINCHESTER	209	PB	20.0	WIN.	WAA12	1	1150	6500
WINCHESTER	209	PB	21.5	WIN.	WAA12	1	1200	7100
WINCHESTER	209	PB	23.0	WIN.	WAA12	1	1260	7900
WINCHESTER	209	PB	19.0	CB.	CB1100-12	1	1110	5100
WINCHESTER	209	PB	20.5	CB.	CB1100-12	1	1140	5600
WINCHESTER	209	PB	22.0	CB.	CB1100-12	1	1190	6100
WINCHESTER	209	PB	23.5	CB.	CB1100-12	1	1255	6600
WINCHESTER	209	PB	18.0	REM.	TGT12	1	1095	4800
WINCHESTER	209	PB	19.5	REM.	TGT12	1	1140	5600
WINCHESTER	209	PB	21.5	REM.	TGT12	1	1200	6700
WINCHESTER	209	PB	23.0	REM.	TGT12	1	1260	7500
WINCHESTER	209	PB	19.0	REM.	FIG8	1	1100	5400
WINCHESTER	209	PB	20.0	REM.	FIG8	1	1140	5800
WINCHESTER	209	PB	21.5	REM.	FIG8	1	1195	6500
WINCHESTER	209	PB	23.0	REM.	FIG8	1	1255	7200
WINCHESTER	209	PB	19.0	FED.	12S3	1	1105	5900
WINCHESTER	209	PB	20.5	FED.	12S3	1	1160	6800
WINCHESTER	209	PB	21.5	FED.	12S3	1	1200	7400
WINCHESTER	209	PB	23.0	FED.	12S3	1	1250	8100
FEDERAL	209A	SR7625	20.0	WIN.	WAA12	1	1095	6000
FEDERAL	209A	SR7625	21.5	WIN.	WAA12	1	1145	6300
FEDERAL	209A	SR7625	23.5	WIN.	WAA12	1	1205	6900
FEDERAL	209A	SR7625	25.0	WIN.	WAA12	1	1260	7400
FEDERAL	209A	SR7625	21.0	CB.	CB1118-12	1	1100	4600
FEDERAL	209A	SR7625	22.0	CB.	CB1118-12	1	1145	5200
FEDERAL	209A	SR7625	23.5	CB.	CB1118-12	1	1210	6200
FEDERAL	209A	SR7625	24.5	CB.	CB1118-12	1	1250	6700
FEDERAL	209A	SR7625	21.5	REM.	RXP12	1	1110	5000
FEDERAL	209A	SR7625	22.5	REM.	RXP12	1	1150	5400
FEDERAL	209A	SR7625	23.5	REM.	RXP12	1	1190	5900
FEDERAL	209A	SR7625	25.0	REM.	RXP12	1	1250	6700
FEDERAL	209A	SR7625	20.5	FED.	12S3	1	1110	5400
FEDERAL	209A	SR7625	21.5	FED.	12S3	1	1145	5900
FEDERAL	209A	SR7625	23.0	FED.	12S3	1	1200	6600
FEDERAL	209A	SR7625	24.5	FED.	12S3	1	1255	7300
REMINGTON	209P	SR7625	21.5	WIN.	WAA12	1	1105	5000
REMINGTON	209P	SR7625	22.5	WIN.	WAA12	1	1150	5700
REMINGTON	209P	SR7625	23.5	WIN.	WAA12	1	1195	6200
REMINGTON	209P	SR7625	25.0	WIN.	WAA12	1	1255	7100
REMINGTON	209P	SR7625	22.5	CB.	CB1118-12	1	1110	4400
REMINGTON	209P	SR7625	23.5	CB.	CB1118-12	1	1145	4700
REMINGTON	209P	SR7625	24.5	CB.	CB1118-12	1	1190	5300
REMINGTON	209P	SR7625	26.0	CB.	CB1118-12	1	1265	6300

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

Downloading, printing and use of the information on this page signifies acceptance of and compliance with all IMR Handloader's Guide cautions and safety recommendations.

12 GAUGE 2¾ INCH 1 OUNCE LOADS (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: WINCHESTER AA								
REMINGTON	209P	SR7625	22.5	REM.	RXP12	1	1100	4200
REMINGTON	209P	SR7625	23.5	REM.	RXP12	1	1145	4700
REMINGTON	209P	SR7625	24.5	REM.	RXP12	1	1190	5200
REMINGTON	209P	SR7625	25.5	REM.	RXP12	1	1245	6000
REMINGTON	209P	SR7625	22.0	FED.	12S3	1	1095	4500
REMINGTON	209P	SR7625	23.5	FED.	12S3	1	1160	5300
REMINGTON	209P	SR7625	24.5	FED.	12S3	1	1210	6000
REMINGTON	209P	SR7625	25.5	FED.	12S3	1	1265	6900
WINCHESTER	209	SR7625	21.5	WIN.	WAA12	1	1095	4900
WINCHESTER	209	SR7625	23.0	WIN.	WAA12	1	1150	5500
WINCHESTER	209	SR7625	24.0	WIN.	WAA12	1	1190	5800
WINCHESTER	209	SR7625	25.5	WIN.	WAA12	1	1255	6600
WINCHESTER	209	SR7625	22.0	CB.	CB1118-12	1	1095	4500
WINCHESTER	209	SR7625	23.5	CB.	CB1118-12	1	1150	5100
WINCHESTER	209	SR7625	25.0	CB.	CB1118-12	1	1210	5800
WINCHESTER	209	SR7625	26.0	CB.	CB1118-12	1	1250	6200
WINCHESTER	209	SR7625	22.0	REM.	RXP12	1	1095	4600
WINCHESTER	209	SR7625	23.5	REM.	RXP12	1	1140	5000
WINCHESTER	209	SR7625	25.0	REM.	RXP12	1	1200	5700
WINCHESTER	209	SR7625	26.0	REM.	RXP12	1	1245	6200
WINCHESTER	209	SR7625	22.0	FED.	12S3	1	1105	5300
WINCHESTER	209	SR7625	23.0	FED.	12S3	1	1155	5900
WINCHESTER	209	SR7625	24.0	FED.	12S3	1	1205	6500
WINCHESTER	209	SR7625	25.0	FED.	12S3	1	1250	7100

12 GAUGE 2¾ INCH 1 1/8 OUNCE LOADS

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
FEDERAL	209A	"HI-SKOR" 700-X	16.0	WIN.	WAA12SL	11/8	1110	7900
FEDERAL	209A	"HI-SKOR" 700-X	17.0	WIN.	WAA12SL	11/8	1150	8700
FEDERAL	209A	"HI-SKOR" 700-X	18.0	WIN.	WAA12SL	11/8	1190	9500
FEDERAL	209A	"HI-SKOR" 700-X	19.5	WIN.	WAA12SL	11/8	1250	10600
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB2118-12	11/8	1110	7900
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CB.	CB2118-12	11/8	1155	8600
FEDERAL	209A	"HI-SKOR" 700-X	18.0	CB.	CB2118-12	11/8	1195	9500
FEDERAL	209A	"HI-SKOR" 700-X	19.5	CB.	CB2118-12	11/8	1260	10800
FEDERAL	209A	"HI-SKOR" 700-X	16.0	REM.	TGT12	11/8	1100	7400
FEDERAL	209A	"HI-SKOR" 700-X	17.0	REM.	TGT12	11/8	1145	8200
FEDERAL	209A	"HI-SKOR" 700-X	18.0	REM.	TGT12	11/8	1190	9100
FEDERAL	209A	"HI-SKOR" 700-X	19.5	REM.	TGT12	11/8	1250	10500
FEDERAL	209A	"HI-SKOR" 700-X	16.0	FED.	12S3	11/8	1105	7900
FEDERAL	209A	"HI-SKOR" 700-X	17.0	FED.	12S3	11/8	1145	8600
FEDERAL	209A	"HI-SKOR" 700-X	18.5	FED.	12S3	11/8	1205	9500
FEDERAL	209A	"HI-SKOR" 700-X	20.0	FED.	12S3	11/8	1260	10400
REMINGTON	209P	"HI-SKOR" 700-X	16.5	WIN.	WAA12SL	11/8	1110	7500
REMINGTON	209P	"HI-SKOR" 700-X	17.5	WIN.	WAA12SL	11/8	1155	8200
REMINGTON	209P	"HI-SKOR" 700-X	18.5	WIN.	WAA12SL	11/8	1195	8700
REMINGTON	209P	"HI-SKOR" 700-X	20.0	WIN.	WAA12SL	11/8	1255	9500
REMINGTON	209P	"HI-SKOR" 700-X	16.0	CB.	CB2118-12	11/8	1095	7200
REMINGTON	209P	"HI-SKOR" 700-X	17.0	CB.	CB2118-12	11/8	1140	7900
REMINGTON	209P	"HI-SKOR" 700-X	18.5	CB.	CB2118-12	11/8	1195	8700
REMINGTON	209P	"HI-SKOR" 700-X	20.0	CB.	CB2118-12	11/8	1250	9600
REMINGTON	209P	"HI-SKOR" 700-X	16.0	REM.	TGT12	11/8	1090	6900
REMINGTON	209P	"HI-SKOR" 700-X	17.5	REM.	TGT12	11/8	1150	7800
REMINGTON	209P	"HI-SKOR" 700-X	18.5	REM.	TGT12	11/8	1190	8500
REMINGTON	209P	"HI-SKOR" 700-X	20.0	REM.	TGT12	11/8	1250	9500
REMINGTON	209P	"HI-SKOR" 700-X	16.0	FED.	12S3	11/8	1095	7500
REMINGTON	209P	"HI-SKOR" 700-X	17.5	FED.	12S3	11/8	1155	8300
REMINGTON	209P	"HI-SKOR" 700-X	18.5	FED.	12S3	11/8	1190	8900
REMINGTON	209P	"HI-SKOR" 700-X	20.0	FED.	12S3	11/8	1250	9800
WINCHESTER	209	"HI-SKOR" 700-X	16.0	WIN.	WAA12SL	11/8	1100	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0	WIN.	WAA12SL	11/8	1145	7900
WINCHESTER	209	"HI-SKOR" 700-X	18.5	WIN.	WAA12SL	11/8	1205	9100
WINCHESTER	209	"HI-SKOR" 700-X	19.5	WIN.	WAA12SL	11/8	1245	9900
WINCHESTER	209	"HI-SKOR" 700-X	16.0	CB.	CB2118-12	11/8	1100	7200
WINCHESTER	209	"HI-SKOR" 700-X	17.0	CB.	CB2118-12	11/8	1145	7900

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
		DESIGNATION	GRAINS	MFR.	DESIGNATION			
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
WINCHESTER	209	"HI-SKOR" 700-X	18.5	CB.	CB2118-12	11/8	1205	9200
WINCHESTER	209	"HI-SKOR" 700-X	19.5	CB.	CB2118-12	11/8	1245	10000
WINCHESTER	209	"HI-SKOR" 700-X	16.0	REM.	TGT12	11/8	1095	6800
WINCHESTER	209	"HI-SKOR" 700-X	17.0	REM.	TGT12	11/8	1140	7500
WINCHESTER	209	"HI-SKOR" 700-X	18.5	REM.	TGT12	11/8	1195	8600
WINCHESTER	209	"HI-SKOR" 700-X	20.0	REM.	TGT12	11/8	1255	9600
WINCHESTER	209	"HI-SKOR" 700-X	16.0	FED.	12S3	11/8	1105	7800
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FED.	12S3	11/8	1150	8500
WINCHESTER	209	"HI-SKOR" 700-X	18.0	FED.	12S3	11/8	1190	9400
WINCHESTER	209	"HI-SKOR" 700-X	19.5	FED.	12S3	11/8	1255	10700
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FEDERAL	209A	PB	19.5	WIN.	WAA12	11/8	1095	6100
FEDERAL	209A	PB	21.0	WIN.	WAA12	11/8	1150	7000
FEDERAL	209A	PB	22.5	WIN.	WAA12	11/8	1205	7900
FEDERAL	209A	PB	24.0	WIN.	WAA12	11/8	1260	8800
FEDERAL	209A	PB	20.5	WTW.	WINDJAMMER	11/8	1105	5900
FEDERAL	209A	PB	21.5	WTW.	WINDJAMMER	11/8	1145	6400
FEDERAL	209A	PB	23.0	WTW.	WINDJAMMER	11/8	1205	7200
FEDERAL	209A	PB	24.0	WTW.	WINDJAMMER	11/8	1250	7800
FEDERAL	209A	PB	20.0	CB.	CB1118-12	11/8	1105	6000
FEDERAL	209A	PB	21.0	CB.	CB1118-12	11/8	1140	6400
FEDERAL	209A	PB	22.5	CB.	CB1118-12	11/8	1195	7100
FEDERAL	209A	PB	24.0	CB.	CB1118-12	11/8	1250	8000
FEDERAL	209A	PB	20.0	REM.	FIG8	11/8	1095	6000
FEDERAL	209A	PB	21.5	REM.	FIG8	11/8	1145	6600
FEDERAL	209A	PB	23.0	REM.	FIG8	11/8	1200	7300
FEDERAL	209A	PB	24.5	REM.	FIG8	11/8	1255	8000
FEDERAL	209A	PB	19.5	FED.	12S3	11/8	1095	6600
FEDERAL	209A	PB	21.0	FED.	12S3	11/8	1140	7100
FEDERAL	209A	PB	22.5	FED.	12S3	11/8	1190	7600
FEDERAL	209A	PB	24.0	FED.	12S3	11/8	1255	8700
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REMINGTON	209P	PB	20.5	WIN.	WAA12SL	11/8	1095	5700
REMINGTON	209P	PB	21.5	WIN.	WAA12SL	11/8	1140	6400
REMINGTON	209P	PB	23.0	WIN.	WAA12SL	11/8	1195	7300
REMINGTON	209P	PB	25.0	WIN.	WAA12SL	11/8	1260	8000
REMINGTON	209P	PB	21.0	WTW.	WINDJAMMER	11/8	1095	5000
REMINGTON	209P	PB	22.5	WTW.	WINDJAMMER	11/8	1155	5900
REMINGTON	209P	PB	24.0	WTW.	WINDJAMMER	11/8	1205	6400
REMINGTON	209P	PB	25.5	WTW.	WINDJAMMER	11/8	1250	6900
REMINGTON	209P	PB	21.0	CB.	CB1118-12	11/8	1105	5800
REMINGTON	209P	PB	22.5	CB.	CB1118-12	11/8	1150	6300
REMINGTON	209P	PB	23.5	CB.	CB1118-12	11/8	1200	7000
REMINGTON	209P	PB	25.0	CB.	CB1118-12	11/8	1265	8000
REMINGTON	209P	PB	21.0	REM.	FIG8	11/8	1100	5500
REMINGTON	209P	PB	22.5	REM.	FIG8	11/8	1155	6100
REMINGTON	209P	PB	23.5	REM.	FIG8	11/8	1190	6600
REMINGTON	209P	PB	25.0	REM.	FIG8	11/8	1245	7500
REMINGTON	209P	PB	20.5	FED.	12S3	11/8	1100	6000
REMINGTON	209P	PB	22.0	FED.	12S3	11/8	1155	6500
REMINGTON	209P	PB	23.0	FED.	12S3	11/8	1190	7000
REMINGTON	209P	PB	25.0	FED.	12S3	11/8	1265	8400
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WINCHESTER	209	PB	21.0	WIN.	WAA12SL	11/8	1100	6000
WINCHESTER	209	PB	22.0	WIN.	WAA12SL	11/8	1140	6600
WINCHESTER	209	PB	23.5	WIN.	WAA12SL	11/8	1200	7500
WINCHESTER	209	PB	25.0	WIN.	WAA12SL	11/8	1255	8200
WINCHESTER	209	PB	21.0	WTW.	WINDJAMMER	11/8	1105	5500
WINCHESTER	209	PB	22.0	WTW.	WINDJAMMER	11/8	1145	6000
WINCHESTER	209	PB	23.5	WTW.	WINDJAMMER	11/8	1205	7000
WINCHESTER	209	PB	24.5	WTW.	WINDJAMMER	11/8	1250	7700
WINCHESTER	209	PB	20.5	CB.	CB1118-12	11/8	1100	5800
WINCHESTER	209	PB	22.0	CB.	CB1118-12	11/8	1150	6400
WINCHESTER	209	PB	23.5	CB.	CB1118-12	11/8	1200	7000
WINCHESTER	209	PB	25.0	CB.	CB1118-12	11/8	1245	7600
WINCHESTER	209	PB	21.0	REM.	FIG8	11/8	1105	5900
WINCHESTER	209	PB	22.0	REM.	FIG8	11/8	1140	6300

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
WINCHESTER	209	PB	23.5	REM.	FIG8	11/8	1200	7000
WINCHESTER	209	PB	25.0	REM.	FIG8	11/8	1255	7800
WINCHESTER	209	PB	20.5	FED.	12S3	11/8	1090	6100
WINCHESTER	209	PB	22.0	FED.	12S3	11/8	1150	7000
WINCHESTER	209	PB	23.0	FED.	12S3	11/8	1190	7600
WINCHESTER	209	PB	24.5	FED.	12S3	11/8	1250	8400
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FEDERAL	209A	SR7625	21.5	WIN.	WAA12	11/8	1100	6100
FEDERAL	209A	SR7625	23.0	WIN.	WAA12	11/8	1155	6700
FEDERAL	209A	SR7625	24.5	WIN.	WAA12	11/8	1200	7400
FEDERAL	209A	SR7625	26.0	WIN.	WAA12	11/8	1265	8200
FEDERAL	209A	SR7625	23.0	WTW.	WINDJAMMER	11/8	1105	5100
FEDERAL	209A	SR7625	24.0	WTW.	WINDJAMMER	11/8	1140	5600
FEDERAL	209A	SR7625	25.5	WTW.	WINDJAMMER	11/8	1200	6400
FEDERAL	209A	SR7625	27.0	WTW.	WINDJAMMER	11/8	1265	7400
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FEDERAL	209A	SR7625	22.0	CB.	CB2118-12	11/8	1095	5700
FEDERAL	209A	SR7625	23.5	CB.	CB2118-12	11/8	1150	6400
FEDERAL	209A	SR7625	24.5	CB.	CB2118-12	11/8	1195	6800
FEDERAL	209A	SR7625	26.0	CB.	CB2118-12	11/8	1250	7700
FEDERAL	209A	SR7625	22.5	REM.	FIG8	11/8	1090	5300
FEDERAL	209A	SR7625	24.0	REM.	FIG8	11/8	1140	5700
FEDERAL	209A	SR7625	25.5	REM.	FIG8	11/8	1205	6600
FEDERAL	209A	SR7625	26.5	REM.	FIG8	11/8	1245	7100
FEDERAL	209A	SR7625	22.0	FED.	12S3	11/8	1090	5600
FEDERAL	209A	SR7625	23.5	FED.	12S3	11/8	1150	6400
FEDERAL	209A	SR7625	24.5	FED.	12S3	11/8	1190	6900
FEDERAL	209A	SR7625	26.5	FED.	12S3	11/8	1260	7700
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REMINGTON	209P	SR7625	22.0	WIN.	WAA12	11/8	1100	5600
REMINGTON	209P	SR7625	23.5	WIN.	WAA12	11/8	1145	6000
REMINGTON	209P	SR7625	25.5	WIN.	WAA12	11/8	1205	6600
REMINGTON	209P	SR7625	27.5	WIN.	WAA12	11/8	1255	7200
REMINGTON	209P	SR7625	24.0	WTW.	WINDJAMMER	11/8	1095	4300
REMINGTON	209P	SR7625	25.5	WTW.	WINDJAMMER	11/8	1140	4700
REMINGTON	209P	SR7625	27.0	WTW.	WINDJAMMER	11/8	1200	5400
REMINGTON	209P	SR7625	28.5	WTW.	WINDJAMMER	11/8	1265	6100
REMINGTON	209P	SR7625	22.5	CB.	CB2118-12	11/8	1105	5300
REMINGTON	209P	SR7625	24.5	CB.	CB2118-12	11/8	1150	5900
REMINGTON	209P	SR7625	26.0	CB.	CB2118-12	11/8	1205	6600
REMINGTON	209P	SR7625	27.0	CB.	CB2118-12	11/8	1250	7300
REMINGTON	209P	SR7625	24.0	REM.	FIG8	11/8	1100	5000
REMINGTON	209P	SR7625	25.5	REM.	FIG8	11/8	1155	5700
REMINGTON	209P	SR7625	27.0	REM.	FIG8	11/8	1205	6000
REMINGTON	209P	SR7625	28.5	REM.	FIG8	11/8	1260	6300
REMINGTON	209P	SR7625	23.0	FED.	12S3	11/8	1095	5200
REMINGTON	209P	SR7625	24.5	FED.	12S3	11/8	1155	6000
REMINGTON	209P	SR7625	25.5	FED.	12S3	11/8	1195	6400
REMINGTON	209P	SR7625	27.0	FED.	12S3	11/8	1255	7400
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WINCHESTER	209	SR7625	22.5	WIN.	WAA12	11/8	1100	5600
WINCHESTER	209	SR7625	24.0	WIN.	WAA12	11/8	1155	6200
WINCHESTER	209	SR7625	25.0	WIN.	WAA12	11/8	1190	6600
WINCHESTER	209	SR7625	26.5	WIN.	WAA12	11/8	1250	7400
WINCHESTER	209	SR7625	23.0	WTW.	WINDJAMMER	11/8	1095	4900
WINCHESTER	209	SR7625	24.5	WTW.	WINDJAMMER	11/8	1140	5400
WINCHESTER	209	SR7625	26.0	WTW.	WINDJAMMER	11/8	1200	6200
WINCHESTER	209	SR7625	27.0	WTW.	WINDJAMMER	11/8	1245	6900
WINCHESTER	209	SR7625	22.5	CB.	CB2118-12	11/8	1095	5400
WINCHESTER	209	SR7625	24.0	CB.	CB2118-12	11/8	1150	6000
WINCHESTER	209	SR7625	25.5	CB.	CB2118-12	11/8	1200	6700
WINCHESTER	209	SR7625	27.0	CB.	CB2118-12	11/8	1250	7300
WINCHESTER	209	SR7625	23.0	REM.	FIG8	11/8	1095	5200
WINCHESTER	209	SR7625	24.5	REM.	FIG8	11/8	1150	5800
WINCHESTER	209	SR7625	25.5	REM.	FIG8	11/8	1190	6300
WINCHESTER	209	SR7625	27.0	REM.	FIG8	11/8	1250	7100
WINCHESTER	209	SR7625	23.0	FED.	12S3	11/8	1100	5400
WINCHESTER	209	SR7625	24.5	FED.	12S3	11/8	1155	6200
WINCHESTER	209	SR7625	25.5	FED.	12S3	11/8	1195	6700
WINCHESTER	209	SR7625	27.0	FED.	12S3	11/8	1255	7500
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CCI	209	"HI-SKOR" 800-X	21.5	WIN.	WAA12	11/8	1105	5200
CCI	209	"HI-SKOR" 800-X	22.5	WIN.	WAA12	11/8	1145	5600
CCI	209	"HI-SKOR" 800-X	24.0	WIN.	WAA12	11/8	1200	6300
CCI	209	"HI-SKOR" 800-X	25.5	WIN.	WAA12	11/8	1265	7100
CCI	209	"HI-SKOR" 800-X	22.5	WTW	WINDJAMMER	11/8	1100	4200

12 GAUGE 2¾ INCH 1 1/8 OUNCE LOADS (Cont'd)

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MFR.	PRIMER		IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION				
SHELL: FEDERAL PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE									
CCI	209	"HI-SKOR" 800-X	23.5	WTW	WINDJAMMER	11/8	1145	4800	
CCI	209	"HI-SKOR" 800-X	25.0	WTW	WINDJAMMER	11/8	1205	5700	
CCI	209	"HI-SKOR" 800-X	26.0	WTW	WINDJAMMER	11/8	1250	6300	
CCI	209	"HI-SKOR" 800-X	21.5	CB	CB2118-12	11/8	1095	5000	
CCI	209	"HI-SKOR" 800-X	23.0	CB	CB2118-12	11/8	1145	5500	
CCI	209	"HI-SKOR" 800-X	24.5	CB	CB2118-12	11/8	1205	6200	
CCI	209	"HI-SKOR" 800-X	26.0	CB	CB2118-12	11/8	1265	6800	
CCI	209	"HI-SKOR" 800-X	21.0	REM.	FIG 8	11/8	1105	5500	
CCI	209	"HI-SKOR" 800-X	22.5	REM.	FIG 8	11/8	1150	5900	
CCI	209	"HI-SKOR" 800-X	24.0	REM.	FIG 8	11/8	1200	6300	
CCI	209	"HI-SKOR" 800-X	26.0	REM.	FIG 8	11/8	1260	6900	
CCI	209	"HI-SKOR" 800-X	21.0	FED.	12S3	11/8	1095	5800	
CCI	209	"HI-SKOR" 800-X	22.5	FED.	12S3	11/8	1155	6400	
CCI	209	"HI-SKOR" 800-X	24.0	FED.	12S3	11/8	1200	6800	
CCI	209	"HI-SKOR" 800-X	26.0	FED.	12S3	11/8	1260	7300	
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FEDERAL	209A	"HI-SKOR" 800-X	20.5	WIN.	WAA12	11/8	1100	5800	
FEDERAL	209A	"HI-SKOR" 800-X	21.5	WIN.	WAA12	11/8	1140	6300	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	WIN.	WAA12	11/8	1195	7000	
FEDERAL	209A	"HI-SKOR" 800-X	24.5	WIN.	WAA12	11/8	1255	7700	
FEDERAL	209A	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	11/8	1100	4900	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	WTW	WINDJAMMER	11/8	1145	5400	
FEDERAL	209A	"HI-SKOR" 800-X	24.0	WTW	WINDJAMMER	11/8	1190	5900	
FEDERAL	209A	"HI-SKOR" 800-X	25.5	WTW	WINDJAMMER	11/8	1260	6700	
FEDERAL	209A	"HI-SKOR" 800-X	20.5	CB	CB2118-12	11/8	1090	5500	
FEDERAL	209A	"HI-SKOR" 800-X	22.5	CB	CB2118-12	11/8	1150	6200	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	CB	CB2118-12	11/8	1195	6700	
FEDERAL	209A	"HI-SKOR" 800-X	24.5	CB	CB2118-12	11/8	1250	7400	
FEDERAL	209A	"HI-SKOR" 800-X	21.0	REM.	FIG8	11/8	1100	5400	
FEDERAL	209A	"HI-SKOR" 800-X	22.5	REM.	FIG8	11/8	1155	6000	
FEDERAL	209A	"HI-SKOR" 800-X	24.0	REM.	FIG8	11/8	1205	6600	
FEDERAL	209A	"HI-SKOR" 800-X	25.5	REM.	FIG8	11/8	1255	7100	
FEDERAL	209A	"HI-SKOR" 800-X	20.5	FED.	12S3	11/8	1090	5700	
FEDERAL	209A	"HI-SKOR" 800-X	22.0	FED.	12S3	11/8	1155	6400	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	FED.	12S3	11/8	1195	6900	
FEDERAL	209A	"HI-SKOR" 800-X	25.0	FED.	12S3	11/8	1265	7700	
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WINCHESTER	209	"HI-SKOR" 800-X	20.5	WIN.	WAA12	11/8	1100	5800	
WINCHESTER	209	"HI-SKOR" 800-X	21.5	WIN.	WAA12	11/8	1140	6300	
WINCHESTER	209	"HI-SKOR" 800-X	23.0	WIN.	WAA12	11/8	1195	7000	
WINCHESTER	209	"HI-SKOR" 800-X	25.0	WIN.	WAA12	11/8	1265	7700	
WINCHESTER	209	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	11/8	1105	4900	
WINCHESTER	209	"HI-SKOR" 800-X	23.0	WTW	WINDJAMMER	11/8	1150	5400	
WINCHESTER	209	"HI-SKOR" 800-X	24.0	WTW	WINDJAMMER	11/8	1190	5900	
WINCHESTER	209	"HI-SKOR" 800-X	25.5	WTW	WINDJAMMER	11/8	1255	6700	
WINCHESTER	209	"HI-SKOR" 800-X	20.5	CB	CB2118-12	11/8	1095	5500	
WINCHESTER	209	"HI-SKOR" 800-X	22.0	CB	CB2118-12	11/8	1145	6000	
WINCHESTER	209	"HI-SKOR" 800-X	23.5	CB	CB2118-12	11/8	1200	6700	
WINCHESTER	209	"HI-SKOR" 800-X	25.0	CB	CB2118-12	11/8	1260	7400	
WINCHESTER	209	"HI-SKOR" 800-X	21.0	REM.	FIG8	11/8	1100	5400	
WINCHESTER	209	"HI-SKOR" 800-X	22.0	REM.	FIG8	11/8	1140	5900	
WINCHESTER	209	"HI-SKOR" 800-X	23.5	REM.	FIG8	11/8	1200	6500	
WINCHESTER	209	"HI-SKOR" 800-X	25.0	REM.	FIG8	11/8	1255	7100	
WINCHESTER	209	"HI-SKOR" 800-X	20.5	FED.	12S3	11/8	1095	5700	
WINCHESTER	209	"HI-SKOR" 800-X	22.0	FED.	12S3	11/8	1155	6300	
WINCHESTER	209	"HI-SKOR" 800-X	23.0	FED.	12S3	11/8	1195	6800	
WINCHESTER	209	"HI-SKOR" 800-X	24.5	FED.	12S3	11/8	1250	7500	
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SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27									
FEDERAL	209A	"HI-SKOR" 700-X	15.0	WIN.	WAA12	11/8	1100	9500	
FEDERAL	209A	"HI-SKOR" 700-X	16.5	WIN.	WAA12	11/8	1160	10900	
FEDERAL	209A	"HI-SKOR" 700-X	15.5	WTW	WINDJAMMER	11/8	1110	8400	
FEDERAL	209A	"HI-SKOR" 700-X	16.5	WTW	WINDJAMMER	11/8	1155	9500	
FEDERAL	209A	"HI-SKOR" 700-X	17.5	WTW	WINDJAMMER	11/8	1200	10400	
FEDERAL	209A	"HI-SKOR" 700-X	18.5	WTW	WINDJAMMER	11/8	1240	11100	
FEDERAL	209A	"HI-SKOR" 700-X	15.5	CB	CB1118-12	11/8	1110	8500	
FEDERAL	209A	"HI-SKOR" 700-X	16.5	CB	CB1118-12	11/8	1160	9700	
FEDERAL	209A	"HI-SKOR" 700-X	17.5	CB	CB1118-12	11/8	1200	10800	
FEDERAL	209A	"HI-SKOR" 700-X	15.5	REM.	FIG8	11/8	1105	8900	

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
FEDERAL	209A	"HI-SKOR" 700-X	16.5	REM.	FIG8	11/8	1150	10000
FEDERAL	209A	"HI-SKOR" 700-X	17.5	REM.	FIG8	11/8	1195	11000
FEDERAL	209A	"HI-SKOR" 700-X	15.0	FED.	12S3	11/8	1095	9300
FEDERAL	209A	"HI-SKOR" 700-X	16.0	FED.	12S3	11/8	1135	10200
FEDERAL	209A	"HI-SKOR" 700-X	17.5	FED.	12S3	11/8	1200	11500
REMINGTON	209P	"HI-SKOR" 700-X	15.0	WIN.	WAA12	11/8	1090	8500
REMINGTON	209P	"HI-SKOR" 700-X	16.0	WIN.	WAA12	11/8	1140	9600
REMINGTON	209P	"HI-SKOR" 700-X	17.5	WIN.	WAA12	11/8	1205	11200
REMINGTON	209P	"HI-SKOR" 700-X	15.5	WTW.	WINDJAMMER	11/8	1090	7600
REMINGTON	209P	"HI-SKOR" 700-X	16.5	WTW.	WINDJAMMER	11/8	1135	8400
REMINGTON	209P	"HI-SKOR" 700-X	18.0	WTW.	WINDJAMMER	11/8	1200	9600
REMINGTON	209P	"HI-SKOR" 700-X	19.0	WTW.	WINDJAMMER	11/8	1245	10500
REMINGTON	209P	"HI-SKOR" 700-X	15.5	CB.	CB1118-12	11/8	1110	8000
REMINGTON	209P	"HI-SKOR" 700-X	16.5	CB.	CB1118-12	11/8	1155	8900
REMINGTON	209P	"HI-SKOR" 700-X	17.5	CB.	CB1118-12	11/8	1195	9800
REMINGTON	209P	"HI-SKOR" 700-X	19.0	CB.	CB1118-12	11/8	1250	11100
REMINGTON	209P	"HI-SKOR" 700-X	15.5	REM.	FIG8	11/8	1095	8100
REMINGTON	209P	"HI-SKOR" 700-X	16.5	REM.	FIG8	11/8	1140	9000
REMINGTON	209P	"HI-SKOR" 700-X	18.0	REM.	FIG8	11/8	1205	10400
REMINGTON	209P	"HI-SKOR" 700-X	19.0	REM.	FIG8	11/8	1250	11300
REMINGTON	209P	"HI-SKOR" 700-X	15.0	FED.	12S3	11/8	1095	8900
REMINGTON	209P	"HI-SKOR" 700-X	16.5	FED.	12S3	11/8	1150	10200
REMINGTON	209P	"HI-SKOR" 700-X	17.5	FED.	12S3	11/8	1195	11100
WINCHESTER	209	"HI-SKOR" 700-X	15.5	WIN.	WAA12	11/8	1105	9300
WINCHESTER	209	"HI-SKOR" 700-X	16.5	WIN.	WAA12	11/8	1145	10200
WINCHESTER	209	"HI-SKOR" 700-X	17.5	WIN.	WAA12	11/8	1190	11200
WINCHESTER	209	"HI-SKOR" 700-X	15.5	WTW.	WINDJAMMER	11/8	1100	8000
WINCHESTER	209	"HI-SKOR" 700-X	16.5	WTW.	WINDJAMMER	11/8	1150	8900
WINCHESTER	209	"HI-SKOR" 700-X	17.5	WTW.	WINDJAMMER	11/8	1190	9800
WINCHESTER	209	"HI-SKOR" 700-X	19.0	WTW.	WINDJAMMER	11/8	1255	11100
WINCHESTER	209	"HI-SKOR" 700-X	15.5	CB.	CB1118-12	11/8	1095	7700
WINCHESTER	209	"HI-SKOR" 700-X	16.5	CB.	CB1118-12	11/8	1145	8700
WINCHESTER	209	"HI-SKOR" 700-X	17.5	CB.	CB1118-12	11/8	1190	9800
WINCHESTER	209	"HI-SKOR" 700-X	19.0	CB.	CB1118-12	11/8	1250	11400
WINCHESTER	209	"HI-SKOR" 700-X	15.5	REM.	FIG8	11/8	1095	8500
WINCHESTER	209	"HI-SKOR" 700-X	16.5	REM.	FIG8	11/8	1140	9400
WINCHESTER	209	"HI-SKOR" 700-X	18.0	REM.	FIG8	11/8	1205	10800
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S3	11/8	1100	9000
WINCHESTER	209	"HI-SKOR" 700-X	16.5	FED.	12S3	11/8	1145	9800
WINCHESTER	209	"HI-SKOR" 700-X	17.5	FED.	12S3	11/8	1190	10900
FEDERAL	209A	PB	18.5	WIN.	WAA12	11/8	1100	8200
FEDERAL	209A	PB	20.0	WIN.	WAA12	11/8	1155	9200
FEDERAL	209A	PB	21.0	WIN.	WAA12	11/8	1190	9900
FEDERAL	209A	PB	23.0	WIN.	WAA12	11/8	1260	11000
FEDERAL	209A	PB	19.5	WTW.	WINDJAMMER	11/8	1100	6800
FEDERAL	209A	PB	20.5	WTW.	WINDJAMMER	11/8	1145	7500
FEDERAL	209A	PB	22.0	WTW.	WINDJAMMER	11/8	1200	8500
FEDERAL	209A	PB	23.5	WTW.	WINDJAMMER	11/8	1260	9500
FEDERAL	209A	PB	19.0	CB.	CB1118-12	11/8	1100	7300
FEDERAL	209A	PB	20.5	CB.	CB1118-12	11/8	1150	7900
FEDERAL	209A	PB	22.0	CB.	CB1118-12	11/8	1205	8700
FEDERAL	209A	PB	23.5	CB.	CB1118-12	11/8	1260	9500
FEDERAL	209A	PB	19.5	REM.	FIG8	11/8	1110	7500
FEDERAL	209A	PB	20.5	REM.	FIG8	11/8	1150	8100
FEDERAL	209A	PB	22.0	REM.	FIG8	11/8	1200	8900
FEDERAL	209A	PB	23.5	REM.	FIG8	11/8	1255	9600
FEDERAL	209A	PB	18.5	FED.	12S4	11/8	1105	8400
FEDERAL	209A	PB	19.5	FED.	12S4	11/8	1140	8800
FEDERAL	209A	PB	21.0	FED.	12S4	11/8	1190	9600
FEDERAL	209A	PB	23.0	FED.	12S4	11/8	1265	10900
REMINGTON	209P	PB	19.5	WIN.	WAA12	11/8	1105	7300
REMINGTON	209P	PB	20.5	WIN.	WAA12	11/8	1145	8000
REMINGTON	209P	PB	22.0	WIN.	WAA12	11/8	1200	8700
REMINGTON	209P	PB	23.5	WIN.	WAA12	11/8	1255	9500
REMINGTON	209P	PB	20.0	WTW.	WINDJAMMER	11/8	1100	6300
REMINGTON	209P	PB	21.0	WTW.	WINDJAMMER	11/8	1140	6900
REMINGTON	209P	PB	22.5	WTW.	WINDJAMMER	11/8	1205	7900
REMINGTON	209P	PB	24.0	WTW.	WINDJAMMER	11/8	1265	8900
REMINGTON	209P	PB	19.5	CB.	CB1118-12	11/8	1090	6400

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
		DESIGNATION	GRAINS	MFR.	DESIGNATION			
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
REMINGTON	209P	PB	21.0	CB.	CB1118-12	11/8	1150	7400
REMINGTON	209P	PB	22.5	CB.	CB1118-12	11/8	1200	8000
REMINGTON	209P	PB	24.0	CB.	CB1118-12	11/8	1250	8600
REMINGTON	209P	PB	20.0	REM.	FIG8	11/8	1100	6800
REMINGTON	209P	PB	21.5	REM.	FIG8	11/8	1150	7500
REMINGTON	209P	PB	23.0	REM.	FIG8	11/8	1205	8400
REMINGTON	209P	PB	24.5	REM.	FIG8	11/8	1260	9300
REMINGTON	209P	PB	19.0	FED.	12S4	11/8	1100	7700
REMINGTON	209P	PB	20.0	FED.	12S4	11/8	1140	8400
REMINGTON	209P	PB	21.5	FED.	12S4	11/8	1195	9300
REMINGTON	209P	PB	23.0	FED.	12S4	11/8	1245	10000
WINCHESTER	209	PB	19.0	WIN.	WAA12	11/8	1100	7700
WINCHESTER	209	PB	20.0	WIN.	WAA12	11/8	1140	8400
WINCHESTER	209	PB	22.0	WIN.	WAA12	11/8	1205	9400
WINCHESTER	209	PB	23.5	WIN.	WAA12	11/8	1255	10200
WINCHESTER	209	PB	20.0	WTW.	WINDJAMMER	11/8	1105	6700
WINCHESTER	209	PB	21.0	WTW.	WINDJAMMER	11/8	1145	7300
WINCHESTER	209	PB	22.5	WTW.	WINDJAMMER	11/8	1205	8200
WINCHESTER	209	PB	24.0	WTW.	WINDJAMMER	11/8	1260	9100
WINCHESTER	209	PB	20.0	CB.	CB1118-12	11/8	1100	6700
WINCHESTER	209	PB	21.0	CB.	CB1118-12	11/8	1140	7200
WINCHESTER	209	PB	22.5	CB.	CB1118-12	11/8	1200	8000
WINCHESTER	209	PB	24.0	CB.	CB1118-12	11/8	1255	8800
WINCHESTER	209	PB	19.5	REM.	FIG8	11/8	1095	6900
WINCHESTER	209	PB	21.0	REM.	FIG8	11/8	1155	7900
WINCHESTER	209	PB	22.0	REM.	FIG8	11/8	1190	8400
WINCHESTER	209	PB	23.5	REM.	FIG8	11/8	1250	9300
WINCHESTER	209	PB	19.0	FED.	12S4	11/8	1095	7700
WINCHESTER	209	PB	20.5	FED.	12S4	11/8	1155	8500
WINCHESTER	209	PB	21.5	FED.	12S4	11/8	1190	9100
WINCHESTER	209	PB	23.5	FED.	12S4	11/8	1260	10400
FEDERAL	209A	SR7625	19.5	WIN.	WAA12	11/8	1100	7900
FEDERAL	209A	SR7625	20.5	WIN.	WAA12	11/8	1140	8500
FEDERAL	209A	SR7625	22.0	WIN.	WAA12	11/8	1205	9700
FEDERAL	209A	SR7625	23.0	WIN.	WAA12	11/8	1245	10500
FEDERAL	209A	SR7625	21.0	WTW.	WINDJAMMER	11/8	1105	6500
FEDERAL	209A	SR7625	22.0	WTW.	WINDJAMMER	11/8	1150	7200
FEDERAL	209A	SR7625	23.5	WTW.	WINDJAMMER	11/8	1205	7800
FEDERAL	209A	SR7625	25.0	WTW.	WINDJAMMER	11/8	1255	8400
FEDERAL	209A	SR7625	20.0	CB.	CB1118-12	11/8	1090	6900
FEDERAL	209A	SR7625	21.5	CB.	CB1118-12	11/8	1150	7900
FEDERAL	209A	SR7625	22.5	CB.	CB1118-12	11/8	1190	8400
FEDERAL	209A	SR7625	24.0	CB.	CB1118-12	11/8	1250	9200
FEDERAL	209A	SR7625	20.5	REM.	RXP12	11/8	1095	7200
FEDERAL	209A	SR7625	22.0	REM.	RXP12	11/8	1155	8000
FEDERAL	209A	SR7625	23.0	REM.	RXP12	11/8	1190	8600
FEDERAL	209A	SR7625	24.5	REM.	RXP12	11/8	1250	9400
FEDERAL	209A	SR7625	20.0	FED.	12S3	11/8	1095	7300
FEDERAL	209A	SR7625	21.0	FED.	12S3	11/8	1140	8100
FEDERAL	209A	SR7625	22.5	FED.	12S3	11/8	1195	9100
FEDERAL	209A	SR7625	24.0	FED.	12S3	11/8	1250	10000
REMINGTON	209P	SR7625	20.0	WIN.	WAA12	11/8	1090	7100
REMINGTON	209P	SR7625	21.5	WIN.	WAA12	11/8	1150	8000
REMINGTON	209P	SR7625	23.0	WIN.	WAA12	11/8	1200	8700
REMINGTON	209P	SR7625	24.5	WIN.	WAA12	11/8	1255	9400
REMINGTON	209P	SR7625	21.5	WTW.	WINDJAMMER	11/8	1095	6000
REMINGTON	209P	SR7625	23.0	WTW.	WINDJAMMER	11/8	1150	6700
REMINGTON	209P	SR7625	24.0	WTW.	WINDJAMMER	11/8	1195	7300
REMINGTON	209P	SR7625	25.5	WTW.	WINDJAMMER	11/8	1260	8400
REMINGTON	209P	SR7625	20.5	CB.	CB1118-12	11/8	1095	6400
REMINGTON	209P	SR7625	22.0	CB.	CB1118-12	11/8	1155	7400
REMINGTON	209P	SR7625	23.0	CB.	CB1118-12	11/8	1195	8000
REMINGTON	209P	SR7625	24.5	CB.	CB1118-12	11/8	1250	8800
REMINGTON	209P	SR7625	21.0	REM.	RXP12	11/8	1095	6500
REMINGTON	209P	SR7625	22.5	REM.	RXP12	11/8	1150	7400
REMINGTON	209P	SR7625	24.0	REM.	RXP12	11/8	1205	8200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
REMINGTON	209P	SR7625	25.5	REM.	RXP12	11/8	1250	9000
REMINGTON	209P	SR7625	21.0	FED.	12S3	11/8	1110	7200
REMINGTON	209P	SR7625	22.0	FED.	12S3	11/8	1150	7800
REMINGTON	209P	SR7625	23.5	FED.	12S3	11/8	1210	8700
REMINGTON	209P	SR7625	24.5	FED.	12S3	11/8	1250	9500
WINCHESTER	209	SR7625	20.5	WIN.	WAA12	11/8	1090	7000
WINCHESTER	209	SR7625	22.0	WIN.	WAA12	11/8	1155	7900
WINCHESTER	209	SR7625	23.0	WIN.	WAA12	11/8	1195	8600
WINCHESTER	209	SR7625	24.5	WIN.	WAA12	11/8	1250	9500
WINCHESTER	209	SR7625	21.5	WTW.	WINDJAMMER	11/8	1095	5900
WINCHESTER	209	SR7625	22.5	WTW.	WINDJAMMER	11/8	1140	6500
WINCHESTER	209	SR7625	24.0	WTW.	WINDJAMMER	11/8	1205	7700
WINCHESTER	209	SR7625	25.0	WTW.	WINDJAMMER	11/8	1250	8500
WINCHESTER	209	SR7625	21.0	CB.	CB1118-12	11/8	1090	6200
WINCHESTER	209	SR7625	22.5	CB.	CB1118-12	11/8	1155	7200
WINCHESTER	209	SR7625	23.0	CB.	CB1118-12	11/8	1200	7600
WINCHESTER	209	SR7625	24.5	CB.	CB1118-12	11/8	1245	8600
WINCHESTER	209	SR7625	21.0	REM.	RXP12	11/8	1090	6200
WINCHESTER	209	SR7625	22.5	REM.	RXP12	11/8	1155	7400
WINCHESTER	209	SR7625	23.5	REM.	RXP12	11/8	1195	7900
WINCHESTER	209	SR7625	25.0	REM.	RXP12	11/8	1250	8800
WINCHESTER	209	SR7625	20.5	FED.	12S3	11/8	1090	6700
WINCHESTER	209	SR7625	22.0	FED.	12S3	11/8	1145	7800
WINCHESTER	209	SR7625	23.5	FED.	12S3	11/8	1205	8800
WINCHESTER	209	SR7625	24.5	FED.	12S3	11/8	1255	9600
CCI	209	"HI-SKOR" 800-X	19.5	WIN.	WAA12	11/8	1105	6900
CCI	209	"HI-SKOR" 800-X	20.5	WIN.	WAA12	11/8	1150	7500
CCI	209	"HI-SKOR" 800-X	21.5	WIN.	WAA12	11/8	1190	8200
CCI	209	"HI-SKOR" 800-X	23.0	WIN.	WAA12	11/8	1255	9100
CCI	209	"HI-SKOR" 800-X	20.0	WTW	WINDJAMMER	11/8	1095	6000
CCI	209	"HI-SKOR" 800-X	21.0	WTW	WINDJAMMER	11/8	1145	6700
CCI	209	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	11/8	1195	7300
CCI	209	"HI-SKOR" 800-X	23.5	WTW	WINDJAMMER	11/8	1250	8200
CCI	209	"HI-SKOR" 800-X	19.5	CB	CB1118-12	11/8	1095	6200
CCI	209	"HI-SKOR" 800-X	21.0	CB	CB1118-12	11/8	1155	7000
CCI	209	"HI-SKOR" 800-X	22.0	CB	CB1118-12	11/8	1195	7500
CCI	209	"HI-SKOR" 800-X	23.5	CB	CB1118-12	11/8	1255	8400
CCI	209	"HI-SKOR" 800-X	19.5	REM.	FIG8	11/8	1095	6500
CCI	209	"HI-SKOR" 800-X	21.0	REM.	FIG8	11/8	1155	7200
CCI	209	"HI-SKOR" 800-X	22.0	REM.	FIG8	11/8	1190	7600
CCI	209	"HI-SKOR" 800-X	24.0	REM.	FIG8	11/8	1265	8700
CCI	209	"HI-SKOR" 800-X	19.5	FED.	12S3	11/8	1100	7000
CCI	209	"HI-SKOR" 800-X	20.5	FED.	12S3	11/8	1140	7600
CCI	209	"HI-SKOR" 800-X	22.0	FED.	12S3	11/8	1200	8500
CCI	209	"HI-SKOR" 800-X	23.5	FED.	12S3	11/8	1260	9400
FEDERAL	209A	"HI-SKOR" 800-X	19.0	WIN.	WAA12	11/8	1095	7200
FEDERAL	209A	"HI-SKOR" 800-X	20.0	WIN.	WAA12	11/8	1145	8000
FEDERAL	209A	"HI-SKOR" 800-X	21.0	WIN.	WAA12	11/8	1190	8700
FEDERAL	209A	"HI-SKOR" 800-X	22.5	WIN.	WAA12	11/8	1250	9700
FEDERAL	209A	"HI-SKOR" 800-X	20.0	WTW	WINDJAMMER	11/8	1110	6500
FEDERAL	209A	"HI-SKOR" 800-X	21.0	WTW	WINDJAMMER	11/8	1160	7200
FEDERAL	209A	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	11/8	1205	7900
FEDERAL	209A	"HI-SKOR" 800-X	23.0	WTW	WINDJAMMER	11/8	1250	8600
FEDERAL	209A	"HI-SKOR" 800-X	19.5	CB	CB1118-12	11/8	1105	6800
FEDERAL	209A	"HI-SKOR" 800-X	20.5	CB	CB1118-12	11/8	1150	7500
FEDERAL	209A	"HI-SKOR" 800-X	21.5	CB	CB1118-12	11/8	1200	8200
FEDERAL	209A	"HI-SKOR" 800-X	23.0	CB	CB1118-12	11/8	1250	9000
FEDERAL	209A	"HI-SKOR" 800-X	19.5	REM.	FIG8	11/8	1100	6900
FEDERAL	209A	"HI-SKOR" 800-X	20.5	REM.	FIG8	11/8	1140	7500
FEDERAL	209A	"HI-SKOR" 800-X	22.0	REM.	FIG8	11/8	1200	8400
FEDERAL	209A	"HI-SKOR" 800-X	23.5	REM.	FIG8	11/8	1260	9200
FEDERAL	209A	"HI-SKOR" 800-X	19.0	FED.	12S3	11/8	1100	7300
FEDERAL	209A	"HI-SKOR" 800-X	20.0	FED.	12S3	11/8	1140	8000
FEDERAL	209A	"HI-SKOR" 800-X	21.5	FED.	12S3	11/8	1205	9000
FEDERAL	209A	"HI-SKOR" 800-X	23.0	FED.	12S3	11/8	1260	9900
WINCHESTER	209	"HI-SKOR" 800-X	19.0	WIN.	WAA12	11/8	1090	6900
WINCHESTER	209	"HI-SKOR" 800-X	20.0	WIN.	WAA12	11/8	1140	7800
WINCHESTER	209	"HI-SKOR" 800-X	21.0	WIN.	WAA12	11/8	1190	8600
WINCHESTER	209	"HI-SKOR" 800-X	22.5	WIN.	WAA12	11/8	1250	9600
WINCHESTER	209	"HI-SKOR" 800-X	20.0	WTW	WINDJAMMER	11/8	1095	6200
WINCHESTER	209	"HI-SKOR" 800-X	21.0	WTW	WINDJAMMER	11/8	1145	6900
WINCHESTER	209	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	11/8	1190	7500

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: REMINGTON PREMIER, RTL, STS, NITRO 27								
WINCHESTER	209	"HI-SKOR" 800-X	23.5	WTW	WINDJAMMER	11/8	1250	8400
WINCHESTER	209	"HI-SKOR" 800-X	19.5	CB	CB1118-12	11/8	1100	6500
WINCHESTER	209	"HI-SKOR" 800-X	20.5	CB	CB1118-12	11/8	1145	7200
WINCHESTER	209	"HI-SKOR" 800-X	21.5	CB	CB1118-12	11/8	1190	7800
WINCHESTER	209	"HI-SKOR" 800-X	23.0	CB	CB1118-12	11/8	1250	8700
WINCHESTER	209	"HI-SKOR" 800-X	19.5	REM.	FIG8	11/8	1095	6500
WINCHESTER	209	"HI-SKOR" 800-X	20.5	REM.	FIG8	11/8	1140	7200
WINCHESTER	209	"HI-SKOR" 800-X	22.0	REM.	FIG8	11/8	1205	8100
WINCHESTER	209	"HI-SKOR" 800-X	23.5	REM.	FIG8	11/8	1265	8900
WINCHESTER	209	"HI-SKOR" 800-X	19.0	FED.	12S3	11/8	1090	6800
WINCHESTER	209	"HI-SKOR" 800-X	20.0	FED.	12S3	11/8	1135	7500
WINCHESTER	209	"HI-SKOR" 800-X	21.5	FED.	12S3	11/8	1205	8500
WINCHESTER	209	"HI-SKOR" 800-X	23.0	FED.	12S3	11/8	1260	9600
SHELL: REMINGTON GUN CLUB								
CHEDDITE	209	HI-SKOR 700X	16.0	FED.	12S3	11/8	1144	10300
CHEDDITE	209	HI-SKOR 700X	16.5	REM.	FIG8	11/8	1143	9600
CHEDDITE	209	HI-SKOR 700X	18.0	REM.	FIG8	11/8	1204	10600
CHEDDITE	209	HI-SKOR 700X	16.0	WIN.	WAA12	11/8	1146	10200
CHEDDITE	209	HI-SKOR 700X	17.5	WIN.	WAA12	11/8	1204	11400
REMINGTON	STS	HI-SKOR 700X	16.0	FED.	12S3	11/8	1148	10700
REMINGTON	STS	HI-SKOR 700X	16.5	REM.	FIG8	11/8	1147	9400
REMINGTON	STS	HI-SKOR 700X	17.5	REM.	FIG8	11/8	1198	10700
REMINGTON	STS	HI-SKOR 700X	16.0	WIN.	WAA12	11/8	1149	10200
REMINGTON	STS	HI-SKOR 700X	17.0	WIN.	WAA12	11/8	1199	11300
SHELL: WINCHESTER AA								
FEDERAL	209A	"HI-SKOR" 700-X	15.0	WIN.	WAA12	11/8	1090	9100
FEDERAL	209A	"HI-SKOR" 700-X	16.0	WIN.	WAA12	11/8	1135	10000
FEDERAL	209A	"HI-SKOR" 700-X	17.5	WIN.	WAA12	11/8	1200	11300
FEDERAL	209A	"HI-SKOR" 700-X	15.0	WTW.	WINDJAMMER	11/8	1095	8200
FEDERAL	209A	"HI-SKOR" 700-X	16.0	WTW.	WINDJAMMER	11/8	1140	9000
FEDERAL	209A	"HI-SKOR" 700-X	17.5	WTW.	WINDJAMMER	11/8	1200	10100
FEDERAL	209A	"HI-SKOR" 700-X	19.0	WTW.	WINDJAMMER	11/8	1255	11000
FEDERAL	209A	"HI-SKOR" 700-X	15.0	CB.	CB1118-12	11/8	1095	8500
FEDERAL	209A	"HI-SKOR" 700-X	16.0	CB.	CB1118-12	11/8	1140	9400
FEDERAL	209A	"HI-SKOR" 700-X	17.5	CB.	CB1118-12	11/8	1200	10700
FEDERAL	209A	"HI-SKOR" 700-X	18.5	CB.	CB1118-12	11/8	1245	11500
FEDERAL	209A	"HI-SKOR" 700-X	15.5	REM.	FIG8	11/8	1100	8900
FEDERAL	209A	"HI-SKOR" 700-X	16.5	REM.	FIG8	11/8	1145	9600
FEDERAL	209A	"HI-SKOR" 700-X	18.0	REM.	FIG8	11/8	1205	10600
FEDERAL	209A	"HI-SKOR" 700-X	19.0	REM.	FIG8	11/8	1240	11200
FEDERAL	209A	"HI-SKOR" 700-X	15.5	FED.	12S3	11/8	1100	9000
FEDERAL	209A	"HI-SKOR" 700-X	16.5	FED.	12S3	11/8	1145	9900
FEDERAL	209A	"HI-SKOR" 700-X	18.0	FED.	12S3	11/8	1205	11200
REMINGTON	209P	"HI-SKOR" 700-X	15.5	WIN.	WAA12	11/8	1095	8200
REMINGTON	209P	"HI-SKOR" 700-X	17.0	WIN.	WAA12	11/8	1150	9000
REMINGTON	209P	"HI-SKOR" 700-X	18.5	WIN.	WAA12	11/8	1205	9800
REMINGTON	209P	"HI-SKOR" 700-X	20.0	WIN.	WAA12	11/8	1260	10800
REMINGTON	209P	"HI-SKOR" 700-X	16.0	WTW.	WINDJAMMER	11/8	1090	6800
REMINGTON	209P	"HI-SKOR" 700-X	17.5	WTW.	WINDJAMMER	11/8	1145	7600
REMINGTON	209P	"HI-SKOR" 700-X	19.0	WTW.	WINDJAMMER	11/8	1195	8500
REMINGTON	209P	"HI-SKOR" 700-X	20.5	WTW.	WINDJAMMER	11/8	1245	9300
REMINGTON	209P	"HI-SKOR" 700-X	15.5	CB.	CB1118-12	11/8	1090	6900
REMINGTON	209P	"HI-SKOR" 700-X	17.0	CB.	CB1118-12	11/8	1150	7900
REMINGTON	209P	"HI-SKOR" 700-X	18.0	CB.	CB1118-12	11/8	1195	8900
REMINGTON	209P	"HI-SKOR" 700-X	19.5	CB.	CB1118-12	11/8	1255	10400
REMINGTON	209P	"HI-SKOR" 700-X	16.0	REM.	FIG8	11/8	1100	7900
REMINGTON	209P	"HI-SKOR" 700-X	17.0	REM.	FIG8	11/8	1145	8400
REMINGTON	209P	"HI-SKOR" 700-X	18.5	REM.	FIG8	11/8	1205	9500
REMINGTON	209P	"HI-SKOR" 700-X	19.5	REM.	FIG8	11/8	1250	10200
REMINGTON	209P	"HI-SKOR" 700-X	15.5	FED.	12S3	11/8	1090	7800
REMINGTON	209P	"HI-SKOR" 700-X	16.5	FED.	12S3	11/8	1135	8600
REMINGTON	209P	"HI-SKOR" 700-X	18.0	FED.	12S3	11/8	1190	9700
REMINGTON	209P	"HI-SKOR" 700-X	19.5	FED.	12S3	11/8	1250	10900

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
		DESIGNATION	GRAINS	MFR.	DESIGNATION			
SHELL: WINCHESTER AA								
WINCHESTER	209	"HI-SKOR" 700-X	15.5	WIN.	WAA12	11/8	1105	9200
WINCHESTER	209	"HI-SKOR" 700-X	16.5	WIN.	WAA12	11/8	1150	10100
WINCHESTER	209	"HI-SKOR" 700-X	17.5	WIN.	WAA12	11/8	1190	10800
WINCHESTER	209	"HI-SKOR" 700-X	15.5	WTW.	WINDJAMMER	11/8	1110	8100
WINCHESTER	209	"HI-SKOR" 700-X	16.5	WTW.	WINDJAMMER	11/8	1150	8900
WINCHESTER	209	"HI-SKOR" 700-X	17.5	WTW.	WINDJAMMER	11/8	1195	9700
WINCHESTER	209	"HI-SKOR" 700-X	19.0	WTW.	WINDJAMMER	11/8	1250	11000
WINCHESTER	209	"HI-SKOR" 700-X	15.5	CB.	CB1118-12	11/8	1105	8600
WINCHESTER	209	"HI-SKOR" 700-X	16.5	CB.	CB1118-12	11/8	1150	9500
WINCHESTER	209	"HI-SKOR" 700-X	17.5	CB.	CB1118-12	11/8	1195	10200
WINCHESTER	209	"HI-SKOR" 700-X	19.0	CB.	CB1118-12	11/8	1255	11200
WINCHESTER	209	"HI-SKOR" 700-X	15.5	REM.	FIG8	11/8	1090	8300
WINCHESTER	209	"HI-SKOR" 700-X	16.5	REM.	FIG8	11/8	1135	9000
WINCHESTER	209	"HI-SKOR" 700-X	18.0	REM.	FIG8	11/8	1200	10200
WINCHESTER	209	"HI-SKOR" 700-X	19.5	REM.	FIG8	11/8	1255	11400
WINCHESTER	209	"HI-SKOR" 700-X	15.5	FED.	12S3	11/8	1100	9500
WINCHESTER	209	"HI-SKOR" 700-X	16.5	FED.	12S3	11/8	1150	10400
WINCHESTER	209	"HI-SKOR" 700-X	17.5	FED.	12S3	11/8	1190	11100
FEDERAL	209A	PB	19.0	WIN.	WAA12	11/8	1100	7500
FEDERAL	209A	PB	20.5	WIN.	WAA12	11/8	1150	8200
FEDERAL	209A	PB	22.0	WIN.	WAA12	11/8	1205	8900
FEDERAL	209A	PB	23.5	WIN.	WAA12	11/8	1260	9700
FEDERAL	209A	PB	19.5	WTW.	WINDJAMMER	11/8	1100	6400
FEDERAL	209A	PB	21.0	WTW.	WINDJAMMER	11/8	1155	7000
FEDERAL	209A	PB	22.5	WTW.	WINDJAMMER	11/8	1205	7800
FEDERAL	209A	PB	24.0	WTW.	WINDJAMMER	11/8	1260	8700
FEDERAL	209A	PB	19.5	CB.	CB1118-12	11/8	1105	6600
FEDERAL	209A	PB	21.0	CB.	CB1118-12	11/8	1155	7400
FEDERAL	209A	PB	22.5	CB.	CB1118-12	11/8	1205	7900
FEDERAL	209A	PB	24.0	CB.	CB1118-12	11/8	1255	8600
FEDERAL	209A	PB	19.5	REM.	RXP12	11/8	1105	7100
FEDERAL	209A	PB	20.5	REM.	RXP12	11/8	1140	7600
FEDERAL	209A	PB	22.0	REM.	RXP12	11/8	1195	8400
FEDERAL	209A	PB	23.5	REM.	RXP12	11/8	1250	9300
FEDERAL	209A	PB	19.0	FED.	12S4	11/8	1100	7600
FEDERAL	209A	PB	20.5	FED.	12S4	11/8	1150	8300
FEDERAL	209A	PB	22.0	FED.	12S4	11/8	1200	9100
FEDERAL	209A	PB	23.5	FED.	12S4	11/8	1255	10100
REMINGTON	209P	PB	20.0	WIN.	WAA12	11/8	1100	6500
REMINGTON	209P	PB	21.0	WIN.	WAA12	11/8	1140	7100
REMINGTON	209P	PB	23.0	WIN.	WAA12	11/8	1200	7700
REMINGTON	209P	PB	24.5	WIN.	WAA12	11/8	1260	8800
REMINGTON	209P	PB	20.0	WTW.	WINDJAMMER	11/8	1095	5700
REMINGTON	209P	PB	21.5	WTW.	WINDJAMMER	11/8	1145	6400
REMINGTON	209P	PB	23.0	WTW.	WINDJAMMER	11/8	1205	7300
REMINGTON	209P	PB	24.5	WTW.	WINDJAMMER	11/8	1255	7900
REMINGTON	209P	PB	20.5	CB.	CB1118-12	11/8	1100	5500
REMINGTON	209P	PB	21.5	CB.	CB1118-12	11/8	1140	6100
REMINGTON	209P	PB	23.0	CB.	CB1118-12	11/8	1200	7100
REMINGTON	209P	PB	24.5	CB.	CB1118-12	11/8	1250	7700
REMINGTON	209P	PB	20.0	REM.	RXP12	11/8	1100	6400
REMINGTON	209P	PB	21.0	REM.	RXP12	11/8	1140	7000
REMINGTON	209P	PB	22.5	REM.	RXP12	11/8	1200	8000
REMINGTON	209P	PB	24.0	REM.	RXP12	11/8	1255	8900
REMINGTON	209P	PB	19.5	FED.	12S4	11/8	1095	6900
REMINGTON	209P	PB	20.5	FED.	12S4	11/8	1140	7700
REMINGTON	209P	PB	22.0	FED.	12S4	11/8	1195	8600
REMINGTON	209P	PB	24.0	FED.	12S4	11/8	1260	9600
WINCHESTER	209	PB	19.5	WIN.	WAA12	11/8	1095	6900
WINCHESTER	209	PB	21.0	WIN.	WAA12	11/8	1150	7700
WINCHESTER	209	PB	22.5	WIN.	WAA12	11/8	1205	8600
WINCHESTER	209	PB	24.0	WIN.	WAA12	11/8	1265	9400
WINCHESTER	209	PB	20.0	WTW.	WINDJAMMER	11/8	1100	6200
WINCHESTER	209	PB	21.5	WTW.	WINDJAMMER	11/8	1155	6900
WINCHESTER	209	PB	23.0	WTW.	WINDJAMMER	11/8	1205	7400
WINCHESTER	209	PB	24.5	WTW.	WINDJAMMER	11/8	1260	8400
WINCHESTER	209	PB	20.0	CB.	CB1118-12	11/8	1100	6300
WINCHESTER	209	PB	21.5	CB.	CB1118-12	11/8	1155	7000
WINCHESTER	209	PB	23.0	CB.	CB1118-12	11/8	1210	7900
WINCHESTER	209	PB	24.0	CB.	CB1118-12	11/8	1250	8500
WINCHESTER	209	PB	20.0	REM.	RXP12	11/8	1110	6900
WINCHESTER	209	PB	21.0	REM.	RXP12	11/8	1155	7500
WINCHESTER	209	PB	22.5	REM.	RXP12	11/8	1205	8500

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: WINCHESTER AA								
WINCHESTER	209	PB	24.0	REM.	RXP12	11/8	1265	9500
WINCHESTER	209	PB	19.5	FED.	12S4	11/8	1105	7400
WINCHESTER	209	PB	20.5	FED.	12S4	11/8	1145	8000
WINCHESTER	209	PB	22.0	FED.	12S4	11/8	1200	8900
WINCHESTER	209	PB	23.5	FED.	12S4	11/8	1255	9900
FEDERAL	209A	SR7625	21.0	WIN.	WAA12	11/8	1100	6800
FEDERAL	209A	SR7625	22.5	WIN.	WAA12	11/8	1155	7400
FEDERAL	209A	SR7625	23.5	WIN.	WAA12	11/8	1190	7900
FEDERAL	209A	SR7625	25.5	WIN.	WAA12	11/8	1260	9100
FEDERAL	209A	SR7625	22.0	WTW.	WINDJAMMER	11/8	1095	5400
FEDERAL	209A	SR7625	23.5	WTW.	WINDJAMMER	11/8	1155	6400
FEDERAL	209A	SR7625	24.5	WTW.	WINDJAMMER	11/8	1200	7200
FEDERAL	209A	SR7625	25.5	WTW.	WINDJAMMER	11/8	1245	7900
FEDERAL	209A	SR7625	21.5	CB.	CB1118-12	11/8	1105	6300
FEDERAL	209A	SR7625	22.5	CB.	CB1118-12	11/8	1145	6800
FEDERAL	209A	SR7625	24.0	CB.	CB1118-12	11/8	1195	7600
FEDERAL	209A	SR7625	25.5	CB.	CB1118-12	11/8	1250	8400
FEDERAL	209A	SR7625	21.5	REM.	RXP12	11/8	1095	6100
FEDERAL	209A	SR7625	22.5	REM.	RXP12	11/8	1140	6800
FEDERAL	209A	SR7625	24.0	REM.	RXP12	11/8	1195	7700
FEDERAL	209A	SR7625	25.5	REM.	RXP12	11/8	1250	8600
FEDERAL	209A	SR7625	21.0	FED.	12S4	11/8	1100	6800
FEDERAL	209A	SR7625	22.5	FED.	12S4	11/8	1155	7600
FEDERAL	209A	SR7625	23.5	FED.	12S4	11/8	1195	8300
FEDERAL	209A	SR7625	25.0	FED.	12S4	11/8	1255	9300
REMINGTON	209P	SR7625	22.0	WIN.	WAA12	11/8	1110	6000
REMINGTON	209P	SR7625	23.0	WIN.	WAA12	11/8	1145	6400
REMINGTON	209P	SR7625	24.5	WIN.	WAA12	11/8	1195	7200
REMINGTON	209P	SR7625	26.0	WIN.	WAA12	11/8	1255	8000
REMINGTON	209P	SR7625	22.0	WTW.	WINDJAMMER	11/8	1095	5100
REMINGTON	209P	SR7625	23.5	WTW.	WINDJAMMER	11/8	1150	5900
REMINGTON	209P	SR7625	24.5	WTW.	WINDJAMMER	11/8	1190	6400
REMINGTON	209P	SR7625	26.0	WTW.	WINDJAMMER	11/8	1250	7200
REMINGTON	209P	SR7625	22.0	CB.	CB1118-12	11/8	1105	5600
REMINGTON	209P	SR7625	23.0	CB.	CB1118-12	11/8	1145	6300
REMINGTON	209P	SR7625	24.5	CB.	CB1118-12	11/8	1205	7300
REMINGTON	209P	SR7625	25.5	CB.	CB1118-12	11/8	1250	8000
REMINGTON	209P	SR7625	22.0	REM.	RXP12	11/8	1105	5800
REMINGTON	209P	SR7625	23.0	REM.	RXP12	11/8	1145	6300
REMINGTON	209P	SR7625	24.5	REM.	RXP12	11/8	1205	7400
REMINGTON	209P	SR7625	25.5	REM.	RXP12	11/8	1250	8200
REMINGTON	209P	SR7625	21.5	FED.	12S4	11/8	1100	6500
REMINGTON	209P	SR7625	22.5	FED.	12S4	11/8	1145	7200
REMINGTON	209P	SR7625	24.0	FED.	12S4	11/8	1205	8100
REMINGTON	209P	SR7625	25.5	FED.	12S4	11/8	1255	9100
WINCHESTER	209	SR7625	21.0	WIN.	WAA12	1 1/8	1090	6400
WINCHESTER	209	SR7625	22.5	WIN.	WAA12	1 1/8	1150	7300
WINCHESTER	209	SR7625	23.5	WIN.	WAA12	1 1/8	1190	7900
WINCHESTER	209	SR7625	25.5	WIN.	WAA12	1 1/8	1265	9600
WINCHESTER	209	SR7625	22.0	WTW.	WINDJAMMER	1 1/8	1105	5700
WINCHESTER	209	SR7625	23.0	WTW.	WINDJAMMER	1 1/8	1140	6200
WINCHESTER	209	SR7625	24.5	WTW.	WINDJAMMER	1 1/8	1200	6900
WINCHESTER	209	SR7625	26.0	WTW.	WINDJAMMER	1 1/8	1255	7900
WINCHESTER	209	SR7625	21.5	CB.	CB1118-12	1 1/8	1100	6000
WINCHESTER	209	SR7625	22.5	CB.	CB1118-12	1 1/8	1145	6500
WINCHESTER	209	SR7625	24.0	CB.	CB1118-12	1 1/8	1195	7300
WINCHESTER	209	SR7625	26.0	CB.	CB1118-12	1 1/8	1265	8200
WINCHESTER	209	SR7625	22.0	REM.	RXP12	1 1/8	1105	6200
WINCHESTER	209	SR7625	23.0	REM.	RXP12	1 1/8	1145	6600
WINCHESTER	209	SR7625	24.5	REM.	RXP12	1 1/8	1200	7500
WINCHESTER	209	SR7625	26.0	REM.	RXP12	1 1/8	1255	8300
WINCHESTER	209	SR7625	21.0	FED.	12S4	1 1/8	1095	6700
WINCHESTER	209	SR7625	22.5	FED.	12S4	1 1/8	1145	7500
WINCHESTER	209	SR7625	24.0	FED.	12S4	1 1/8	1200	8400
WINCHESTER	209	SR7625	25.5	FED.	12S4	1 1/8	1260	9200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE 2³/₄ INCH 1 1/8 OUNCE LOADS (Cont'd)

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MFR.	PRIMER		IMR POWDER		WAD COLUMN		LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION				
SHELL: WINCHESTER AA									
CCI	209	"HI-SKOR" 800-X	20.5	WIN.	WAA12	1 1/8	1095	5800	
CCI	209	"HI-SKOR" 800-X	22.0	WIN.	WAA12	1 1/8	1155	6500	
CCI	209	"HI-SKOR" 800-X	23.0	WIN.	WAA12	1 1/8	1195	7000	
CCI	209	"HI-SKOR" 800-X	24.5	WIN.	WAA12	1 1/8	1250	7700	
CCI	209	"HI-SKOR" 800-X	21.5	WTW.	WINDJAMMER	1 1/8	1100	4800	
CCI	209	"HI-SKOR" 800-X	22.5	WTW.	WINDJAMMER	1 1/8	1150	5400	
CCI	209	"HI-SKOR" 800-X	24.0	WTW.	WINDJAMMER	1 1/8	1195	5800	
CCI	209	"HI-SKOR" 800-X	26.0	WTW.	WINDJAMMER	1 1/8	1260	6200	
CCI	209	"HI-SKOR" 800-X	21.0	CB.	CB1118-12	1 1/8	1095	5000	
CCI	209	"HI-SKOR" 800-X	22.5	CB.	CB1118-12	1 1/8	1150	5400	
CCI	209	"HI-SKOR" 800-X	24.0	CB.	CB1118-12	1 1/8	1200	6100	
CCI	209	"HI-SKOR" 800-X	25.5	CB.	CB1118-12	1 1/8	1250	6700	
CCI	209	"HI-SKOR" 800-X	21.0	REM.	FIG8	1 1/8	1095	5200	
CCI	209	"HI-SKOR" 800-X	22.0	REM.	FIG8	1 1/8	1135	5700	
CCI	209	"HI-SKOR" 800-X	23.5	REM.	FIG8	1 1/8	1195	6300	
CCI	209	"HI-SKOR" 800-X	25.5	REM.	FIG8	1 1/8	1260	6900	
CCI	209	"HI-SKOR" 800-X	20.5	FED.	12S3	1 1/8	1090	5800	
CCI	209	"HI-SKOR" 800-X	22.0	FED.	12S3	1 1/8	1150	6400	
CCI	209	"HI-SKOR" 800-X	23.0	FED.	12S3	1 1/8	1190	6800	
CCI	209	"HI-SKOR" 800-X	24.5	FED.	12S3	1 1/8	1255	7800	
FEDERAL									
FEDERAL	209A	"HI-SKOR" 800-X	20.0	WIN.	WAA12	1 1/8	1105	6600	
FEDERAL	209A	"HI-SKOR" 800-X	21.0	WIN.	WAA12	1 1/8	1140	7000	
FEDERAL	209A	"HI-SKOR" 800-X	22.5	WIN.	WAA12	1 1/8	1200	7800	
FEDERAL	209A	"HI-SKOR" 800-X	24.0	WIN.	WAA12	1 1/8	1260	8600	
FEDERAL	209A	"HI-SKOR" 800-X	21.0	WTW	WINDJAMMER	1 1/8	1105	5100	
FEDERAL	209A	"HI-SKOR" 800-X	22.0	WTW	WINDJAMMER	1 1/8	1150	5800	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	WTW	WINDJAMMER	1 1/8	1195	6500	
FEDERAL	209A	"HI-SKOR" 800-X	24.5	WTW	WINDJAMMER	1 1/8	1265	7600	
FEDERAL	209A	"HI-SKOR" 800-X	20.5	CB	CB1118-2	1 1/8	1095	5600	
FEDERAL	209A	"HI-SKOR" 800-X	22.0	CB	CB1118-2	1 1/8	1155	6300	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	CB	CB1118-2	1 1/8	1195	6800	
FEDERAL	209A	"HI-SKOR" 800-X	24.5	CB	CB1118-2	1 1/8	1250	7500	
FEDERAL	209A	"HI-SKOR" 800-X	20.5	REM.	FIG8	1 1/8	1090	5200	
FEDERAL	209A	"HI-SKOR" 800-X	21.5	REM.	FIG8	1 1/8	1135	5700	
FEDERAL	209A	"HI-SKOR" 800-X	23.0	REM.	FIG8	1 1/8	1200	6700	
FEDERAL	209A	"HI-SKOR" 800-X	24.5	REM.	RIG8	1 1/8	1260	7700	
FEDERAL	209A	"HI-SKOR" 800-X	19.5	FED.	12S3	1 1/8	1095	6400	
FEDERAL	209A	"HI-SKOR" 800-X	21.0	FED.	12S3	1 1/8	1150	7100	
FEDERAL	209A	"HI-SKOR" 800-X	22.5	FED.	12S3	1 1/8	1200	7800	
FEDERAL	209A	"HI-SKOR" 800-X	24.0	FED.	12S3	1 1/8	1255	8500	
WINCHESTER									
WINCHESTER	209	"HI-SKOR" 800-X	20.0	WIN.	WAA12	1 1/8	1100	6600	
WINCHESTER	209	"HI-SKOR" 800-X	21.0	WIN.	WAA12	1 1/8	1145	7200	
WINCHESTER	209	"HI-SKOR" 800-X	22.0	WIN.	WAA12	1 1/8	1190	7800	
WINCHESTER	209	"HI-SKOR" 800-X	24.0	WIN.	WAA12	1 1/8	1265	8800	
WINCHESTER	209	"HI-SKOR" 800-X	20.5	WTW	WINDJAMMER	1 1/8	1095	5400	
WINCHESTER	209	"HI-SKOR" 800-X	21.5	WTW	WINDJAMMER	1 1/8	1145	6000	
WINCHESTER	209	"HI-SKOR" 800-X	22.5	WTW	WINDJAMMER	1 1/8	1190	6700	
WINCHESTER	209	"HI-SKOR" 800-X	24.0	WTW	WINDJAMMER	1 1/8	1260	7700	
WINCHESTER	209	"HI-SKOR" 800-X	20.0	CB	CB1118-12	1 1/8	1095	5800	
WINCHESTER	209	"HI-SKOR" 800-X	21.5	CB	CB1118-12	1 1/8	1150	6500	
WINCHESTER	209	"HI-SKOR" 800-X	23.0	CB	CB1118-12	1 1/8	1205	7100	
WINCHESTER	209	"HI-SKOR" 800-X	24.5	CB	CB1118-12	1 1/8	1260	7800	
WINCHESTER	209	"HI-SKOR" 800-X	20.0	REM.	FIG8	1 1/8	1105	6100	
WINCHESTER	209	"HI-SKOR" 800-X	21.0	REM.	FIG8	1 1/8	1150	6600	
WINCHESTER	209	"HI-SKOR" 800-X	22.5	REM.	FIG8	1 1/8	1195	7000	
WINCHESTER	209	"HI-SKOR" 800-X	24.5	REM.	FIG8	1 1/8	1255	7700	
WINCHESTER	209	"HI-SKOR" 800-X	20.0	FED.	12S3	1 1/8	1100	6500	
WINCHESTER	209	"HI-SKOR" 800-X	21.5	FED.	12S3	1 1/8	1155	7100	
WINCHESTER	209	"HI-SKOR" 800-X	22.5	FED.	12S3	1 1/8	1195	7600	
WINCHESTER	209	"HI-SKOR" 800-X	24.0	FED.	12S3	1 1/8	1250	8400	
SHELL: FIOCCHI (PURPLE)									
FIOCCHI	616	"HI-SKOR" 700-X	17.0	FIOCCHI	12GW	1 1/8	1145	9100	
FIOCCHI	616	"HI-SKOR" 700-X	17.5	CLAYBUSTER	CB-1100-12	1 1/8	1145	8000	
FEDERAL	209A	"HI-SKOR" 700-X	16.5	FIOCCHI	12GW	1 1/8	1145	9700	
FEDERAL	209A	"HI-SKOR" 700-X	17.0	CLAYBUSTER	CB-1100-12	1 1/8	1145	8300	
REMINGTON	209STS	"HI-SKOR" 700-X	17.0	FIOCCHI	12GW	1 1/8	1145	8900	
REMINGTON	209STS	"HI-SKOR" 700-X	17.0	CLAYBUSTER	CB-1100-12	1 1/8	1145	7900	

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

20 GAUGE 2¾ INCH 7/8 OUNCE LOADS

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: FIOCCHI (PURPLE)								
WINCHESTER	209	"HI-SKOR" 700-X	17.0	FIOCCHI	12GW	1 1/8	1145	8800
WINCHESTER	209	"HI-SKOR" 700-X	17.5	CLAYBUSTER	CB-1100-12	1 1/8	1145	8000
FIOCCHI	616	"HI-SKOR" 700-X	18.0	FIOCCHI	12GW	1 1/8	1200	9800
FIOCCHI	616	"HI-SKOR" 700-X	18.5	CLAYBUSTER	CB-1100-12	1 1/8	1200	9000
FEDERAL	209A	"HI-SKOR" 700-X	17.5	FIOCCHI	12GW	1 1/8	1200	10600
FEDERAL	209A	"HI-SKOR" 700-X	18.0	CLAYBUSTER	CB-1100-12	1 1/8	1200	9700
REMINGTON	209STS	"HI-SKOR" 700-X	18.0	FIOCCHI	12GW	1 1/8	1200	9900
REMINGTON	209STS	"HI-SKOR" 700-X	18.0	CLAYBUSTER	CB-1100-12	1 1/8	1200	8800
WINCHESTER	209	"HI-SKOR" 700-X	18.0	FIOCCHI	12GW	1 1/8	1200	10000
WINCHESTER	209	"HI-SKOR" 700-X	18.5	CLAYBUSTER	CB-1100-12	1 1/8	1200	8800
SHELL: FEDERAL 2 3/4" PLASTIC TARGET/HUNTING								
FEDERAL	209A	"HI-SKOR" 700-X	14.5	WIN.	WAA20	7/8	1210	11700
FEDERAL	209A	"HI-SKOR" 700-X	14.5	WTW	WINDJAMMER	7/8	1210	11800
FEDERAL	209A	"HI-SKOR" 700-X	14.0	CB.	CB1078-20	7/8	1190	11400
FEDERAL	209A	"HI-SKOR" 700-X	14.5	REM.	RXP 20	7/8	1210	11500
FEDERAL	209A	"HI-SKOR" 700-X	14.0	FED.	20S1	7/8	1190	11900
REMINGTON	209P	"HI-SKOR" 700-X	14.5	WIN.	WAA20	7/8	1210	11200
REMINGTON	209P	"HI-SKOR" 700-X	14.5	WTW	WINDJAMMER	7/8	1205	11400
REMINGTON	209P	"HI-SKOR" 700-X	14.5	CB.	CB1078-20	7/8	1205	11300
REMINGTON	209P	"HI-SKOR" 700-X	15.0	REM.	RXP 20	7/8	1215	11100
REMINGTON	209P	"HI-SKOR" 700-X	14.5	FED.	20S1	7/8	1205	11600
WINCHESTER	209	"HI-SKOR" 700-X	14.5	WIN.	WAA20	7/8	1210	11200
WINCHESTER	209	"HI-SKOR" 700-X	14.5	WTW	WINDJAMMER	7/8	1205	11200
WINCHESTER	209	"HI-SKOR" 700-X	14.0	CB.	CB1078-20	7/8	1190	11000
WINCHESTER	209	"HI-SKOR" 700-X	14.5	REM.	RXP 20	7/8	1205	11000
WINCHESTER	209	"HI-SKOR" 700-X	14.5	FED.	20S1	7/8	1210	11800
FEDERAL	209A	PB	17.5	WIN.	WAA20	7/8	1200	9400
FEDERAL	209A	PB	17.5	WTW	WINDJAMMER	7/8	1200	9500
FEDERAL	209A	PB	17.0	CB.	CB1078-20	7/8	1195	9800
FEDERAL	209A	PB	17.5	REM.	RXP 20	7/8	1205	9300
FEDERAL	209A	PB	17.5	FED.	20S1	7/8	1210	10000
REMINGTON	209P	PB	17.5	WIN.	WAA20	7/8	1200	9300
REMINGTON	209P	PB	18.0	WTW	WINDJAMMER	7/8	1210	9500
REMINGTON	209P	PB	17.5	CB.	CB1078-20	7/8	1200	9300
REMINGTON	209P	PB	17.5	REM.	RXP 20	7/8	1200	8900
REMINGTON	209P	PB	17.5	FED.	20S1	7/8	1200	9400
WINCHESTER	209	PB	17.5	WIN.	WAA20	7/8	1200	9400
WINCHESTER	209	PB	17.5	WTW	WINDJAMMER	7/8	1195	9500
WINCHESTER	209	PB	17.5	CB.	CB1078-20	7/8	1200	9500
WINCHESTER	209	PB	18.0	REM.	RXP 20	7/8	1195	9000
WINCHESTER	209	PB	17.5	FED.	20S1	7/8	1210	10100
FEDERAL	209A	SR7625	18.5	WIN.	WAA20	7/8	1210	9200
FEDERAL	209A	SR7625	18.5	WTW	WINDJAMMER	7/8	1190	8600
FEDERAL	209A	SR7625	18.5	CB.	CB1078-20	7/8	1210	9500
FEDERAL	209A	SR7625	19.0	REM.	RXP 20	7/8	1210	8700
FEDERAL	209A	SR7625	18.5	FED.	20S1	7/8	1195	8700
REMINGTON	209P	SR7625	18.5	WIN.	WAA20	7/8	1195	8500
REMINGTON	209P	SR7625	19.0	WTW	WINDJAMMER	7/8	1200	8300
REMINGTON	209P	SR7625	18.5	CB.	CB1078-20	7/8	1195	8600
REMINGTON	209P	SR7625	19.5	REM.	RXP 20	7/8	1205	8300
REMINGTON	209P	SR7625	19.0	FED.	20S1	7/8	1200	8300
WINCHESTER	209	SR7625	18.5	WIN.	WAA20	7/8	1195	8400
WINCHESTER	209	SR7625	19.0	WTW	WINDJAMMER	7/8	1200	9100
WINCHESTER	209	SR7625	18.5	CB.	CB1078-20	7/8	1210	9000
WINCHESTER	209	SR7625	18.5	REM.	RXP 20	7/8	1195	8500
WINCHESTER	209	SR7625	18.5	FED.	20S1	7/8	1195	8600

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

20 GAUGE 2¾ INCH 7/8 OUNCE LOADS (Cont'd)

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PRIMER MFR.	NO.	IMR POWDER DESIGNATION	GRAINS	WAD COLUMN MFR.	DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC TARGET/HUNTING								
FEDERAL	209A	"HI-SKOR" 800-X	17.5	WIN.	WAA20	7/8	1205	8000
FEDERAL	209A	"HI-SKOR" 800-X	17.5	WTW	WINDJAMMER	7/8	1205	8000
FEDERAL	209A	"HI-SKOR" 800-X	17.0	CB.	CB1078-20	7/8	1190	7800
FEDERAL	209A	"HI-SKOR" 800-X	17.5	REM.	RXP 20	7/8	1200	7600
FEDERAL	209A	"HI-SKOR" 800-X	17.0	FED.	20S1	7/8	1190	8200
REMINGTON	209P	"HI-SKOR" 800-X	17.5	WIN.	WAA20	7/8	1200	7600
REMINGTON	209P	"HI-SKOR" 800-X	17.0	WTW	WINDJAMMER	7/8	1195	7300
REMINGTON	209P	"HI-SKOR" 800-X	17.5	CB.	CB1078-20	7/8	1205	7900
REMINGTON	209P	"HI-SKOR" 800-X	18.0	REM.	RXP 20	7/8	1210	7600
REMINGTON	209P	"HI-SKOR" 800-X	17.5	FED.	20S1	7/8	1195	7900
WINCHESTER	209	"HI-SKOR" 800-X	17.5	WIN.	WAA20	7/8	1210	8100
WINCHESTER	209	"HI-SKOR" 800-X	17.5	WTW	WINDJAMMER	7/8	1200	8000
WINCHESTER	209	"HI-SKOR" 800-X	17.0	CB.	CB1078-20	7/8	1195	8100
WINCHESTER	209	"HI-SKOR" 800-X	17.5	REM.	RXP 20	7/8	1210	8000
WINCHESTER	209	"HI-SKOR" 800-X	17.5	FED.	20S1	7/8	1200	8300
FEDERAL	209A	SR4756	20.5	WIN.	WAA20F1	7/8	1205	8500
FEDERAL	209A	SR4756	20.5	WTW	WINDJAMMER	7/8	1210	8700
FEDERAL	209A	SR4756	21.0	REM.	RXP 20	7/8	1200	7800
FEDERAL	209A	SR4756	20.5	FED.	20S1	7/8	1210	8700
REMINGTON	209P	SR4756	21.5	WIN.	WAA20F1	7/8	1200	7900
REMINGTON	209P	SR4756	21.5	WTW	WINDJAMMER	7/8	1200	7900
REMINGTON	209P	SR4756	21.5	REM.	RXP 20	7/8	1180	7000
REMINGTON	209P	SR4756	21.5	FED.	20S1	7/8	1205	7600
WINCHESTER	209	SR4756	20.5	WIN.	WAA20F1	7/8	1195	8200
WINCHESTER	209	SR4756	20.5	WTW	WINDJAMMER	7/8	1195	8300
WINCHESTER	209	SR4756	21.0	REM.	RXP 20	7/8	1205	7900
WINCHESTER	209	SR4756	20.5	FED.	20S1	7/8	1205	8500
SHELL: REMINGTON PREMIER (RTL)								
FEDERAL	209A	PB	15.5	WTW	WINDJAMMER	7/8	1185	11900
FEDERAL	209A	PB	16.0	REM.	RXP 20	7/8	1195	11600
FEDERAL	209A	PB	15.0	REM.	20S1	7/8	1160	11900
FEDERAL	209A	PB	16.0	WIN.	WAA20F1	7/8	1210	11900
REMINGTON	209P	PB	16.0	WTW	WINDJAMMER	7/8	1210	11700
REMINGTON	209P	PB	16.0	CB.	CB1078-20	7/8	1195	11800
REMINGTON	209P	PB	16.0	REM.	RXP 20	7/8	1195	11000
REMINGTON	209P	PB	15.5	FED.	20S1	7/8	1185	11800
REMINGTON	209P	PB	16.0	WIN.	WAA20F1	7/8	1195	11400
WINCHESTER	209	PB	16.0	WTW	WINDJAMMER	7/8	1200	11700
WINCHESTER	209	PB	16.0	CB.	CB1078-20	7/8	1195	11700
WINCHESTER	209	PB	16.0	REM.	RXP 20	7/8	1190	11100
WINCHESTER	209	PB	16.0	WIN.	WAA20F1	7/8	1190	11100
FEDERAL	209A	SR7625	16.5	WIN.	WAA20	7/8	1205	12000
FEDERAL	209A	SR7625	16.5	WTW	WINDJAMMER	7/8	1200	11400
FEDERAL	209A	SR7625	16.5	CB.	CB1078-20	7/8	1195	11400
FEDERAL	209A	SR7625	17.0	REM.	RXP 20	7/8	1210	11000
FEDERAL	209A	SR7625	16.5	FED.	20S1	7/8	1190	12000
REMINGTON	209P	SR7625	17.0	WIN.	WAA20	7/8	1205	11000
REMINGTON	209P	SR7625	17.0	WTW	WINDJAMMER	7/8	1210	11000
REMINGTON	209P	SR7625	17.0	CB.	CB1078-20	7/8	1205	11000
REMINGTON	209P	SR7625	17.0	REM.	RXP 20	7/8	1190	10100
REMINGTON	209P	SR7625	17.0	FED.	20S1	7/8	1195	11100
WINCHESTER	209	SR7625	17.0	WIN.	WAA20	7/8	1200	10900
WINCHESTER	209	SR7625	17.0	WTW	WINDJAMMER	7/8	1200	10800
WINCHESTER	209	SR7625	17.0	CB.	CB1078-20	7/8	1205	11100
WINCHESTER	209	SR7625	17.0	REM.	RXP 20	7/8	1195	10300
WINCHESTER	209	SR7625	17.0	FED.	20S1	7/8	1210	11800
FEDERAL	209A	"HI-SKOR" 800-X	16.0	WIN.	WAA20	7/8	1195	9300
FEDERAL	209A	"HI-SKOR" 800-X	16.0	WTW	WINDJAMMER	7/8	1200	9500
FEDERAL	209A	"HI-SKOR" 800-X	16.0	CB.	CB1078-20	7/8	1215	9900
FEDERAL	209A	"HI-SKOR" 800-X	16.0	REM.	RXP 20	7/8	1190	9100
FEDERAL	209A	"HI-SKOR" 800-X	16.0	FED.	20S1	7/8	1210	10000

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

20 GAUGE 2¾ INCH 7/8 OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON PREMIER (RTL)								
REMINGTON	209P	"HI-SKOR" 800-X	16.5	WIN.	WAA20	7/8	1205	9100
REMINGTON	209P	"HI-SKOR" 800-X	16.5	WTW	WINDJAMMER	7/8	1210	9500
REMINGTON	209P	"HI-SKOR" 800-X	16.0	CB.	CB1078-20	7/8	1205	9500
REMINGTON	209P	"HI-SKOR" 800-X	16.5	REM.	RXP 20	7/8	1200	9100
REMINGTON	209P	"HI-SKOR" 800-X	16.0	FED.	20S1	7/8	1195	9600
WINCHESTER	209	"HI-SKOR" 800-X	16.0	WIN.	WAA20	7/8	1190	9300
WINCHESTER	209	"HI-SKOR" 800-X	16.0	WTW	WINDJAMMER	7/8	1190	9500
WINCHESTER	209	"HI-SKOR" 800-X	16.0	CB.	CB1078-20	7/8	1205	9600
WINCHESTER	209	"HI-SKOR" 800-X	16.5	REM.	RXP 20	7/8	1210	9500
WINCHESTER	209	"HI-SKOR" 800-X	16.0	FED.	20S1	7/8	1200	9600
FEDERAL	209A	SR4756	17.5	WIN.	WAA20F1	7/8	1190	10200
FEDERAL	209A	SR4756	17.5	REM.	SP20	7/8	1195	10600
REMINGTON	209P	SR4756	18.5	WIN.	WAA20F1	7/8	1195	9500
REMINGTON	209P	SR4756	18.5	REM.	SP20	7/8	1205	10200
WINCHESTER	209	SR4756	19.0	WIN.	WAA20F1	7/8	1205	9600
WINCHESTER	209	SR4756	18.5	REM.	SP20	7/8	1205	10300
SHELL: WINCHESTER AA								
REMINGTON	209P	"HI-SKOR" 700-X	13.0	REM.	RXP 20	7/8	1160	11800
FEDERAL	209A	PB	15.5	WIN.	WAA20	7/8	1180	11700
FEDERAL	209A	PB	15.5	WTW	WINDJAMMER	7/8	1185	11900
FEDERAL	209A	PB	16.0	REM.	RXP 20	7/8	1205	11900
FEDERAL	209A	PB	15.0	FED.	20S1	7/8	1160	11900
REMINGTON	209P	PB	16.0	WIN.	WAA20	7/8	1200	11600
REMINGTON	209P	PB	16.0	WTW	WINDJAMMER	7/8	1200	11300
REMINGTON	209P	PB	16.0	CB.	CB1078-20	7/8	1200	11900
REMINGTON	209P	PB	16.0	REM.	RXP 20	7/8	1195	10900
REMINGTON	209P	PB	15.5	FED.	20S1	7/8	1175	11600
WINCHESTER	209	PB	16.0	WIN.	WAA20	7/8	1195	11700
WINCHESTER	209	PB	16.5	WTW	WINDJAMMER	7/8	1200	11800
WINCHESTER	209	PB	16.0	REM.	RXP 20	7/8	1195	11400
WINCHESTER	209	PB	15.5	FED.	20S1	7/8	1175	11800
FEDERAL	209A	SR7625	16.5	WIN.	WAA20	7/8	1205	11700
FEDERAL	209A	SR7625	16.5	WTW	WINDJAMMER	7/8	1200	11900
FEDERAL	209A	SR7625	16.5	CB.	CB1078-20	7/8	1195	11700
FEDERAL	209A	SR7625	17.0	REM.	RXP 20	7/8	1200	10800
FEDERAL	209A	SR7625	16.5	FED.	20S1	7/8	1190	11700
REMINGTON	209P	SR7625	17.0	WIN.	WAA20	7/8	1200	10900
REMINGTON	209P	SR7625	17.5	WTW	WINDJAMMER	7/8	1210	10300
REMINGTON	209P	SR7625	17.0	CB.	CB1078-20	7/8	1210	11300
REMINGTON	209P	SR7625	17.0	REM.	RXP 20	7/8	1190	10100
REMINGTON	209P	SR7625	16.5	FED.	20S1	7/8	1185	11100
WINCHESTER	209	SR7625	17.0	WIN.	WAA20	7/8	1205	10600
WINCHESTER	209	SR7625	17.0	WTW	WINDJAMMER	7/8	1205	10900
WINCHESTER	209	SR7625	16.5	CB.	CB1078-20	7/8	1190	10800
WINCHESTER	209	SR7625	17.0	REM.	RXP 20	7/8	1210	10600
WINCHESTER	209	SR7625	16.5	FED.	20S1	7/8	1195	11700
FEDERAL	209A	"HI-SKOR" 800-X	16.5	WIN.	WAA20	7/8	1205	9400
FEDERAL	209A	"HI-SKOR" 800-X	16.5	WTW	WINDJAMMER	7/8	1215	10100
FEDERAL	209A	"HI-SKOR" 800-X	16.0	CB.	CB1078-20	7/8	1190	9400
FEDERAL	209A	"HI-SKOR" 800-X	16.5	REM.	RXP 20	7/8	1200	8800
FEDERAL	209A	"HI-SKOR" 800-X	16.0	FED.	20S1	7/8	1190	9700
REMINGTON	209P	"HI-SKOR" 800-X	16.5	WIN.	WAA20	7/8	1210	9300
REMINGTON	209P	"HI-SKOR" 800-X	16.5	WTW	WINDJAMMER	7/8	1190	8400
REMINGTON	209P	"HI-SKOR" 800-X	16.5	CB.	CB1078-20	7/8	1195	8400
REMINGTON	209P	"HI-SKOR" 800-X	16.5	REM.	RXP 20	7/8	1190	7500
REMINGTON	209P	"HI-SKOR" 800-X	16.5	FED.	20S1	7/8	1190	8200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

28 GAUGE 2³/₄ INCH 3⁴/₄ OUNCE LOADS (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: WINCHESTER AA								
WINCHESTER	209	"HI-SKOR" 800-X	16.5	WIN.	WAA20	7/8	1205	9900
WINCHESTER	209	"HI-SKOR" 800-X	16.5	WTW	WINDJAMMER	7/8	1200	10300
WINCHESTER	209	"HI-SKOR" 800-X	16.0	CB.	CB1078-20	7/8	1190	9600
WINCHESTER	209	"HI-SKOR" 800-X	16.5	REM.	RXP 20	7/8	1210	9400
WINCHESTER	209	"HI-SKOR" 800-X	16.0	FED.	20S1	7/8	1190	9600
FEDERAL	209A	SR4756	18.0	WIN.	WAA20F1	7/8	1190	10000
FEDERAL	209A	SR4756	18.5	WTW	WINDJAMMER	7/8	1185	10000
FEDERAL	209A	SR4756	18.0	CB.	CB1078-20	7/8	1195	10300
FEDERAL	209A	SR4756	18.5	REM.	SP20	7/8	1215	10700
FEDERAL	209A	SR4756	18.0	FED.	20S1	7/8	1190	10600
REMINGTON	209P	SR4756	18.5	WIN.	WAA20F1	7/8	1200	9800
REMINGTON	209P	SR4756	18.5	CB.	CB1078-20	7/8	1200	10000
REMINGTON	209P	SR4756	19.0	REM.	SP20	7/8	1210	9700
REMINGTON	209P	SR4756	18.5	FED.	20S1	7/8	1190	10100
WINCHESTER	209	SR4756	18.5	WIN.	WAA20F1	7/8	1200	9900
WINCHESTER	209	SR4756	18.5	WTW	WINDJAMMER	7/8	1195	9900
WINCHESTER	209	SR4756	18.0	CB.	CB1078-20	7/8	1180	9700
WINCHESTER	209	SR4756	18.5	REM.	SP20	7/8	1200	9900
WINCHESTER	209	SR4756	18.0	FED.	20S1	7/8	1205	10700
SHELL: FEDERAL PLASTIC TARGET/HUNTING								
FEDERAL	209A	PB	13.0	WIN.	WAA28	3/4	1165	12400
FEDERAL	209A	PB	13.0	CB.	CB-1034-28	3/4	1165	12100
FEDERAL	209A	PB	13.0	REM.	PT28	3/4	1160	12300
REMINGTON	209P	PB	14.5	WIN.	WAA28	3/4	1205	11400
REMINGTON	209P	PB	14.5	PATCTL.	PC-28	3/4	1200	11500
REMINGTON	209P	PB	14.5	REM.	PT28	3/4	1200	11700
REMINGTON	209P	PB	14.0	FED.	28S1	3/4	1190	12200
WINCHESTER	209	PB	14.5	WIN.	WAA28	3/4	1215	11900
WINCHESTER	209	PB	14.5	PATCTL.	PC-28	3/4	1210	12000
WINCHESTER	209	PB	14.5	REM.	PT28	3/4	1205	12100
WINCHESTER	209	PB	14.0	FED.	28S1	3/4	1185	12500
FEDERAL	209A	SR7625	14.5	WIN.	WAA28	3/4	1215	12300
FEDERAL	209A	SR7625	14.0	PATCTL.	PC-28	3/4	1195	11900
FEDERAL	209A	SR7625	14.0	CB.	CB-1034-28	3/4	1195	12000
FEDERAL	209A	SR7625	15.5	REM.	PT28	3/4	1195	11800
FEDERAL	209A	SR7625	14.0	FED.	28S1	3/4	1185	12000
REMINGTON	209P	SR7625	14.5	WIN.	WAA28	3/4	1185	10500
REMINGTON	209P	SR7625	15.0	PATCTL.	PC-28	3/4	1205	10100
REMINGTON	209P	SR7625	15.0	REM.	PT28	3/4	1190	10200
REMINGTON	209P	SR7625	14.5	FED.	28S1	3/4	1190	10800
WINCHESTER	209	SR7625	14.5	WIN.	WAA28	3/4	1185	10800
WINCHESTER	209	SR7625	15.0	PATCTL.	PC-28	3/4	1205	10900
WINCHESTER	209	SR7625	15.0	REM.	PT28	3/4	1200	11100
WINCHESTER	209	SR7625	15.0	FED.	28S1	3/4	1205	11200
FEDERAL	209A	"HI-SKOR" 800-X	13.5	WIN.	WAA28	3/4	1195	10100
FEDERAL	209A	"HI-SKOR" 800-X	13.5	PATCTL.	PC-28	3/4	1215	10600
FEDERAL	209A	"HI-SKOR" 800-X	13.5	CB.	CB1034-28	3/4	1200	10000
FEDERAL	209A	"HI-SKOR" 800-X	13.5	REM.	PT28	3/4	1205	10700
FEDERAL	209A	"HI-SKOR" 800-X	13.5	FED.	28S1	3/4	1205	11000
REMINGTON	209P	"HI-SKOR" 800-X	14.5	WIN.	WAA28	3/4	1210	9500
REMINGTON	209P	"HI-SKOR" 800-X	14.0	PATCTL.	PC-28	3/4	1200	9600
REMINGTON	209P	"HI-SKOR" 800-X	14.0	CB.	CB1034-28	3/4	1205	9800
REMINGTON	209P	"HI-SKOR" 800-X	14.0	REM.	PT28	3/4	1195	9900
REMINGTON	209P	"HI-SKOR" 800-X	14.0	FED.	28S1	3/4	1210	10400
WINCHESTER	209	"HI-SKOR" 800-X	14.0	WIN.	WAA28	3/4	1210	10000
WINCHESTER	209	"HI-SKOR" 800-X	13.5	PATCTL.	PC-28	3/4	1190	9900
WINCHESTER	209	"HI-SKOR" 800-X	13.5	CB.	CB1034-28	3/4	1190	9800
WINCHESTER	209	"HI-SKOR" 800-X	13.5	REM.	PT28	3/4	1190	10100
WINCHESTER	209	"HI-SKOR" 800-X	13.5	FED.	28S1	3/4	1200	10500
FEDERAL	209A	SR4756	15.5	PATCTL.	PC-28	3/4	1210	11400
FEDERAL	209A	SR4756	15.5	REM.	PT28	3/4	1200	11400
FEDERAL	209A	SR4756	15.5	FED.	28S1	3/4	1205	11900

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

28 GAUGE 2³/₄ INCH 3⁴/₄ OUNCE LOADS (Cont'd)

Downloading, printing and use of the information on this page signifies acceptance of and compliance with all IMR Handloader's Guide cautions and safety recommendations.

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL PLASTIC TARGET/HUNTING								
REMINGTON	209P	SR4756	16.0	PATCTL.	PC-28	3/4	1185	9600
REMINGTON	209P	SR4756	17.0	REM.	PT28	3/4	1170	10300
REMINGTON	209P	SR4756	16.5	FED.	28S1	3/4	1195	9800
WINCHESTER	209	SR4756	16.0	PATCTL.	PC-28	3/4	1200	10300
WINCHESTER	209	SR4756	16.0	REM.	PT28	3/4	1190	10500
WINCHESTER	209	SR4756	16.0	FED.	28S1	3/4	1195	10600
SHELL: REMINGTON PREMIER (RTL)								
REMINGTON	209P	PB	13.5	WIN.	WAA28	3/4	1205	12300
REMINGTON	209P	PB	13.0	PATCTL.	PC-28	3/4	1185	12100
REMINGTON	209P	PB	13.0	REM.	PT28	3/4	1175	12500
REMINGTON	209P	SR7625	14.0	WIN.	WAA28	3/4	1205	11800
REMINGTON	209P	SR7625	14.0	PATCTL.	PC-28	3/4	1200	11700
REMINGTON	209P	SR7625	13.5	REM.	PT28	3/4	1190	12400
REMINGTON	209P	SR7625	13.5	FED.	28S1	3/4	1185	12400
WINCHESTER	209	SR7625	14.0	WIN.	WAA28	3/4	1210	12200
WINCHESTER	209	SR7625	14.0	PATCTL.	PC-28	3/4	1210	12200
WINCHESTER	209	SR7625	14.0	REM.	PT28	3/4	1200	12500
FEDERAL	209A	"HI-SKOR" 800-X	13.0	WIN.	WAA28	3/4	1195	11000
FEDERAL	209A	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1210	11400
FEDERAL	209A	"HI-SKOR" 800-X	13.0	CB.	CB1034-28	3/4	1200	10800
FEDERAL	209A	"HI-SKOR" 800-X	13.0	REM.	PT28	3/4	1205	11400
FEDERAL	209A	"HI-SKOR" 800-X	13.0	FED.	28S1	3/4	1205	11700
REMINGTON	209P	"HI-SKOR" 800-X	13.5	WIN.	WAA28	3/4	1205	10300
REMINGTON	209P	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1190	10300
REMINGTON	209P	"HI-SKOR" 800-X	13.5	CB.	CB1034-28	3/4	1205	10300
REMINGTON	209P	"HI-SKOR" 800-X	13.5	REM.	PT28	3/4	1205	10700
REMINGTON	209P	"HI-SKOR" 800-X	13.5	FED.	28S1	3/4	1215	11600
WINCHESTER	209	"HI-SKOR" 800-X	13.0	WIN.	WAA28	3/4	1185	10400
WINCHESTER	209	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1185	10300
WINCHESTER	209	"HI-SKOR" 800-X	13.5	CB.	CB1034-28	3/4	1215	10800
WINCHESTER	209	"HI-SKOR" 800-X	13.5	REM.	PT28	3/4	1210	11100
WINCHESTER	209	"HI-SKOR" 800-X	13.0	FED.	28S1	3/4	1195	11300
FEDERAL	209A	SR4756	14.5	PATCTL.	PC-28	3/4	1200	12200
FEDERAL	209A	SR4756	14.0	REM.	PT28	3/4	1185	12500
FEDERAL	209A	SR4756	14.0	FED.	28S1	3/4	1175	12300
REMINGTON	209P	SR4756	15.0	PATCTL.	PC-28	3/4	1165	9900
REMINGTON	209P	SR4756	14.0	FED.	28S1	3/4	1140	10300
WINCHESTER	209	SR4756	15.0	PATCTL.	PC-28	3/4	1200	11200
WINCHESTER	209	SR4756	14.0	REM.	PT28	3/4	1155	11000
WINCHESTER	209	SR4756	14.0	FED.	28S1	3/4	1160	11500
SHELL: WINCHESTER COMPRESSION FORMED "DOUBLE-A" & "SUPER-X"								
REMINGTON	209P	SR7625	14.0	WIN.	WAA28	3/4	1205	12300
REMINGTON	209P	SR7625	13.5	PATCTL.	PC-28	3/4	1170	12000
REMINGTON	209P	SR7625	14.0	CB.	CB1034-28	3/4	1190	12300
REMINGTON	209P	SR7625	13.5	FED.	28S1	3/4	1170	12400
FEDERAL	209A	"HI-SKOR" 800-X	12.5	WIN.	WAA28	3/4	1185	11600
FEDERAL	209A	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1210	12300
FEDERAL	209A	"HI-SKOR" 800-X	12.5	CB.	CB1034-28	3/4	1185	11700
FEDERAL	209A	"HI-SKOR" 800-X	12.0	FED.	28S1	3/4	1150	12000
REMINGTON	209P	"HI-SKOR" 800-X	14.0	WIN.	WAA28	3/4	1200	9700
REMINGTON	209P	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1200	11400
REMINGTON	209P	"HI-SKOR" 800-X	13.5	CB.	CB1034-28	3/4	1200	10200
REMINGTON	209P	"HI-SKOR" 800-X	13.5	FED.	28S1	3/4	1205	11500
WINCHESTER	209	"HI-SKOR" 800-X	13.0	WIN.	WAA28	3/4	1195	11400
WINCHESTER	209	"HI-SKOR" 800-X	13.0	PATCTL.	PC-28	3/4	1205	12000
WINCHESTER	209	"HI-SKOR" 800-X	13.0	CB.	CB1034-28	3/4	1190	11200
WINCHESTER	209	"HI-SKOR" 800-X	12.5	FED.	28S1	3/4	1175	12200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

28 GAUGE 2³/₄ INCH 3⁴/₄ OUNCE LOADS (Cont'd)

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: WINCHESTER COMPRESSION FORMED "DOUBLE-A" & "SUPER-X"								
REMINGTON	209P	SR4756	14.0	WIN.	WAA28	3/4	1150	11500
REMINGTON	209P	SR4756	14.5	PATCTL.	PC-28	3/4	1185	12200
REMINGTON	209P	SR4756	14.0	CB.	CB1034-28	3/4	1165	12000
WINCHESTER	209	SR4756	14.0	WIN.	WAA28	3/4	1150	11400
WINCHESTER	209	SR4756	14.5	PATCTL.	PC-28	3/4	1190	12000
WINCHESTER	209	SR4756	14.0	CB.	CB1034-28	3/4	1170	12200
WINCHESTER	209	SR4756	14.0	FED.	28S1	3/4	1155	12500

.410 BORE 2¹/₂ INCH 1²/₂ OUNCE LOADS

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: FEDERAL 2 1/2" PLASTIC TARGET/HUNTING								
FEDERAL	209A	IMR4227	17.0	PATCTL.	PC-410	1/2	1170	12500
FEDERAL	209A	IMR4227	17.0	REM.	SP410	1/2	1155	12000
FEDERAL	209A	IMR4227	17.5	CB.	CB1050-41	1/2	1190	12200
FEDERAL	209A	IMR4227	17.5	FED.	410SC	1/2	1195	12200
REMINGTON	209P	IMR4227	18.5	REM.	SP410	1/2	1180	10700
WINCHESTER	209	IMR4227	18.5	PATCTL.	PC-410	1/2	1215	11800
WINCHESTER	209	IMR4227	18.0	REM.	SP410	1/2	1200	12000
WINCHESTER	209	IMR4227	18.0	CB.	CB1050-41	1/2	1165	11300
SHELL: REMINGTON 2 1/2" EXPRESS								
FEDERAL	209A	IMR4227	17.5	PATCTL.	PC-410	1/2	1195	12500
FEDERAL	209A	IMR4227	18.0	CB.	CB1050-41	1/2	1210	12500
FEDERAL	209A	IMR4227	17.5	FED.	410SC	1/2	1195	12400
WINCHESTER	209	IMR4227	17.5	PATCTL.	PC-410	1/2	1160	11200
WINCHESTER	209	IMR4227	18.0	CB.	CB1050-41	1/2	1160	11000
SHELL: WINCHESTER COMPRESSION FORMED "DOUBLE-A" & "SUPER-X"								
WINCHESTER	209	IMR4227	16.5	PATCTL.	PC-410	1/2	1140	12300

SHOT SHELL FIELD

10 GAUGE 3¹/₂ INCH RELOADING DATA

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: FEDERAL 3 1/2" MAGNUM PAPER BASEWAD								
FEDERAL	209A	"HI-SKOR" 800-X	29.0	REM	SP10+(2) 20GA 0.125" CARDS	2 1/4	1085	10700
FEDERAL	209A	SR4756	33.0	REM	SP10	2 1/4	1065	10600
FEDERAL	209A	"HI-SKOR" 800-X	32.0	REM	SP10+(4) 20GA 0.125" CARDS	2	1180	10900
FEDERAL	209A	SR4756	37.0	REM	SP10+(2) 20GA 0.125" CARDS	2	1175	10800
REMINGTON	209PSTS	SR4756	41.5	REM	SP10+(2) 20GA 0.125" CARDS	2	1230	10800
SHELL: REMINGTON 3 1/2" NITRO MAGNUM PLASTIC BASEWAD								
REMINGTON	209PSTS	"HI-SKOR" 800-X	28.0	REM	SP10+(3) 20GA 0.125" CARDS	2 1/4	1055	10800
REMINGTON	209PSTS	SR4756	34.5	REM	SP10	2 1/4	1095	10900
REMINGTON	209PSTS	SR7625	32.5	REM	SP10+(3) 20GA 0.125" CARDS	2	1115	10800
REMINGTON	209PSTS	"HI-SKOR" 800-X	30.0	REM	SP10+(4) 20GA 0.125" CARDS	2	1145	10900
REMINGTON	209PSTS	SR4756	39.5	REM	SP10+(2) 20GA 0.125" CARDS	2	1210	10800
SHELL: WINCHESTER 3 1/2" SUPER MAGNUM PLASTIC BASEWAD								
WINCHESTER	209	"HI-SKOR" 800-X	32.0	REM	SP10	2 1/4	1135	10900
WINCHESTER	209	SR4756	37.0	REM	SP10	2 1/4	1130	11000
WINCHESTER	209	"HI-SKOR" 800-X	35.0	REM	SP10+(2) 20 GA 0.125" CARDS	2	1230	10800
WINCHESTER	209	SR4756	42.0	REM	SP10+(1) 20GA 0.125" CARD	2	1245	10700

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12 GAUGE BUCKSHOT RELOADING DATA

PRIMER		IMR POWDER		WAD COLUMN		BP	BUCKSHOT		MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SDC BUFFER (GRAINS)	NO.	SIZE	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC GOLD MEDAL										
FEDERAL	209A	"HI-SKOR" 700-X	17.5	FED	12S3	20	8	00	1230	10900
FEDERAL	209A	PB	25.0	FED	12S4	20	8	00	1340	10900
FEDERAL	209A	SR7625	30.0	FED	12S4	20	8	00	1410	10800
FEDERAL	209A	"HI-SKOR" 800-X	29.0	FED	12S4	20	8	00	1465	10800
FEDERAL	209A	SR4756	37.0	WIN	WAA12R	18	8	00	1545	10900
SHELL: REMINGTON 2 3/4" NITRO 27										
REMINGTON	209PSTS	"HI-SKOR" 700-X	17.5	REM	FIG8	20	8	00	1225	10700
FEDERAL	209A	"HI-SKOR" 700-X	17.0	REM	FIG8	20	8	00	1210	10800
REMINGTON	209PSTS	PB	25.0	REM	SP12	20	8	00	1340	10600
REMINGTON	209PSTS	SR7625	30.5	REM	SP12	20	8	00	1425	10800
FEDERAL	209A	SR7625	27.0	REM	SP12	20	8	00	1360	10800
REMINGTON	209PSTS	"HI-SKOR" 800-X	30.0	REM	SP12	20	8	00	1475	10900
REMINGTON	209PSTS	SR4756	37.0	WIN	WAA12R	18	8	00	1545	11000
SHELL: WINCHESTER 2 3/4" AA										
WINCHESTER	209	"HI-SKOR" 700-X	18.0	WIN	WAA12R	20	8	00	1245	10800
WINCHESTER	209	PB	27.5	WIN	WAA12R	20	8	00	1410	10800
WINCHESTER	209	SR7625	33.0	WIN	WAA12R	20	8	00	1495	10600
FEDERAL	209A	SR7625	29.5	WIN	WAA12R	20	8	00	1430	11000
WINCHESTER	209	"HI-SKOR" 800-X	32.0	WIN	WAA12R	20	8	00	1545	10700
WINCHESTER	209	SR4756	39.5	WIN	WAA12R	18	8	00	1595	10800

12 GAUGE FIELD RELOADING DATA

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
FEDERAL	209A	"HI-SKOR" 700-X	18.0	FED.	12S4	1 1/4	1165	11500
FEDERAL	209A	"HI-SKOR" 700-X	20.0	WINJ.	WINDJAMMER	1 1/4	1230	11300
FEDERAL	209A	"HI-SKOR" 700-X	19.0	REM.	FIG8	1 1/4	1200	11300
FEDERAL	209A	"HI-SKOR" 700-X	18.0	WIN.	WAA12	1 1/4	1180	11500
REMINGTON	209P	"HI-SKOR" 700-X	19.5	FED.	12S3	1 1/4	1205	11500
REMINGTON	209P	"HI-SKOR" 700-X	21.0	WINJ.	WINDJAMMER	1 1/4	1260	11500
REMINGTON	209P	"HI-SKOR" 700-X	21.0	REM.	FIG8	1 1/4	1255	11500
REMINGTON	209P	"HI-SKOR" 700-X	19.5	WIN.	WAA12	1 1/4	1215	11400
WINCHESTER	209	"HI-SKOR" 700-X	19.0	FED.	12S3	1 1/4	1195	11500
WINCHESTER	209	"HI-SKOR" 700-X	21.0	WINJ.	WINDJAMMER	1 1/4	1250	11500
WINCHESTER	209	"HI-SKOR" 700-X	19.5	REM.	FIG8	1 1/4	1210	11100
WINCHESTER	209	"HI-SKOR" 700-X	19.0	WIN.	WAA12	1 1/4	1200	11500
FEDERAL	209A	PB	23.5	FED.	12S4	1 1/4	1225	10500
FEDERAL	209A	PB	25.0	FED.	12S4	1 1/4	1270	11300
FEDERAL	209A	PB	25.5	REM.	FIG8	1 1/4	1270	10500
FEDERAL	209A	PB	27.0	REM.	FIG8	1 1/4	1315	11500
FEDERAL	209A	PB	25.5	CLAYB.	CB3118-12AR	1 1/4	1275	11100
FEDERAL	209A	PB	26.0	CLAYB.	CB3118-12AR	1 1/4	1295	11500
REMINGTON	209P	PB	26.5	FED.	12S4	1 1/4	1295	10000
REMINGTON	209P	PB	28.0	FED.	12S4	1 1/4	1325	11100
REMINGTON	209P	PB	27.5	REM.	SP12	1 1/4	1270	9200
REMINGTON	209P	PB	29.0	REM.	SP12	1 1/4	1330	10500
REMINGTON	209P	PB	26.5	CLAYB.	CB3118-12AR	1 1/4	1275	9600
REMINGTON	209P	PB	28.0	CLAYB.	CB3118-12AR	1 1/4	1305	10200
WINCHESTER	209	PB	26.0	FED.	12S4	1 1/4	1275	10800
WINCHESTER	209	PB	27.5	FED.	12S4	1 1/4	1320	11500
WINCHESTER	209	PB	26.5	REM.	SP12	1 1/4	1280	9800
WINCHESTER	209	PB	28.0	REM.	SP12	1 1/4	1320	10600
WINCHESTER	209	PB	26.5	CLAYB.	CB3118-12AR	1 1/4	1270	10000
WINCHESTER	209	PB	28.0	CLAYB.	CB3118-12AR	1 1/4	1330	11400

12 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
FEDERAL	209A	SR7625	27.0	FED.	12S3	1 1/4	1270	10100
FEDERAL	209A	SR7625	29.0	FED.	12S3	1 1/4	1325	11000
FEDERAL	209A	SR2725	27.0	WIN.	WAA12	1 1/4	1275	10100
FEDERAL	209A	SR7625	28.5	WIN.	WAA12	1 1/4	1330	11400
FEDERAL	209A	SR7625	27.0	REM.	SP12	1 1/4	1280	10000
FEDERAL	209A	SR7625	28.5	REM.	SP12	1 1/4	1330	11000
FEDERAL	209A	SR7625	26.5	CLAYB.	CB3118-12AR	1 1/4	1270	10100
FEDERAL	209A	SR7625	28.0	CLAYB.	CB3118-12AR	1 1/4	1320	10800
REMINGTON	209P	SR7625	28.0	FED.	12S3	1 1/4	1270	8900
REMINGTON	209P	SR7625	30.0	FED.	12S3	1 1/4	1330	9700
REMINGTON	209P	SR7625	29.0	DINJ.	WINDJAMMER	1 1/4	1280	8300
REMINGTON	209P	SR7625	30.5	WINJ.	WINDJAMMER	1 1/4	1325	9000
REMINGTON	209P	SR7625	29.0	REM.	SP12	1 1/4	1270	8200
REMINGTON	209P	SR7625	30.5	REM.	SP12	1 1/4	1315	8900
WINCHESTER	209	SR7625	28.0	FED.	12S3	1 1/4	1270	9200
WINCHESTER	209	SR7625	30.0	FED.	12S3	1 1/4	1330	10300
WINCHESTER	209	SR7625	28.5	WINJ.	WINDJAMMER	1 1/4	1270	8300
WINCHESTER	209	SR7625	30.0	WINJ.	WINDJAMMER	1 1/4	1315	9000
WINCHESTER	209	SR7625	28.0	WIN.	WAA12	1 1/4	1270	9100
WINCHESTER	209	SR7625	29.5	WIN.	WAA12	1 1/4	1325	10200
FEDERAL	209A	SR4756	30.0	FED.	12S4	1 1/4	1285	9700
FEDERAL	209A	SR4756	31.5	FED.	12S4	1 1/4	1330	10400
FEDERAL	209A	SR4756	30.5	WIN.	WAA12R	1 1/4	1285	8900
FEDERAL	209A	SR4756	31.5	WIN.	WAA12R	1 1/4	1325	9700
FEDERAL	209A	SR4756	30.0	REM.	SP12	1 1/4	1270	9000
FEDERAL	209A	SR4756	31.5	REM.	SP12	1 1/4	1325	9800
REMINGTON	209P	SR4756	31.5	FED.	12S4	1 1/4	1220	7100
REMINGTON	209P	SR4756	33.0	FED.	12S4	1 1/4	1265	7600
REMINGTON	209P	SR4756	33.0	WIN.	WAA12R	1 1/4	1285	8000
REMINGTON	209P	SR4756	34.0	WIN.	WAA12R	1 1/4	1325	8900
REMINGTON	209P	SR4756	33.0	REM.	SP12	1 1/4	1315	7400
REMINGTON	209P	SR4756	35.0	REM.	SP12	1 1/4	1335	8300
WINCHESTER	209	SR4756	31.0	FED.	12S4	1 1/4	1280	9100
WINCHESTER	209	SR4756	32.0	FED.	12S4	1 1/4	1325	9800
WINCHESTER	209	SR4756	30.5	WIN.	WAA12R	1 1/4	1275	8400
WINCHESTER	209	SR4756	32.0	WIN.	WAA12R	1 1/4	1315	8900
WINCHESTER	209	SR4756	32.0	REM.	RP12	1 1/4	1290	8800
WINCHESTER	209	SR4756	33.0	REM.	RP12	1 1/4	1330	9400
FEDERAL	209A	"HI-SKOR" 800-X	25.0	FED.	12S4	1 1/4	1280	9500
FEDERAL	209A	"HI-SKOR" 800-X	26.5	FED.	12S4	1 1/4	1335	10400
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WIN.	WAA12	1 1/4	1285	9200
FEDERAL	209A	"HI-SKOR" 800-X	27.5	WIN.	WAA12	1 1/4	1335	10100
FEDERAL	209A	"HI-SKOR" 800-X	25.5	REM.	SP12	1 1/4	1280	9100
FEDERAL	209A	"HI-SKOR" 800-X	27.0	REM.	SP12	1 1/4	1335	9900
FEDERAL	209A	"HI-SKOR" 800-X	26.0	CLAYB.	CB3118-12AR	1 1/4	1280	8900
FEDERAL	209A	"HI-SKOR" 800-X	27.5	CLAYB.	CB3118-12AR	1 1/4	1335	9800
REMINGTON	209P	"HI-SKOR" 800-X	26.5	FED.	12S4	1 1/4	1285	8900
REMINGTON	209P	"HI-SKOR" 800-X	28.0	FED.	12S4	1 1/4	1335	9700
REMINGTON	209P	"HI-SKOR" 800-X	27.0	WIN.	WAA12	1 1/4	1275	7900
REMINGTON	209P	"HI-SKOR" 800-X	28.5	WIN.	WAA12	1 1/4	1335	9000
REMINGTON	209P	"HI-SKOR" 800-X	27.0	REM.	SP12	1 1/4	1270	7700
REMINGTON	209P	"HI-SKOR" 800-X	29.0	REM.	SP12	1 1/4	1335	8500
REMINGTON	209P	"HI-SKOR" 800-X	27.0	CLAYB.	CB3118-12AR	1 1/4	1275	7700
REMINGTON	209P	"HI-SKOR" 800-X	29.0	CLAYB.	CB3118-12AR	1 1/4	1330	8500
WINCHESTER	209	"HI-SKOR" 800-X	26.0	FED.	12S3	1 1/4	1280	8800
WINCHESTER	209	"HI-SKOR" 800-X	27.5	FED.	12S3	1 1/4	1330	9700
WINCHESTER	209	"HI-SKOR" 800-X	25.5	WIN.	WAA12	1 1/4	1265	8600
WINCHESTER	209	"HI-SKOR" 800-X	27.5	WIN.	WAA12	1 1/4	1330	9600
WINCHESTER	209	"HI-SKOR" 800-X	26.0	REM.	SP12	1 1/4	1275	8200
WINCHESTER	209	"HI-SKOR" 800-X	27.5	REM.	SP12	1 1/4	1330	9100
WINCHESTER	209	"HI-SKOR" 800-X	26.0	CLAYB.	CB3118-12AR	1 1/4	1270	8100
WINCHESTER	209	"HI-SKOR" 800-X	28.0	CLAYB.	CB3118-12AR	1 1/4	1335	9300

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12 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC GOLD MEDAL, TOP GUN, MULTI PURPOSE								
FEDERAL	209A	PB	22.5	WIN.	WAA12R	1 3/8	1170	10800
FEDERAL	209A	PB	22.5	REM.	SP12	1 3/8	1160	10900
REMINGTON	209P	PB	26.5	WIN.	WAA12R	1 3/8	1255	11000
REMINGTON	209P	PB	24.5	REM.	SP12	1 3/8	1205	11000
WINCHESTER	209	PB	24.0	WIN.	WAA12R	1 3/8	1200	11000
WINCHESTER	209	PB	23.5	REM.	SP12	1 3/8	1185	11100
FEDERAL	209A	SR7625	26.0	WIN.	WAA12R	1 3/8	1210	11000
FEDERAL	209A	SR7625	25.0	REM.	SP12	1 3/8	1180	11200
REMINGTON	209P	SR7625	28.5	WIN.	WAA12R	1 3/8	1255	11000
REMINGTON	209P	SR7625	28.0	REM.	RP12	1 3/8	1240	11100
WINCHESTER	209	SR7625	27.0	WIN.	WAA12R	1 3/8	1225	11000
WINCHESTER	209	SR7625	26.5	REM.	SP12	13/8	1210	11200
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WIN.	WAA12R	1 3/8	1280	11000
FEDERAL	209A	"HI-SKOR" 800-X	26.5	REM.	SP12	1 3/8	1285	11000
FEDERAL	209A	"HI-SKOR" 800-X	25.0	FED.	12S4	1 3/8	1240	10900
REMINGTON	209P	"HI-SKOR" 800-X	30.5	WIN.	WAA12R	1 3/8	1375	11000
REMINGTON	209P	"HI-SKOR" 800-X	32.0	REM.	SP12	1 3/8	1390	11000
REMINGTON	209P	"HI-SKOR" 800-X	27.0	FED.	12S4	1 3/8	1260	9700
WINCHESTER	209	"HI-SKOR" 800-X	27.5	WIN.	WAA12R	1 3/8	1310	11000
WINCHESTER	209	"HI-SKOR" 800-X	29.0	REM.	SP12	1 3/8	1335	10900
WINCHESTER	209	"HI-SKOR" 800-X	26.0	FED.	12S4	1 3/8	1270	11000
FEDERAL	209A	SR4756	31.5	WIN.	WAA12R	1 3/8	1305	11000
FEDERAL	209A	SR4756	30.0	REM.	RP12	1 3/8	1265	10900
REMINGTON	209P	SR4756	35.0	WIN.	WA12R	1 3/8	1365	10500
REMINGTON	209P	SR4756	34.5	REM.	RP12	1 3/8	1350	10900
WINCHESTER	209	SR4756	34.0	WIN.	WAA12R	1 3/8	1335	11000
WINCHESTER	209	SR4756	33.0	REM.	RP12	1 3/8	1320	11200
FEDERAL	209A	SR7625	25.0	REM.	RP12	1 1/2	1140	11400
FEDERAL	209A	SR7625	25.5	WIN.	WAA12R	1 1/2	1150	11200
REMINGTON	209P	SR7625	27.5	REM.	RP12	1 1/2	1185	11100
REMINGTON	209P	SR7625	28.0	WIN.	WAA12R	1 1/2	1170	11000
WINCHESTER	209	SR7625	25.5	REM.	RP12	1 1/2	1140	11000
WINCHESTER	209	SR7625	26.5	WIN.	WAA12R	1 1/2	1160	11000
FEDERAL	209A	"HI-SKOR" 800-X	26.5	REM.	SP12	1 1/2	1220	11000
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WIN.	WAA12R	1 1/2	1215	11200
FEDERAL	209A	"HI-SKOR" 800-X	24.5	FED.	12S4	1 1/2	1180	11200
REMINGTON	209P	"HI-SKOR" 800-X	28.5	REM.	RP12	1 1/2	1265	11000
REMINGTON	209P	"HI-SKOR" 800-X	26.0	RED.	12S4	1 1/2	1190	10400
WINCHESTER	209	"HI-SKOR" 800-X	27.0	REM.	SP12	1 1/2	1225	11100
WINCHESTER	209	"HI-SKOR" 800-X	27.0	WIN.	WAA12R	1 1/2	1245	11000
WINCHESTER	209	"HI-SKOR" 800-X	25.0	FED.	12S4	1 1/2	1170	11000
FEDERAL	209A	SR4756	27.5	REM.	RP12	1 1/2	1160	11000
FEDERAL	209A	SR4756	28.0	WIN.	WAA12R	1 1/2	1175	11100
REMINGTON	209P	SR4756	30.5	REM.	RP12	1 1/2	1220	11100
REMINGTON	209P	SR4756	30.0	WIN.	WAA12R	1 1/2	1165	9000
WINCHESTER	209	SR4756	28.5	REM.	RP12	1 1/2	1175	11000
WINCHESTER	209	SR4756	30.0	WIN.	WAA12R	1 1/2	1205	10800

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

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12 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 3" PLASTIC HUNTING CASE PAPER BASEWAD								
FEDERAL	209A	"HI-SKOR" 800-X	29.0	REM.	R12H	1 1/2	1270	10700
FEDERAL	209A	"HI-SKOR" 800-X	27.5	FED.	12S4	1 1/2	1230	10800
REMINGTON	209P	"HI-SKOR" 800-X	33.0	REM.	R12H	1 1/2	1335	10600
REMINGTON	209P	"HI-SKOR" 800-X	31.0	FED.	12S4	1 1/2	1290	10600
WINCHESTER	209	"HI-SKOR" 800-X	30.0	REM.	R12H	1 1/2	1290	10500
WINCHESTER	209	"HI-SKOR" 800-X	29.0	FED.	12S4	1 1/2	1260	10600
FEDERAL	209A	SR4756	33.0	WIN.	WAA12R	1 1/2	1255	10700
FEDERAL	209A	SR4756	33.5	REM.	RP12	1 1/2	1285	10800
REMINGTON	209P	SR4756	37.0	WIN.	WAA12R	1 1/2	1305	9600
REMINGTON	209P	SR4756	37.0	REM.	RP12	1 1/2	1295	9100
WINCHESTER	209	SR4756	37.0	WIN.	WAA12R	1 1/2	1315	10400
WINCHESTER	209	SR4756	37.0	REM.	RP12	1 1/2	1305	9900
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WIN.	WAA12R	1 5/8	1175	10800
FEDERAL	209A	"HI-SKOR" 800-X	26.0	REM.	SP12	1 5/8	1175	10800
REMINGTON	209PSTS	"HI-SKOR" 800-X	27.5	WIN.	WAA12R	1 5/8	1200	10900
REMINGTON	209PSTS	"HI-SKOR" 800-X	28.0	REM.	SP12	1 5/8	1200	10800
WINCHESTER	209	"HI-SKOR" 800-X	28.5	WIN.	WAA12R	1 5/8	1230	11000
WINCHESTER	209	"HI-SKOR" 800-X	29.0	REM.	SP12	1 5/8	1230	10900
FEDERAL	209A	SR4756	31.0	WIN.	WAA12R	1 5/8	1185	10800
FEDERAL	209A	SR4756	31.0	REM.	RP12	1 5/8	1185	11000
REMINGTON	209PSTS	SR4756	35.5	WIN.	WAA12R	1 5/8	1250	10900
REMINGTON	209PSTS	SR4756	34.5	REM.	RP12	1 5/8	1235	10800
WINCHESTER	209	SR4756	35.5	WIN.	WAA12R	1 5/8	1260	10800
WINCHESTER	209	SR4756	36.0	REM.	RP12	1 5/8	1260	10800
FEDERAL	209A	"HI-SKOR" 800-X	25.5	WIN.	WAA12R	1 3/4	1130	10700
FEDERAL	209A	"HI-SKOR" 800-X	25.0	REM.	RP12	1 3/4	1115	10800
REMINGTON	209P	"HI-SKOR" 800-X	28.0	WIN.	WAA12R	1 3/4	1175	10600
REMINGTON	209P	"HI-SKOR" 800-X	28.0	REM.	RP12	1 3/4	1170	10500
WINCHESTER	209	"HI-SKOR" 800-X	27.5	WIN.	WAA12R	1 3/4	1165	10800
WINCHESTER	209	"HI-SKOR" 800-X	27.5	REM.	RP12	1 3/4	1155	10600
SHELL: REMINGTON 2 3/4" PREMIER, RTL, STS, NITRO 27								
REMINGTON	209P	PB	23.0	REM.	SP12	1 1/4	1215	10600
REMINGTON	209P	PB	24.5	REM.	SP12	1 1/4	1270	11500
FEDERAL	209A	SR7625	24.0	REM.	SP12	1 1/4	1215	10600
FEDERAL	209A	SR7625	25.5	REM.	SP12	1 1/4	1265	11500
FEDERAL	209A	SR7625	24.0	WIN.	WAA12R	1 1/4	1210	9900
FEDERAL	209A	SR7625	26.0	WIN.	WAA12R	1 1/4	1280	11300
REMINGTON	209P	SR7625	27.5	REM.	SP12	1 1/4	1280	10600
REMINGTON	209P	SR7625	28.5	REM.	SP12	1 1/4	1330	11500
REMINGTON	209P	SR7625	27.0	WIN.	WAA12R	1 1/4	1280	10300
REMINGTON	209P	SR7625	28.5	WIN.	WAA12R	1 1/4	1335	11400
WINCHESTER	209	SR7625	26.5	REM.	SP12	1 1/4	1280	10800
WINCHESTER	209	SR7625	27.5	REM.	SP12	1 1/4	1315	11500
WINCHESTER	209	SR7625	27.0	WIN.	WAA12R	1 1/4	1280	10200
WINCHESTER	209	SR7625	29.0	WIN.	WAA12R	1 1/4	1340	11500
FEDERAL	209A	SR4756	26.5	REM.	RP12	1 1/4	1235	10500
FEDERAL	209A	SR4756	28.0	REM.	RP12	1 1/4	1300	11500
FEDERAL	209A	SR4756	28.0	WIN.	WAA12R	1 1/4	1270	10600
FEDERAL	209A	SR4756	29.0	WIN.	WAA12R	1 1/4	1315	11400
FEDERAL	209A	SR4756	26.5	FED.	12S4	1 1/4	1230	10700
FEDERAL	209A	SR4756	27.5	FED.	12S4	1 1/4	1270	11400
REMINGTON	209P	SR4756	30.0	REM.	SP12	1 1/4	1275	9300
REMINGTON	209P	SR4756	31.5	REM.	SP12	1 1/4	1335	10400

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12 GAUGE FIELD RELOADING DATA (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON 2 3/4" PREMIER, RTL, STS, NITRO 27								
FEDERAL	209A	"HI-SKOR" 800-X	24.0	REM.	FIG8	1 1/4	1270	10200
FEDERAL	209A	"HI-SKOR" 800-X	25.5	REM.	FIG8	1 1/4	1325	11100
FEDERAL	209A	"HI-SKOR" 800-X	24.0	WINJ.	WINDJAMMER	1 1/4	1275	9900
FEDERAL	209A	"HI-SKOR" 800-X	25.5	WINJ.	WINDJAMMER	1 1/4	1330	10900
FEDERAL	209A	"HI-SKOR" 800-X	24.0	WIN.	WAA12	1 1/4	1275	11400
FEDERAL	209A	"HI-SKOR" 800-X	24.0	FED.	12S3	1 1/4	1275	11200
REMINGTON	209P	"HI-SKOR" 800-X	24.5	REM.	SP12	1 1/4	1265	9500
REMINGTON	209P	"HI-SKOR" 800-X	26.0	REM.	SP12	1 1/4	1320	10200
REMINGTON	209P	"HI-SKOR" 800-X	25.0	WINJ.	WINDJAMMER	1 1/4	1265	9000
REMINGTON	209P	"HI-SKOR" 800-X	26.5	WINJ.	WINDJAMMER	1 1/4	1325	10000
REMINGTON	209P	"HI-SKOR" 800-X	24.5	WIN.	WAA12	1 1/4	1275	10300
REMINGTON	209P	"HI-SKOR" 800-X	26.0	WIN.	WAA12	1 1/4	1325	11100
REMINGTON	209P	"HI-SKOR" 800-X	24.5	FED.	12S3	1 1/4	1270	10500
REMINGTON	209P	"HI-SKOR" 800-X	26.0	FED.	12S3	1 1/4	1320	11400
WINCHESTER	209	"HI-SKOR" 800-X	24.5	REM.	SP12	1 1/4	1280	10100
WINCHESTER	209	"HI-SKOR" 800-X	26.0	REM.	SP12	1 1/4	1335	11000
WINCHESTER	209	"HI-SKOR" 800-X	24.5	WINJ.	WINDJAMMER	1 1/4	1275	9700
WINCHESTER	209	"HI-SKOR" 800-X	24.5	WIN.	WAA12	1 1/4	1285	11000
WINCHESTER	209	"HI-SKOR" 800-X	25.5	WIN.	WAA12	1 1/4	1320	11500
WINCHESTER	209	"HI-SKOR" 800-X	24.5	FED.	12S4	1 1/4	1275	10600
WINCHESTER	209	"HI-SKOR" 800-X	26.0	FED.	12S4	1 1/4	1330	11500
FEDERAL	209A	PB	19.5	WIN.	WAA12R	1 3/8	1105	10900
FEDERAL	209A	PB	19.5	REM.	SP12	1 3/8	1090	11000
REMINGTON	209P	PB	21.5	WIN.	WAA12R	1 3/8	1150	10900
REMINGTON	209P	PB	21.0	REM.	SP12	1 3/8	1130	11000
WINCHESTER	209	PB	21.5	WIN.	WAA12R	1 3/8	1145	11000
WINCHESTER	209	PB	20.5	REM.	RP12	1 3/8	1120	11100
FEDERAL	209A	SR7625	21.5	WIN.	WAA12R	1 3/8	1100	10800
FEDERAL	209A	SR7625	22.0	REM.	SP12	1 3/8	1110	11200
REMINGTON	209P	SR7625	25.0	WIN.	WAA12R	1 3/8	1185	11000
REMINGTON	209P	SR7625	24.5	REM.	RP12	1 3/8	1165	10800
WINCHESTER	209	SR7625	23.5	WIN.	WAA12R	1 3/8	1145	10900
WINCHESTER	209	SR7625	23.0	REM.	RP12	1 3/8	1140	11100
FEDERAL	209A	"HI-SKOR" 800-X	23.0	WIN.	WAA12R	1 3/8	1215	11000
FEDERAL	209A	"HI-SKOR" 800-X	22.5	REM.	RP12	1 3/8	1205	11000
FEDERAL	209A	"HI-SKOR" 800-X	21.5	FED.	12S4	1 3/8	1155	10900
REMINGTON	209P	"HI-SKOR" 800-X	25.5	WIN.	WAA12R	1 3/8	1270	11100
REMINGTON	209P	"HI-SKOR" 800-X	26.5	REM.	SP12	1 3/8	1275	11000
REMINGTON	209P	"HI-SKOR" 800-X	24.0	FED.	12S4	1 3/8	1225	11100
WINCHESTER	209	"HI-SKOR" 800-X	24.5	WIN.	WAA12R	1 3/8	1240	10900
WINCHESTER	209	"HI-SKOR" 800-X	24.0	REM.	SP12	1 3/8	1230	11000
WINCHESTER	209	"HI-SKOR" 800-X	22.5	FED.	12S3	1 3/8	1180	11100
FEDERAL	209A	SR4756	26.0	WIN.	WAA12R	1 3/8	1205	11100
FEDERAL	209A	SR4756	26.0	REM.	SP12	1 3/8	1175	11000
REMINGTON	209P	SR4756	30.5	WIN.	WAA12R	1 3/8	1290	11100
REMINGTON	209P	SR4756	30.0	REM.	SP12	1 3/8	1260	10900
WINCHESTER	209	SR4756	28.5	WIN.	WAA12R	1 3/8	1230	10900
WINCHESTER	209	SR4756	29.0	REM.	RP12	1 3/8	1250	11100
FEDERAL	209A	SR7625	21.0	REM.	RP12	1 1/2	1040	11000
FEDERAL	209A	SR7625	21.5	WIN.	WAA12R	1 1/2	1055	11000
REMINGTON	209P	SR7625	23.5	REM.	RP12	1 1/2	1090	11200
REMINGTON	209P	SR7625	23.5	WIN.	WAA12R	1 1/2	1085	11000
WINCHESTER	209	SR7625	22.5	REM.	RP12	1 1/2	1080	11200
WINCHESTER	209	SR7625	23.0	WIN.	WAA12R	1 1/2	1080	11000

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

12 GAUGE FIELD RELOADING DATA (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON 2 3/4" PREMIER, RTL, STS, NITRO 27								
FEDERAL	209A	"HI-SKOR" 800-X	22.0	REM.	RP12	1 1/2	1130	11200
FEDERAL	209A	"HI-SKOR" 800-X	22.5	WIN.	WAA12R	1 1/2	1140	11300
REMINGTON	209P	"HI-SKOR" 800-X	23.0	REM.	RP12	1 1/2	1155	11200
REMINGTON	209P	"HI-SKOR" 800-X	23.5	WIN.	WAA12R	1 1/2	1170	11200
WINCHESTER	209	"HI-SKOR" 800-X	22.5	REM.	RP12	1 1/2	1140	11300
WINCHESTER	209	"HI-SKOR" 800-X	23.0	WIN.	WAA12R	1 1/2	1150	11200
FEDERAL	209A	SR4756	23.5	REM.	RP12	1 1/2	1075	11000
FEDERAL	209A	SR4756	24.0	WIN.	WAA12R	1 1/2	1090	11000
REMINGTON	209P	SR4756	27.0	REM.	RP12	1 1/2	1150	11200
REMINGTON	209P	SR4756	27.5	WIN.	WAA12R	1 1/2	1160	11000
WINCHESTER	209	SR4756	25.5	REM.	RP12	1 1/2	1115	11000
WINCHESTER	209	SR4756	26.5	WIN.	WAA12R	1 1/2	1130	11200
SHELL: REMINGTON 3" NITRO PLASTIC BASEWAD								
WINCHESTER	209	SR7625	33.5	REM.	SP12	1 1/2	1280	10700
WINCHESTER	209	SR7625	34.0	REM.	RXP12	1 1/2	1285	10600
WINCHESTER	209	SR4756	38.5	REM.	SP12	1 1/2	1345	10500
WINCHESTER	209	"HI-SKOR" 800-X	29.5	WIN.	WAA12	1 1/2	1285	10800
WINCHESTER	209	"HI-SKOR" 800-X	30.5	REM.	SP12	1 1/2	1300	10600
FEDERAL	209A	"HI-SKOR" 800-X	25.5	WIN.	WAA12	1 5/8	1160	10900
FEDERAL	209A	"HI-SKOR" 800-X	25.5	REM.	R12H	1 5/8	1160	10900
REMINGTON	209PSTS	"HI-SKOR" 800-X	27.5	WIN.	WAA12	1 5/8	1205	10800
REMINGTON	209PSTS	"HI-SKOR" 800-X	28.0	REM.	SP12	1 5/8	1210	10900
WINCHESTER	209	"HI-SKOR" 800-X	28.0	WIN.	WAA12	1 5/8	1210	10800
WINCHESTER	209	"HI-SKOR" 800-X	28.0	REM.	SP12	1 5/8	1210	10800
FEDERAL	209A	SR4756	30.0	WIN.	WAA12R	1 5/8	1180	11000
FEDERAL	209A	SR4756	30.5	REM.	RP12	1 5/8	1175	10900
REMINGTON	209PSTS	SR4756	34.0	WIN.	WAA12R	1 5/8	1240	10900
REMINGTON	209PSTS	SR4756	34.0	REM.	RP12	1 5/8	1235	10900
WINCHESTER	209	SR4756	35.0	WIN.	WAA12R	1 5/8	1250	11000
WINCHESTER	209	SR4756	33.5	REM.	RP12	1 5/8	1230	10800
SHELL: WINCHESTER 2 3/4" AA								
FEDERAL	209A	"HI-SKOR" 700-X	17.0	WINJ.	WINDJAMMER	1 1/4	1140	11500
REMINGTON	209P	"HI-SKOR" 700-X	19.0	WINJ.	WINDJAMMER	1 1/4	1200	11200
WINCHESTER	209	"HI-SKOR" 700-X	17.5	WINJ.	WINDJAMMER	1 1/4	1150	11400
WINCHESTER	209	PB	23.5	WIN.	WAA12R	1 1/4	1220	10500
WINCHESTER	209	PB	25.0	WIN.	WAA12R	1 1/4	1270	11500
FEDERAL	209A	SR7625	26.5	WIN.	WAA12R	1 1/4	1285	10900
FEDERAL	209A	SR7625	27.5	WIN.	WAA12R	1 1/4	1320	11500
FEDERAL	209A	SR7625	26.0	REM.	SP12	1 1/4	1275	11000
FEDERAL	209A	SR7625	27.0	REM.	SP12	1 1/4	1310	11500
REMINGTON	209P	SR7625	28.0	WIN.	WAA12R	1 1/4	1270	9100
REMINGTON	209P	SR7625	29.5	WIN.	WAA12R	1 1/4	1325	10300
REMINGTON	209P	SR7625	28.0	REM.	SP12	1 1/4	1290	10200
REMINGTON	209P	SR7625	29.0	REM.	SP12	1 1/4	1325	10900
REMINGTON	209P	SR7625	26.5	FED.	12S4	1 1/4	1265	10700
REMINGTON	209P	SR7625	28.0	FED.	12S4	1 1/4	1315	11500
WINCHESTER	209	SR7625	27.0	WIN.	WAA12	1 1/4	1275	11000
WINCHESTER	209	SR7625	28.0	WIN.	WAA12	1 1/4	1310	11500
WINCHESTER	209	SR7625	27.5	REM.	SP12	1 1/4	1275	10300
WINCHESTER	209	SR7625	29.0	REM.	SP12	1 1/4	1325	11400
WINCHESTER	209	SR7625	25.0	FED.	12S4	1 1/4	1215	10200
WINCHESTER	209	SR7625	26.5	FED.	12S4	1 1/4	1270	11400
FEDERAL	209A	SR4756	28.5	WIN.	WAA12R	1 1/4	1280	10600
FEDERAL	209A	SR4756	30.0	WIN.	WAA12R	1 1/4	1330	11500
FEDERAL	209A	SR4756	26.0	FED.	12S4	1 1/4	1225	10700
FEDERAL	209A	SR4756	27.5	FED.	12S4	1 1/4	1270	11500
FEDERAL	209A	SR4756	28.5	REM.	SP12	1 1/4	1285	10800
FEDERAL	209A	SR4756	29.5	REM.	SP12	1 1/4	1325	11500

12 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: WINCHESTER 2 3/4" AA								
REMINGTON	209P	SR4756	31.5	WIN.	WAA12R	1 1/4	1270	8200
REMINGTON	209P	SR4756	33.0	WIN.	WAA12R	1 1/4	1330	9000
REMINGTON	209P	SR4756	29.5	FED.	12S4	1 1/4	1230	8400
REMINGTON	209P	SR4756	30.5	REM.	RP12	1 1/4	1275	9600
REMINGTON	209P	SR4756	31.5	REM.	RP12	1 1/4	1330	10600
WINCHESTER	209	SR4756	30.5	WIN.	WAA12R	1 1/4	1280	9400
WINCHESTER	209	SR4756	32.0	WIN.	WAA12R	1 1/4	1335	10300
WINCHESTER	209	SR4756	26.5	FED.	12S4	1 1/4	1180	9000
WINCHESTER	209	SR4756	27.5	FED.	12S4	1 1/4	1220	9500
WINCHESTER	209	SR4756	30.0	REM.	SP12	1 1/4	1285	10000
WINCHESTER	209	SR4756	31.5	REM.	SP12	1 1/4	1340	11000
FEDERAL	209A	"HI-SKOR" 800-X	24.5	WIN.	WAA12	1 1/4	1270	10400
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WIN.	WAA12	1 1/4	1325	11400
FEDERAL	209A	"HI-SKOR" 800-X	24.5	WINJ.	WINDJAMMER	1 1/4	1270	9300
FEDERAL	209A	"HI-SKOR" 800-X	26.0	WINJ.	WINDJAMMER	1 1/4	1320	10000
FEDERAL	209A	"HI-SKOR" 800-X	25.0	REM.	SP12	1 1/4	1275	9800
FEDERAL	209A	"HI-SKOR" 800-X	26.5	REM.	SP12	1 1/4	1325	10700
FEDERAL	209A	"HI-SKOR" 800-X	24.5	FED.	12S4	1 1/4	1270	10600
FEDERAL	209A	"HI-SKOR" 800-X	26.0	FED.	12S4	1 1/4	1325	11500
REMINGTON	209P	"HI-SKOR" 800-X	27.0	WIN.	WAA12	1 1/4	1275	8200
REMINGTON	209P	"HI-SKOR" 800-X	28.5	WIN.	WAA12	1 1/4	1335	9600
REMINGTON	209P	"HI-SKOR" 800-X	26.0	WINJ.	WINDJAMMER	1 1/4	1270	8100
REMINGTON	209P	"HI-SKOR" 800-X	28.5	WINJ.	WINDJAMMER	1 1/4	1325	9000
REMINGTON	209P	"HI-SKOR" 800-X	27.5	REM.	SP12	1 1/4	1280	7800
REMINGTON	209P	"HI-SKOR" 800-X	29.0	REM.	SP12	1 1/4	1325	8500
REMINGTON	209P	"HI-SKOR" 800-X	26.0	FED.	12S4	1 1/4	1265	8600
REMINGTON	209P	"HI-SKOR" 800-X	27.5	FED.	12S4	1 1/4	1320	9600
WINCHESTER	209	"HI-SKOR" 800-X	25.0	WIN.	WAA12	1 1/4	1270	9900
WINCHESTER	209	"HI-SKOR" 800-X	26.5	WIN.	WAA12	1 1/4	1320	10700
WINCHESTER	209	"HI-SKOR" 800-S	25.5	WINJ.	WINDJAMMER	1 1/4	1275	9000
WINCHESTER	209	"HI-SKOR" 800-X	27.0	WINJ.	WINDJAMMER	1 1/4	1330	10000
WINCHESTER	209	"HI-SKOR" 800-X	25.0	REM.	SP12	1 1/4	1270	9400
WINCHESTER	209	"HI-SKOR" 800-X	26.5	REM.	SP12	1 1/4	1325	10200
WINCHESTER	209	"HI-SKOR" 800-X	25.0	FED.	12S3	1 1/4	1275	10000
WINCHESTER	209	"HI-SKOR" 800-X	26.5	FED.	12S3	1 1/4	1330	10900
FEDERAL	209A	PB	20.0	WIN.	WAA12R	1 3/8	1105	11200
FEDERAL	209A	PB	19.5	REM.	RP12	1 3/8	1090	11100
REMINGTON	209P	PB	22.5	WIN.	WAA12R	1 3/8	1165	11100
REMINGTON	209P	PB	22.0	REM.	RP12	1 3/8	1150	11200
WINCHESTER	209	PB	21.0	WIN.	WAA12R	1 3/8	1125	10900
WINCHESTER	209	PB	20.5	REM.	SP12	1 3/8	1115	11100
FEDERAL	209A	SR7625	22.5	WIN.	WAA12R	1 3/8	1130	11000
FEDERAL	209A	SR7625	23.0	REM.	SP12	1 3/8	1130	11100
REMINGTON	209P	SR7625	26.0	WIN.	WAA12R	1 3/8	1190	11000
REMINGTON	209P	SR7625	24.5	REM.	SP12	1 3/8	1155	10900
WINCHESTER	209	SR7625	24.0	WIN.	WAA12R	1 3/8	1155	11200
WINCHESTER	209	SR7625	24.0	REM.	SP12	1 3/8	1150	10900
FEDERAL	209A	"HI-SKOR" 800-X	25.5	WIN.	WAA12R	1 3/8	1260	11000
FEDERAL	209A	"HI-SKOR" 800-X	25.0	REM.	SP12	1 3/8	1245	11100
FEDERAL	209A	"HI-SKOR" 800-X	22.5	FED.	12S4	1 3/8	1180	11100
REMINGTON	209P	"HI-SKOR" 800-X	29.0	WIN.	WAA12R	1 3/8	1320	10100
REMINGTON	209P	"HI-SKOR" 800-X	30.0	REM.	RP12	1 3/8	1345	11200
REMINGTON	209P	"HI-SKOR" 800-X	27.0	FED.	12S4	1 3/8	1280	11100
WINCHESTER	209	"HI-SKOR" 800-X	26.0	WIN.	WAA12R	1 3/8	1275	11000
WINCHESTER	209	"HI-SKOR" 800-X	26.0	REM.	SP12	1 3/8	1270	11100
WINCHESTER	209	"HI-SKOR" 800-X	23.5	FED.	12S4	1 3/8	1200	11100

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

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12 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: WINCHESTER 2 3/4" AA								
FEDERAL	209A	SR4756	27.0	WIN.	WAA12R	1 3/8	1185	10900
FEDERAL	209A	SR4756	27.5	REM.	SP12	1 3/8	1210	11200
REMINGTON	209P	SR4756	32.0	WIN.	WAA12R	1 3/8	1290	10600
REMINGTON	209P	SR4756	31.0	REM.	RP12	1 3/8	1265	10900
WINCHESTER	209	SR4756	30.0	WIN.	WAA12R	1 3/8	1265	11200
WINCHESTER	209	SR4756	28.5	REM.	SP12	1 3/8	1230	11000
SHELL: WINCHESTER 3" AA PLASTIC BASEWAD								
FEDERAL	209A	"HI-SKOR" 800-X	28.0	WIN.	WAA12	1 5/8	1210	10800
FEDERAL	209A	"HI-SKOR" 800-X	28.5	REM.	RXP12	1 5/8	1220	11000
REMINGTON	209PSTS	"HI-SKOR" 800-X	30.0	WIN.	WAA12	1 5/8	1250	10900
REMINGTON	209PSTS	"HI-SKOR" 800-X	31.5	REM.	RXP12	1 5/8	1265	11000
WINCHESTER	209	"HI-SKOR" 800-X	30.5	WIN.	WAA12	1 5/8	1260	11000
WINCHESTER	209	"HI-SKOR" 800-X	30.5	REM.	RXP12	1 5/8	1255	11000
FEDERAL	209A	SR4756	31.0	WIN.	WAA12F114	1 5/8	1180	10800
FEDERAL	209A	SR4756	33.0	REM.	SP12	1 5/8	1225	10900
REMINGTON	209PSTS	SR4756	37.5	2IN.	WAA12R	1 5/8	1290	11000
REMINGTON	209PSTS	SR4756	35.5	REM.	RP12	1 5/8	1265	10900
WINCHESTER	209	SR4756	38.5	WIN.	WAA12R	1 5/8	1295	10900
WINCHESTER	209	SR4756	37.5	REM.	RP12	1 5/8	1290	11000

16 GAUGE FIELD RELOADING DATA

PRIMER MFR.	PRIMER NO.	IMR POWDER DESIGNATION	IMR POWDER GRAINS	WAD COLUMN MFR.	WAD COLUMN DESIGNATION	LEAD SHOT (OZ.)	MUZZLE VELOCITY (FT/SEC)	CHAMBER PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" GAME								
FEDERAL	209A	"HI-SKOR" 700-X	15.5	WIN.	WAA16	1	1175	11000
REMINGTON	209P	"HI-SKOR" 700-X	16.5	WIN.	WAA16	1	1210	11200
WINCHESTER	209	"HI-SKOR" 700-X	16.0	WIN.	WAA16	1	1195	11200
FEDERAL	209A	PB	21.5	WIN.	WAA16	1	1280	11000
REMINGTON	209P	PB	25.0	REM.	SP16	1	1360	11200
WINCHESTER	209	PB	23.5	WIN.	WAA16	1	1330	11200
FEDERAL	209A	SR7625	24.5	WIN.	WAA16	1	1340	11000
REMINGTON	209P	SR7625	26.5	REM.	SP16	1	1375	10400
WINCHESTER	209	SR7625	25.0	WIN.	WAA16	1	1330	9900
FEDERAL	209A	"HI-SKOR" 800-X	24.0	REM.	SP16	1	1385	10400
REMINGTON	209P	"HI-SKOR" 800-X	25.0	REM.	SP16	1	1350	8300
WINCHESTER	209	"HI-SKOR" 800-X	24.5	WIN.	WAA16	1	1390	10200
FEDERAL	209A	SR4756	25.0	WIN.	WAA16	1	1240	8500
REMINGTON	209P	SR4756	27.0	REM.	SP16	1	1210	6400
WINCHESTER	209	SR4756	25.0	WIN.	WAA16	1	1210	7200
FEDERAL	209A	PB	19.0	REM.	SP16	1 1/8	1145	10800
REMINGTON	209P	PB	21.0	REM.	SP16	1 1/8	1205	10500
WINCHESTER	209	PB	20.5	REM.	SP16	1 1/8	1195	11000
FEDERAL	209A	SR7625	22.0	REM.	SP16	1 1/8	1220	11000
REMINGTON	209P	SR7625	23.0	REM.	SP16	1 1/8	1200	9000
WINCHESTER	209	SR7625	23.0	REM.	SP16	1 1/8	1240	10800
FEDERAL	209A	"HI-SKOR" 800-X	22.5	REM.	SP16	1 1/8	1285	11000
REMINGTON	209P	"HI-SKOR" 800-X	24.5	REM.	SP16	1 1/8	1310	10100
WINCHESTER	209	"HI-SKOR" 800-X	22.5	REM.	SP16	1 1/8	1285	10800
FEDERAL	209A	SR4756	23.0	REM.	SP16	1 1/8	1150	8400
REMINGTON	209P	SR4756	23.0	REM.	SP16	1 1/8	1045	6200
WINCHESTER	209	SR4756	23.0	REM.	SP16	1 1/8	1120	7700

16 GAUGE FIELD RELOADING DATA (Cont'd)

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PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON 2 3/4" GAME (BLACK)								
FEDERAL	209A	"HI-SKOR" 700-X	13.0	WIN.	WAA16	1	1095	11000
REMINGTON	209P	"HI-SKOR" 700-X	14.5	WIN.	WAA16	1	1150	11000
WINCHESTER	209	"HI-SKOR" 700-X	13.5	WIN.	WAA16	1	1120	11200
FEDERAL	209A	PB	17.5	REM.	SP16	1	1180	11200
REMINGTON	209P	PB	20.0	REM.	SP16	1	1240	10700
WINCHESTER	209	PB	19.0	WIN.	WAA16	1	1210	11000
FEDERAL	209A	SR7625	21.0	REM.	SP16	1	1250	11200
REMINGTON	209P	SR7625	23.5	REM.	SP16	1	1310	11200
WINCHESTER	209	SR7625	22.5	WIN.	WAA16	1	1285	11200
FEDERAL	209A	"HI-SKOR" 800-X	20.5	REM.	SP16	1	1295	11200
REMINGTON	209P	"HI-SKOR" 800-X	24.0	REM.	SP16	1	1390	11100
WINCHESTER	209	"HI-SKOR" 800-X	21.5	WIN.	WAA16	1	1315	11000
FEDERAL	209A	SR4756	23.5	REM.	SP16	1	1280	11000
REMINGTON	209P	SR4756	29.0	REM.	SP16	1	1380	10100
WINCHESTER	209	SR4756	22.0	WIN.	WAA16	1	1160	8200
FEDERAL	209A	PB	16.5	REM.	SP16	1 1/8	1090	11000
REMINGTON	209P	PB	18.5	REM.	SP16	1 1/8	1140	11000
WINCHESTER	209	PB	18.0	REM.	SP16	1 1/8	1120	11100
FEDERAL	209A	SR7625	19.5	REM.	SP16	1 1/8	1140	11000
REMINGTON	209P	SR7625	22.0	REM.	SP16	1 1/8	1210	11000
WINCHESTER	209	SR7625	21.0	REM.	SP16	1 1/8	1180	10900
FEDERAL	209A	"HI-SKOR" 800-X	19.0	REM.	SP16	1 1/8	1195	10800
REMINGTON	209P	"HI-SKOR" 800-X	21.0	REM.	SP16	1 1/8	1240	10800
WINCHESTER	209	"HI-SKOR" 800-X	19.5	REM.	SP16	1 1/8	1220	10900
FEDERAL	209A	SR4756	22.0	REM.	SP16	1 1/8	1185	10900
REMINGTON	209P	SR4756	24.0	REM.	SP16	1 1/8	1175	9500
WINCHESTER	209	SR4756	23.5	REM.	SP16	1 1/8	1220	11000
SHELL: WINCHESTER 2 3/4" X-PERT								
FEDERAL	209A	"HI-SKOR" 700-X	12.5	WIN.	WAA16	1	1085	11000
REMINGTON	209P	"HI-SKOR" 700-X	14.5	WIN.	WAA16	1	1145	11000
WINCHESTER	209	"HI-SKOR" 700-X	13.0	WIN.	WAA16	1	1105	11000
FEDERAL	209A	PB	19.5	WIN.	WAA16	1	1240	11200
REMINGTON	209P	PB	21.0	REM.	SP16	1	1265	10800
WINCHESTER	209	PB	19.0	WIN.	WAA16	1	1220	10900
FEDERAL	209A	SR7625	20.5	WIN.	WAA16	1	1230	10900
REMINGTON	209P	SR7625	23.0	REM.	SP16	1	1290	11200
WINCHESTER	209	SR7625	22.0	WIN.	WAA16	1	1270	11000
FEDERAL	209A	"HI-SKOR" 800-X	22.5	WIN.	WAA16	1	1350	10800
REMINGTON	209P	"HI-SKOR" 800-X	24.0	WIN.	SP16	1	1350	9000
WINCHESTER	209	"HI-SKOR" 800-X	23.0	WIN.	WAA16	1	1360	11200
FEDERAL	209A	SR4756	22.5	REM.	SP16	1	1245	10900
REMINGTON	209P	SR4756	27.0	REM.	SP16	1	1335	9900
WINCHESTER	209	SR4756	21.0	WIN.	WAA16	1	1130	7800
FEDERAL	209A	PB	16.0	REM.	SP16	1 1/8	1075	11100
REMINGTON	209P	PB	18.5	REM.	SP16	1 1/8	1145	11100
WINCHESTER	209	PB	17.0	REM.	SP16	1 1/8	1100	10800
FEDERAL	209A	SR7625	18.0	REM.	SP16	1 1/8	1100	10800
REMINGTON	209P	SR7625	19.5	REM.	SP16	1 1/8	1160	10900
WINCHESTER	209	SR7625	19.0	REM.	SP16	1 1/8	1140	10900
FEDERAL	209A	"HI-SKOR" 800-X	19.0	REM.	SP16	1 1/8	1180	10900
REMINGTON	209P	"HI-SKOR" 800-X	22.0	REM.	SP16	1 1/8	1245	10100
WINCHESTER	209	"HI-SKOR" 800-X	20.0	REM.	SP16	1 1/8	1210	11000
FEDERAL	209A	SR4756	20.5	REM.	SP16	1 1/8	1150	10800
REMINGTON	209P	SR4756	23.0	REM.	SP16	1 1/8	1150	8900
WINCHESTER	209	SR4756	22.5	REM.	SP16	1 1/8	1200	11100

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

20 GAUGE FIELD RELOADING DATA

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: FEDERAL 2 3/4" PLASTIC TARGET/HUNTING								
FEDERAL	209A	SR7625	19.0	WIN.	WAA20F1	1	1205	11700
REMINGTON	209P	SR7625	21.0	REM.	SP20	1	1240	11400
WINCHESTER	209	SR7625	20.5	WIN.	WAA20F1	1	1235	11600
FEDERAL	209A	"HI-SKOR" 800-X	19.0	FED.	20S1	1	1255	11500
FEDERAL	209A	"HI-SKOR" 800-X	18.5	REM.	SP20	1	1245	11600
FEDERAL	209A	"HI-SKOR" 800-X	19.0	WIN.	WAA20F1	1	1270	11800
REMINGTON	209P	"HI-SKOR" 800-X	20.0	FED.	20S1	1	1275	11100
REMINGTON	209P	"HI-SKOR" 800-X	21.0	REM.	SP20	1	1320	11400
REMINGTON	209P	"HI-SKOR" 800-X	21.0	WIN.	WAA20F1	1	1330	11600
WINCHESTER	209	"HI-SKOR" 800-X	19.5	FED.	20S1	1	1270	11600
WINCHESTER	209	"HI-SKOR" 800-X	20.0	REM.	SP20	1	1290	11700
WINCHESTER	209	"HI-SKOR" 800-X	19.5	WIN.	WAA20F1	1	1285	11500
SHELL: FEDERAL 3" MAGNUM PAPER BASE WAD								
FEDERAL	209A	PB	17.0	FED.	20S1	1 1/8	1080	11300
FEDERAL	209A	PB	18.0	REM.	RXP20	1 1/8	1130	11500
FEDERAL	209A	PB	17.5	2IN.	WAA20	1 1/8	1110	11600
REMINGTON	209P	PB	19.0	FED.	20S1	1 1/8	1140	11600
REMINGTON	209P	PB	20.0	REM.	RXP20	1 1/8	1175	11400
WINCHESTER	209	PB	19.0	FED.	20S1	1 1/8	1160	11700
WINCHESTER	209	PB	18.0	REM.	RXP20	1 1/8	1120	11400
WINCHESTER	209	PB	17.0	WIN.	WAA20	1 1/8	1090	11400
FEDERAL	209A	"HI-SKOR" 800-X	19.0	FED.	20S1	1 1/8	1200	11600
FEDERAL	209A	"HI-SKOR" 800-X	19.5	REM.	RXP20	1 1/8	1215	11500
FEDERAL	209A	"HI-SKOR" 800-X	19.5	WIN.	WAA20	1 1/8	1210	11500
REMINGTON	209P	"HI-SKOR" 800-X	22.0	FED.	20S1	1 1/8	1275	11700
REMINGTON	209P	"HI-SKOR" 800-X	21.0	REM.	SP20	1 1/8	1255	11600
REMINGTON	209P	"HI-SKOR" 800-X	22.0	WIN.	WAA20	1 1/8	1275	11400
WINCHESTER	209	"HI-SKOR" 800-X	19.5	FED.	20S1	1 1/8	1210	11600
WINCHESTER	209	"HI-SKOR" 800-X	19.5	REM.	SP20	1 1/8	1210	11500
WINCHESTER	209	"HI-SKOR" 800-X	19.0	WIN.	WAA20	1 1/8	1200	11400
FEDERAL	209A	SR4756	21.0	FED.	20S1	1 1/8	1165	11400
FEDERAL	209A	SR4756	21.5	REM.	SP20	1 1/8	1190	11700
FEDERAL	209A	SR4756	20.5	WIN.	WAA20	1 1/8	1160	11700
REMINGTON	209P	SR4756	24.0	FED.	20S1	1 1/8	1235	11200
REMINGTON	209P	SR4756	24.5	REM.	SP20	1 1/8	1250	11200
REMINGTON	209P	SR4756	24.0	WIN.	WAA20	1 1/8	1240	11000
WINCHESTER	209	SR4756	21.5	FED.	20S1	1 1/8	1185	11300
WINCHESTER	209	SR4756	23.0	REM.	SP20	1 1/8	1215	11500
WINCHESTER	209	SR4756	22.5	WIN.	WAA20	1 1/8	1215	11700
FEDERAL	209A	"HI-SKOR" 800-X	17.5	REM.	SP20	1 1/4	1095	11500
FEDERAL	209A	"HI-SKOR" 800-X	18.0	WIN.	WAA20F1	1 1/4	1115	11700
REMINGTON	209P	"HI-SKOR" 800-X	19.5	REM.	SP20	1 1/4	1155	11400
REMINGTON	209P	"HI-SKOR" 800-X	20.0	WIN.	WAA20F1	1 1/4	1170	11000
WINCHESTER	209	"HI-SKOR" 800-X	18.0	REM.	SP20	1 1/4	1105	11400
WINCHESTER	209	"HI-SKOR" 800-X	18.5	WIN.	WAA20F1	1 1/4	1130	11400
SHELL: REMINGTON 2 3/4" PREMIER (RTL)								
FEDERAL	209A	SR7625	14.5	WIN.	WAA20F1	1	1060	11400
FEDERAL	209A	SR7625	14.5	REM.	SP20	1	1055	11500
REMINGTON	209P	SR7625	16.5	WIN.	WAA20F1	1	1125	11800
REMINGTON	209P	SR7625	16.0	REM.	SP20	1	1105	11600
WINCHESTER	209	SR7626	16.0	WIN.	WAA20F1	1	1110	11800
WINCHESTER	209	SR7625	16.0	REM.	SP20	1	1105	11400
FEDERAL	209A	"HI-SKOR" 800-X	15.0	FED.	20S1	1	1115	11400
FEDERAL	209A	"HI-SKOR" 800-X	16.0	REM.	SP20	1	1170	11800
FEDERAL	209A	"HI-SKOR" 800-X	15.5	WIN.	WAA20F1	1	1150	11800
REMINGTON	209P	"HI-SKOR" 800-X	16.0	FED.	20S1	1	1160	11200
REMINGTON	209P	"HI-SKOR" 800-X	17.5	REM.	SP20	1	1220	11900
REMINGTON	209P	"HI-SKOR" 800-X	17.0	WIN.	WAA20F1	1	1205	11700

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20 GAUGE FIELD RELOADING DATA (Cont'd)

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON 2 3/4" PREMIER (RTL)								
WINCHESTER	209	"HI-SKOR" 800-X	16.0	FED.	20S1	1	1160	11700
WINCHESTER	209	"HI-SKOR" 800-X	17.0	REM.	RXP20	1	1200	11800
WINCHESTER	209	"HI-SKOR" 800-X	16.5	WIN.	WAA20F1	1	1185	11800
FEDERAL	209A	SR4756	17.0	REM.	SP20	1	1125	11800
REMINGTON	209P	SR4756	19.5	REM.	SP20	1	1185	11500
WINCHESTER	209	SR4756	18.5	REM.	SP20	1	1160	11700
SHELL: REMINGTON 3" UNIBODY								
FEDERAL	209A	"HI-SKOR" 800-X	15.5	FED.	20C1	1 1/8	1095	11600
FEDERAL	209A	"HI-SKOR" 800-X	15.5	REM.	SP20	1 1/8	1105	11800
FEDERAL	209A	"HI-SKOR" 800-X	15.5	WIN.	WAA20	1 1/8	1095	11600
REMINGTON	209P	"HI-SKOR" 800-X	17.0	FED.	20C1	1 1/8	1145	11600
REMINGTON	209P	"HI-SKOR" 800-X	17.0	REM.	SP20	1 1/8	1150	11700
REMINGTON	209P	"HI-SKOR" 800-X	16.0	WIN.	WAA20	1 1/8	1110	11100
WINCHESTER	209	"HI-SKOR" 800-X	16.5	FED.	20C1	1 1/8	1120	11500
WINCHESTER	209	"HI-SKOR" 800-X	16.0	REM.	SP20	1 1/8	1100	11600
WINCHESTER	209	"HI-SKOR" 800-X	16.0	WIN.	WAA20	1 1/8	1110	11600
SHELL: REMINGTON 3" UNIBODY								
FEDERAL	209A	"HI-SKOR" 800-X	14.5	REM.	SP20	1 1/4	1020	11700
REMINGTON	209P	"HI-SKOR" 800-X	16.0	REM.	SP20	1 1/4	1070	11700
WINCHESTER	209	"HI-SKOR" 800-X	15.0	REM.	SP20	1 1/4	1035	11600
SHELL: WINCHESTER 2 3/4" SUPER-X								
FEDERAL	209A	SR7625	14.0	WIN.	WAA20F1	1	1040	11400
FEDERAL	209A	SR7625	14.5	REM.	RXP20	1	1060	11600
REMINGTON	209P	SR7625	15.0	WIN.	WAA20F1	1	1065	10900
REMINGTON	209P	SR7625	15.0	REM.	RXP20	1	1050	9800
WINCHESTER	209	SR7625	14.5	WIN.	WAA20F1	1	1060	11400
WINCHESTER	209	SR7625	15.0	REM.	RXP20	1	1065	11300
FEDERAL	209A	"HI-SKOR" 800-X	14.5	WIN.	WAA20F1	1	1130	11800
FEDERAL	209A	"HI-SKOR" 800-X	15.0	REM.	RXP20	1	1135	11700
REMINGTON	209P	"HI-SKOR" 800-X	17.0	WIN.	WAA20F1	1	1200	11500
REMINGTON	209P	"HI-SKOR" 800-X	17.0	REM.	RXP20	1	1185	10800
WINCHESTER	209	"HI-SKOR" 800-X	15.5	WIN.	WAA20F1	1	1150	11500
WINCHESTER	209	"HI-SKOR" 800-X	16.0	REM.	RXP20	1	1160	11600
WINCHESTER	209	SR4756	17.0	WIN.	WAA20F1	1	1105	11100
WINCHESTER	209	SR4756	17.0	REM.	RXP20	1	1100	10700

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NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

Data shown were obtained under controlled conditions: to achieve the ballistic results as listed in this Guide, you must comply, exactly, with each and every listed condition that produced these results. In effect, these data as presented in the shotshell section are a "recipe," to be followed without deviation to achieve the stated ballistic level. The values shown may vary substantially if different component combinations and/or techniques are employed.

.410 BORE FIELD RELOADING DATA

PRIMER		IMR POWDER		WAD COLUMN		LEAD	MUZZLE	CHAMBER
MFR.	NO.	DESIGNATION	GRAINS	MFR.	DESIGNATION	SHOT (OZ.)	VELOCITY (FT/SEC)	PRESSURE (PSI)
SHELL: REMINGTON 3" SP "EXPRESS"								
REMINGTON	209PSTS	IMR4198	26.5	REM.	SP410	1/2	1455	11100
FEDERAL	209A	IMR4227	19.0	REM.	SP410	11/16	1175	13300
REMINGTON	209P	IMR4227	19.0	REM.	SP410	11/16	1115	10900
WINCHESTER	209	IMR4227	19.0	REM.	SP410	11/16	1120	11600
SHELL: WINCHESTER 3" COMPRESSION-FORMED "SUPER-X"								
WINCHESTER	209	IMR4198	22.0	WIN.	WAA41	1/2	1260	9100
FEDERAL	209A	IMR4227	16.5	WIN.	WAA41	5/8	1055	10700
WINCHESTER	209	IMR4227	16.5	WIN.	WAA41	5/8	1015	9200

NOTE - ALL DATA SHOWN IS FOR LEAD SHOT. DO NOT ATTEMPT TO LOAD WITH STEEL SHOT AS DANGEROUS LOADS MAY RESULT.

ABBREVIATIONS AND MANUFACTURERS' TRADEMARKS

FEDERAL

Shotgun Shells: Hi-Power*, Gold Medal*, Paper Champion*.

Abbreviations Used

FC
SC

Trade Names

Fiber Cushion Wad
Shot Cup

*Registered trademarks of Federal Cartridge Co., Minneapolis, MN

WINCHESTER*

Shotgun Shells: Double A*, Super-X*, Upland*.

*Registered trademarks of Olin Corp., East Alton, IL

BALLISTIC PRODUCTS, INC.

20015 75 Ave. No.
Corcoran, MN 55340

Abbreviations Used

BP
BPGS

BPSB

Trade Names

Ballistic Products
Ballistic Products
Gas Seal Wad
Ballistic Products
Shot Buffer Material

REMINGTON*

Shotgun Shells: "Express," "RXP," "PREMIER."

*Registered trademarks of Remington Arms Co., Maddison, NC

DANGER! Smokeless powder is an extremely flammable solid and can be dangerous if improperly handled. It should not be exposed to heat, sparks, or open flame. In accordance with good handloading practices, all reloading components including smokeless powder should be kept out of reach of children at all times.

REFERENCE TABLES

POWDER TABLE

GRAINS PER LOAD	LOADS PER POUND	GRAINS PER LOAD	LOADS PER POUND	GRAINS PER LOAD	LOADS PER POUND
12	583	23	304	34	205
13	538	24	291	35	200
14	500	25	280	36	194
15	466	26	269	37	189
16	437	27	259	38	184
17	411	28	250	39	179
18	388	29	241	40	175
19	368	30	233	41	170
20	350	31	255	42	166
21	333	32	218	43	162
22	318	33	212		

CHILLED SHOT TABLE

Weight Ounces	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	
Weight Grains	219	273	328	383	438	492	547	602	656	711	766	820	875	930	
Loads per Lb.	32	26	21	18	16	14	13	12	11	10	9	9	8	8	
Size	Approximate No. of Pellets per load														
BB	.18	25	31	38	44	50	56	63	69	75	81	88	94	100	106
2	.15	44	55	66	77	88	99	110	121	132	143	154	165	176	187
4	.13	68	85	102	119	136	153	170	187	204	221	238	255	171	189
2	.12	86	108	129	151	172	194	215	137	258	280	301	323	344	366
6	.11	112	139	167	195	223	251	279	307	335	362	390	418	446	474
7	.10	150	187	224	262	299	336	374	411	449	486	523	561	598	635
7 1/2	.095	173	216	259	302	345	388	431	474	518	564	604	647	690	733
8	.085	240	300	360	420	480	540	600	660	720	780	840	900	960	1020
9	.08	293	366	439	512	585	658	731	804	878	951	1024	1097	1170	1243

RIFLE

IMPORTANT: Recommended uses of IMR powder relate only to the appropriate IMR powder and not to those available from other firms. Although the four digit numerical designations of other manufacturers' products may be identical to those preceded by the IMR prefix, the powders are different. To avoid potential confusion, gun damage and personal injury, therefore, handloaders should be careful to note the prefix of recommended powder designations.

KEY TO ABBREVIATIONS FOR RIFLE DATA

BP	Bronze Point	IMR	Improved Military Rifle	PTD	Pointed
BR	Bench Rest	M	Magnum	RN	Round Nose
BT	Boat Tail	PL	"Power-Lokt"	SP	Soft Point
C	Compressed Charge	PR	Primer	SPCL	Soft Point "Core-Lokt"
C.O.L.	Cartridge Overall Length	PSP	Pointed Soft Point		
HP	Hollow Point	PSPCL	Pointed Soft Point "Core-Lokt"		

IMR	CHARGE	VELOCITY	CHAMBER	IMR	CHARGE	VELOCITY	CHAMBER	IMR	CHARGE	VELOCITY	CHAMBER	IMR	CHARGE	VELOCITY	CHAMBER
POWDER	(grains)	(ft/sec)	PRESS. (cup)	POWDER	(grains)	(ft/sec)	PRESS. (cup)	POWDER	(grains)	(ft/sec)	PRESS. (cup)	POWDER	(grains)	(ft/sec)	PRESS. (cup)

.17 REMINGTON

REM. CASE; REM. 7 1/2 PR
REM. 25 GR. PL HP
.1722" DIA.; 24" BBL.; 2.100" C.O.L.

IMR 3031	22.5	4015	51700
IMR 4064	24.0C	4005	50700
IMR 4895	23.5	3995	51400
IMR 4350	24.5C	3470	39000
IMR 4831	25.0C	3330	33500

.22 HORNET

REM. CASE; REM. 6 1/2 PR
HORNADY 45 GR.
.224" DIA.; 25" BBL.; 1.720" C.O.L.

SR 4759	8.0C	2000	24700
IMR 4227	11.5C	2515	38900
IMR 4198	10.5C	2010	20100
IMR 3031	11.0C	1675	14100
IMR 4064	11.0C	1545	13100
IMR 4895	12.0C	1735	15500
IMR 4320	12.0C	1650	14900
IMR 4350	11.5C	1280	11700
IMR 4831	11.5C	1085	10700

.220 SWIFT

REM. CASE; REM. 9 1/2 PR
SIERRA 50 GR. SPITZER
.224" DIA.; 24" BBL.; 2.680" C.O.L.

SR 4759	25.5	3345	53000
IMR 4227	24.5	3295	52500
IMR 4198	32.0	3685	53000
IMR 3031	37.5	3845	51400
IMR 4064	39.5	3895	52500
IMR 4895	38.5	3805	52100
IMR 4320	40.0	3790	53000
IMR 4350	43.5C	3740	49100
IMR 4831	43.5C	3560	41700

.220 SWIFT

REM. CASE; REM. 9 1/2 PR
HORNADY 60 GR. SPIRE PT.
.224" DIA.; 24" BBL.; 2.680" C.O.L.

SR 4759	23.5	2980	52500
IMR 4227	23.5	3000	53000
IMR 4198	28.5	3265	52200
IMR 3031	34.0	3470	52300
IMR 4064	35.5	3505	52300
IMR 4895	34.5	3470	53000
IMR 4320	36.5	3480	52800
IMR 4350	39.5	3500	53000
IMR 4831	42.5C	3555	53000

.222 REMINGTON

REM. CASE; REM. 7 1/2 PR
HORNADY 45 GR.
.224" DIA.; 25" BBL.; 2.130" C.O.L.

SR 4759	16.5	2925	44000
IMR 4227	17.5	3055	44000
IMR 4198	21.5	3315	45000
IMR 3031	24.0C	3065	33100
IMR 4064	24.0C	2910	31700
IMR 4895	25.5C	3165	39500
IMR 4320	26.0C	3115	39700
IMR 4350	25.0C	2545	24700
IMR 4831	25.0C	2375	22300

.222 REMINGTON

REM. CASE; REM. 7 1/2 PR
HORNADY 50 GR. SPIRE PT. SX
.224" DIA.; 25" BBL.; 2.130" C.O.L.

SR 4759	16.5	2845	45000
IMR 4227	17.5	2965	45500
IMR 4198	20.5	3130	44500
IMR 3031	23.5C	3045	38400
IMR 4064	23.5C	2875	34200
IMR 4895	25.0C	3085	43100
IMR 4320	26.0C	3065	40800
IMR 4350	24.5C	2495	23400
IMR 4831	24.5C	2320	21500

.222 REMINGTON

REM. CASE; REM. 7 1/2 PR
REM. 55 GR. PTD. SP
.224" DIA.; 25" BBL.; 2.130" C.O.L.

SR 4759	15.5	2665	44200
IMR 4227	17.0	2835	45800
IMR 4198	20.0	2990	42600
IMR 3031	23.0C	2945	38300
IMR 4064	23.5C	2825	34100
IMR 4895	25.0C	3085	45900
IMR 4320	25.5C	2985	43500
IMR 4350	24.5C	2475	26800
IMR 4831	24.5C	2300	24100

.22-250 REMINGTON

REM. CASE; REM. 9 1/2 PR
SIERRA 50 GR. SPITZER
.224" DIA.; 24" BBL.; 2.350" C.O.L.

SR 4759	23.0	3205	52500
IMR 4227	21.5	3140	49300
IMR 4198	28.5	3565	53000
IMR 3031	35.0	3785	52700
IMR 4064	35.0	3745	52100
IMR 4895	36.0	3755	52700
IMR 4320	37.0	3700	53000
IMR 4350	40.0C	3565	47000
IMR 4831	40.0C	3390	41600

.22-250 REMINGTON

REM. CASE; REM. 9 1/2 PR
REM. 55 GR. PTD. SP
.224" DIA.; 24" BBL.; 2.350" C.O.L.

SR 4759	22.0	3100	53000
IMR 4227	21.5	3030	42300
IMR 4198	27.5	3375	52200
IMR 3031	34.0	3640	53000
IMR 4064	35.5	3625	52500
IMR 4895	35.5	3645	53000
IMR 4320	36.0	3540	51500
IMR 4350	39.5C	3495	47700
IMR 4831	39.5C	3320	42500

.223 REMINGTON

REM. CASE; REM. 7 1/2 PR
SIERRA 45 GR. SPITZER
.224" DIA.; 24" BBL.; 2.190" C.O.L.

SR 4759	17.5	3040	51000
IMR 4227	17.5	3085	51400
IMR 4198	22.0	3360	50300
IMR 3031	25.5C	3300	42200
IMR 4064	25.5C	3180	42500
IMR 4895	26.5C	3280	45900
IMR 4320	27.5C	3200	45100

.223 REMINGTON

REM. CASE; REM. 7 1/2 PR
SIERRA 50 GR. SPITZER
.224" DIA.; 24" BBL.; 2.260" C.O.L.

IMR 3031	25.5C	3225	45300
IMR 4064	25.5C	3150	44200
IMR 4895	26.5C	3270	48800
IMR 4320	27.5C	3200	48300

.223 REMINGTON

REM. CASE; REM. 7 1/2 PR
HORNADY 55 GR. SPIRE PT. SX
.224" DIA.; 24" BBL.; 2.260" C.O.L.

IMR 3031	25.0C	3165	50900
IMR 4064	25.5C	3090	49200
IMR 4895	26.0	3120	51100
IMR 4320	27.0C	3075	50300

6 MM REMINGTON

REM. CASE; REM. 9 1/2 PR
REM. 80 GR. PTD. SP
.243" DIA.; 22" BBL.; 2.790" C.O.L.

SR 4759	24.5	2640	50600
IMR 4227	24.5	2650	50200
IMR 4198	31.5	3015	51500
IMR 3031	39.5	3275	52000
IMR 4064	41.0	3295	52000
IMR 4895	36.5	3105	51300
IMR 4320	40.0	3180	52000
IMR 4350	46.0	3310	52000
IMR 4831	48.0	3300	51900

6 MM REMINGTON

REM. CASE; REM. 9 1/2 PR
REM. 100 GR. PTD. SPCL
.243" DIA.; 22" BBL.; 2.735" C.O.L.

SR 4759	23.5	2400	51600
IMR 4227	23.5	2395	51500
IMR 4198	29.0	2660	52000
IMR 3031	36.5	2925	52000
IMR 4064	38.0	2945	51000
IMR 4895	35.5	2880	51600
IMR 4320	37.0	2875	51300
IMR 4350	43.5	3055	52000
IMR 4831	45.5	3095	52000
IMR 7828	48.0C	3040	48000

.25-06 REMINGTON

REM. CASE; REM. 9 1/2 PR
SIERRA 120 GR. HOLLOW PT. BT
.257" DIA.; 24" BBL.; 3.100" C.O.L.

SR 4759	27.5	2315	52000
IMR 4227	28.0	2370	53000
IMR 4198	34.0	2615	51400
IMR 3031	40.5	2800	52000
IMR 4064	43.5	2885	52300
IMR 4895	40.5	2805	52600
IMR 4320	43.0	2850	51700
IMR 4350	48.5	2950	51500
IMR 4831	50.0	2945	52000
IMR 7828	55.0	3105	52800

Velocity and pressure readings represent average values obtained under controlled conditions. The values shown may vary substantially with the components and the reloading techniques employed. We suggest the charge weights shown be reduced initially by 10% to compensate for possible variations from the published data. The loads may then be increased as pressure indications permit.