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SPORTING ARMS AND AMMUNITION MANUFACTURERS' INSTITUTE, INC.

SINCE 1926

TECHNICAL DATA SHEET
UNSAFE FIREARM-AMMUNITION COMBINATIONS

The discharge of ammunition in a firearm that is not designed to shoot that ammunition can be dangerous and can result in serious injury or death to the user and/or bystanders, as well as damage to the firearm. This unsafe condition is caused by an excessive build-up and/or release of high-pressure gas in a firearm's chamber, barrel and/or action beyond which the firearm is designed to withstand. Therefore, in the interest of safety, you should use only ammunition of the caliber or gauge designated by the firearm manufacturer for use in that firearm. Markings indicating the correct caliber or gauge of ammunition to be used in a firearm are usually found on the firearm's barrel, frame or receiver.

One way to verify that you are using the correct ammunition is to check the head stamp on the ammunition to confirm that it matches the caliber or gauge markings placed on the firearm by the firearm's manufacturer. Some types of ammunition do not have markings on the head stamp of the cartridge. In that case, check the original ammunition packaging to determine its caliber. If you have any doubt about the caliber of the ammunition, you should not use the ammunition until you have it examined by a qualified person who can determine its caliber. Remember just because a round of ammunition can fit into a firearm's chamber, barrel or action does not mean it is safe to use that ammunition in the firearm.

Due to the availability of many different shapes and sizes of ammunition and firearms, there are countless unsafe ammunition-firearm combinations such that a comprehensive list of unsafe combinations is neither feasible, nor practicable. Below is a list of some unsafe combinations that are well known because of somewhat similar chamber and ammunition dimensions.

If the caliber or gauge is not clearly marked on the firearm, or if it appears the original markings on the firearm have been altered or modified in any way, do not use the firearm as serious injury or death could result to the user and/or bystanders, as well as damage to the firearm.

Similarly, SAAMI has not published voluntary recommended practices or procedures for re-chambering of firearms. It is possible the re-chambering of a firearm may not have been done properly or may not have been properly marked on the firearm. If the caliber or gauge marking is missing or altered in any way, you should not use the firearm. You should instead have the firearm examined by a qualified person to determine what caliber or gauge ammunition can safely be used in that firearm.

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RIMFIRE

In Firearms Chambered For	Do Not Use These Cartridges
5mm Rem RF Magnum	17 Precision Made Cartridge 17 Mach 2 22 BB Cap 22 CB Cap 22 Short 22 Long 22 Long Rifle 22 Long Rifle Shot 22 Winchester Automatic
17 Hornady Magnum Rimfire	17 Precision Made Cartridge 17 Mach 2 22 CB Short 22 Short 22 Long 22 Long Rifle 22 Stinger 22 CB
17 Winchester Super Magnum	17 Hornady Magnum Rifle
17 Precision Made Cartridge	22 BB Cap
22 Short	17 Mach 2 17 Precision Made Cartridge
22 Long	17 Mach 2 17 Precision made Cartridge
22 Winchester Rimfire	17 Precision Made Cartridge 22 BB Cap 22 CB Cap 22 Short 22 Long 22 Long Rifle 22 Long Rifle Shot
22 Winchester Magnum	17 Precision Made Cartridge 22 BB Cap 22 CB Cap 22 Short 22 Long 22 Long Rifle 22 Long Rifle Shot

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RIMFIRE
(continued)

In Firearms Chambered For	Do Not Use These Cartridges
22 Winchester Automatic	17 Precision Made Cartridge 22 BB Cap 22 CB Cap 22 Short 22 Long 22 Long Rifle 22 Long Rifle Shot
25 Stevens Long	5mm Rem RF Magnum

SHOTGUN

In Firearms Chambered For	Do Not Use These Cartridges
10 Gauge	12 Gauge
12 Gauge	16 Gauge 20 Gauge
16 Gauge	20 Gauge
20 Gauge	28 Gauge
410 Bore	Do Not Use Any Centerfire Metallic Cartridges

Note: With any gauge, shotshells of a given nominal length should not be fired in a gun the chamber of which is shorter than the fired length, e.g. a 3" (75mm) shell fired in a 2 ¾" (70mm) chamber.

CENTERFIRE PISTOL & REVOLVER

In Firearms Chambered For	Do Not Use These Cartridges
9mm Luger (Parabellum)	9mm NATO (Military) 40 Smith & Wesson 9x18 Makarov
9mm Winchester Magnum	9x18 Makarov
9x18 Makarov	9mm Luger 38 Automatic 38 Super Automatic 380 Automatic
9x23 Winchester	38 Super Automatic 380 Automatic

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CENTERFIRE PISTOL & REVOLVER

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
32 H&R Magnum	32 Long Colt
32 Smith & Wesson	32 Automatic 32 Long Colt 32 Short Colt
32-20 Winchester	32-20 Winchester High Velocity
357 Sig	9mm Luger
38 Automatic	38 Super Automatic +P* 9mm Luger 9x18 Makarov 9x23 Winchester
38 Super Automatic +P	9mm Luger 9x18 Makarov 9x23 Winchester
38 Smith & Wesson	38 Automatic 38 Long Colt 38 Short Colt 38 Special 9x18 Makarov
38 Special	357 Magnum 380 Automatic
40 Smith & Wesson	9mm Luger
44-40 Winchester	44-40 Winchester High Velocity
45 Automatic	38-40 Winchester 44 Remington Magnum 44 Special 44-40 Winchester 45 Glock Automatic Pistol
45 Colt	38-40 Winchester 44 Remington Magnum 44 Special 44-40 Winchester 454 Casull
45 Winchester Magnum	45 Automatic 45 Glock Automatic Pistol 454 Casull

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CENTERFIRE PISTOL & REVOLVER

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
45 Glock Automatic Pistol	45 Automatic 45 Winchester Magnum
475 Linebaugh	45 Long Colt 44 Remington Magnum 44 S&W Special 45 Automatic Rim
480 Ruger	45 Long Colt 44 Remington Magnum 44 S&W Special 45 Automatic Rim

Note* +P ammunition is loaded to a higher pressure, as indicated by the +P marking on the cartridge case headstamp, for use in only in firearms especially designed for this cartridge and so recommended by the manufacturer.

CENTERFIRE RIFLE

In Firearms Chambered For	Do Not Use These Cartridges
5.56X45 mm NATO	25-45 Sharps
6mm Remington (244 REM)	250 Savage 7.62x39
6.5mm Remington Magnum	300 Savage
6x47 Remington	25-45 Sharps
6.5 Creedmoor	357 Magnum 357 Remington Magnum
6.5 x 06 A-Square	7.62 x 39
6.5x55 Swedish	7mm BR Remington 7.62x39 300 Savage
7mm Express Remington	7mm Mauser (7x57) 270 Winchester 30 Remington 30-30 Winchester 300 Savage

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CENTERFIRE RIFLE
(continued)

In Firearms Chambered For	Do Not Use These Cartridges
7mm Express Remington (cont.)	308 Winchester 32 Remington 375 Winchester 38-55 Winchester
7mm Mauser (7x57)	7.62 x 39 300 Savage 30-30 Winchester
7mm Remington Magnum	7mm Express Remington 7mm Mauser (7x57) 7mm Remington Ultra Magnum 7mm Weatherby Magnum 270 Winchester 280 Remington 300 Winchester Magnum 303 British 308 Winchester 35 Remington 350 Remington Magnum 375 Winchester 38-55 Winchester
7mm Remington Short Action Ultra Magnum	7mm-08 Remington 357 Remington Maximum 454 Casull 480 Ruger
7mm Remington Ultra Magnum	300 Winchester Magnum
7mm Shooting Times Westerner	30-06 Springfield 30-40 Krag 300 Winchester Magnum 350 Remington
7mm Weatherby Magnum	7mm Express Remington 7mm Mauser (7x57) 7mm Remington Magnum 8mm Mauser 270 Winchester 280 Remington 303 British 308 Winchester 35 Remington 350 Remington Magnum 375 Winchester 38-55 Winchester

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
7mm-08 Remington	7.62x39
8mm Mauser (8x57)	7mm Mauser (7x57) 35 Remington
8mm Remington Magnum	338 Winchester Magnum 350 Remington Magnum 358 Norma Magnum 375 Winchester 38-55 Winchester
17 Remington	221 Remington Fireball 25-45 Sharps 30 Carbine 300 AAC Blackout
17-223 Remington	17 Remington 221 Remington Fireball 30 Carbine
204 Ruger	25-45 Sharps
22-250 Remington	204 Ruger
220 Swift	7.62 x 39
222 Remington	25-45 Sharps 300 AAC Blackout
223 Remington	5.56mm Military 222 Remington 25-45 Sharps 30 Carbine 300 AAC Blackout
224 Weatherby Magnum	222 Remington Magnum
240 Weatherby Magnum	220 Swift 225 Winchester
243 Winchester	7.62x39 225 Winchester 250 Savage 300 Savage

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
243 Winchester Super Short Magnum	30 Carbine 32-20 Winchester
25 Winchester Super Short Magnum	30 Carbine 32-20 Winchester
25-06 Remington	7mm BR Remington 7.62x39 308 Winchester
257 Roberts	7.62x39 250 Savage
257 Weatherby Magnum	25-06 Remington 25-35 Winchester 6.5mm Remington Magnum 284 Winchester 7mm-08 Remington 7mm Mauser 7.62x39 300 Savage 303 Savage 307 Winchester 308 Winchester 30-30 Winchester 32 Winchester 32-40 Winchester 35 Remington 350 Remington Magnum 356 Winchester 358 Winchester 375 Winchester 38-55 Winchester
264 Winchester Magnum	270 Winchester 284 Winchester 303 British 350 Remington 375 Winchester 38-55 Winchester

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
270 Weatherby Magnum	25-06 Remington 270 Winchester 280 Remington 284 Winchester 7mm-08 Remington 7-30 Waters 30 Remington 30-30 Winchester 300 Savage 303 Savage 307 Winchester 308 Winchester 32 Winchester
270 Weatherby Magnum (Cont.)	32 Winchester Special 32-40 Winchester 35 Remington 35 Remington Magnum 356 Winchester 375 Winchester 38-55 Winchester
270 Winchester	7.62x39 30 Remington 30-30 Winchester 300 Savage 308 Winchester 32 Remington 375 Winchester 38-55 Winchester
270 Winchester Short Magnum	7mm Remington Short Action Ultra Magnum 32-40 Winchester 38-40 Winchester 44-40 Winchester 44 Remington Magnum 45 Colt 454 Casull 480 Ruger

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
280 Remington	7mm Mauser (7x57) 7.62x39 270 Winchester 30 Remington 30-30 Winchester 300 Savage 308 Winchester 32 Remington 375 Winchester 38-55 Winchester
284 Winchester	7mm Mauser (7x57) 300 Savage
30 Thompson Center	41 Remington Magnum 44 Remington Magnum 44 Smith & Wesson Special 45 Automatic
30-06 Springfield	7.62x39 8mm Mauser (8x57) 32 Remington 35 Remington 375 Winchester 38-55 Winchester
30-40 Krag (30 Govt)	303 British 303 Savage 32 Winchester Special
30-378 Weatherby Magnum	8mm Remington Magnum 300 Remington Ultra Magnum 300 Weatherby Magnum 300 Winchester Magnum 338 Winchester Magnum 340 Weatherby Magnum
300 Holland & Holland Magnum	8mm Mauser (8x57) 30-06 Springfield 30-40 Krag 375 Winchester 38-55 Winchester
300 Pegasus	300 Remington Ultra Magnum

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CENTERFIRE RIFLE

(continued)

In Firearms Chambered For	Do Not Use These Cartridges
300 Remington Ultra Magnum	30 Remington 30-30 Winchester 300 Savage 308 Winchester 32 Winchester Special 357 Remington Maximum 454 Casull 480 Ruger
300 Savage	338 Winchester Magnum
300 Weatherby Magnum	338 Winchester Magnum
300 Winchester Magnum	8mm Mauser Rd. Nose Magnum 303 British 350 Remington Magnum 375 Winchester 38-55 Winchester
300 Winchester Short Magnum	32-40 Winchester 38-40 Winchester 44-40 Winchester 44 Remington Magnum 45 Colt 454 Casull 480 Ruger
303 British	30-30 Winchester 32 Winchester Special
303 Savage	30-30 Winchester 32 Winchester Special 32-40 Winchester
308 Marlin Express	38-40 41 Remington Magnum 44 Remington Magnum 44 Smith & Wesson Special 44-40 Winchester
308 Winchester	7.62x39 300 Savage
338 Excalibur	300 Remington Ultra Magnum
338 Lapua Magnum	444 Marlin

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CENTERFIRE RIFLE

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In Firearms Chambered For	Do Not Use These Cartridges
338 Remington Ultra Magnum	300 Weatherby Magnum 35 Whelen
338 Winchester Magnum	375 Winchester 38-55 Winchester
338-06 A-Square	35 Remington
338-378 Weatherby Magnum	338 Remington Ultra Magnum
340 Weatherby Magnum	350 Remington Magnum 375 Winchester 38-55 Winchester 416 Taylor Magnum 444 Marlin
348 Winchester	35 Remington
35 Remington	30-30 Winchester
358 Shooting Times Alaskan	7mm Shooting Times Westerner 338 Winchester Magnum 8mm Remington 350 Remington Magnum 358 Norma Magnum 375 Winchester 38-55 Winchester 416 Taylor Magnum
375 H&H Magnum	375 Winchester 38-55 Winchester
375 Remington Ultra Magnum	375 H&H Magnum 375 Ruger
375 Weatherby	416 Taylor Magnum
375 Winchester	38-55 Winchester 41 Long Colt
378 Weatherby Magnum	375 Remington Ultra Magnum 416 Taylor Magnum 444 Marlin 45-70 Government
38-55 Winchester	375 Winchester 41 Long Colt

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In Firearms Chambered For	Do Not Use These Cartridges
405 Winchester	7x30 Waters 30-30 Winchester 30-40 Krag 303 British 375 Winchester 38-55 Winchester
416 Rigby	300 Remington Ultra Magnum 338 Remington Ultra Magnum 416 Remington 416 Ruger
416 Ruger	444 Marlin 45-75 Govt 450 Marlin 500 Smith & Wesson
416 Weatherby Magnum	416 Remington 416 Rigby 416 Ruger 45-70 Government
45-70 Government	454 Casull 475 Linebaugh 480 Ruger
460 Weatherby Magnum	458 Winchester