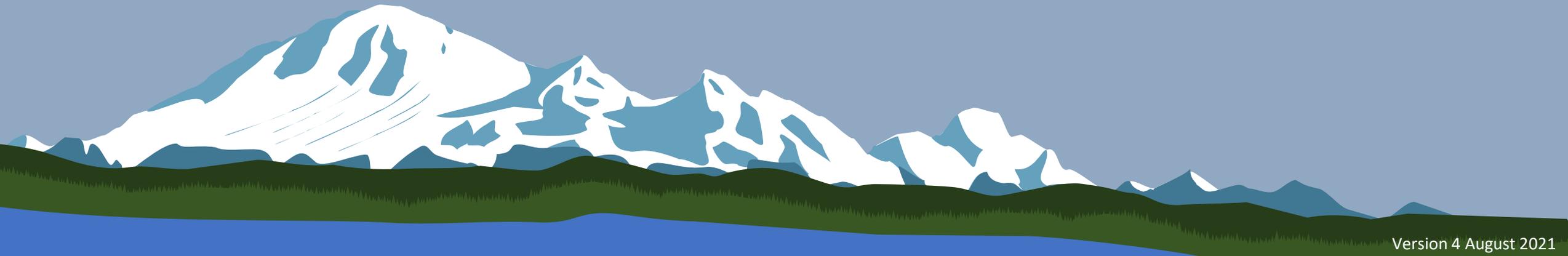
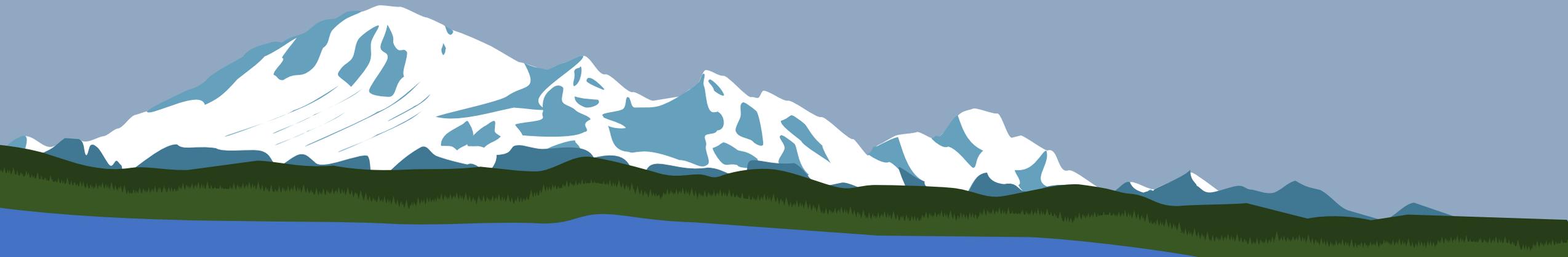


Rifle Shooting Merit Badge



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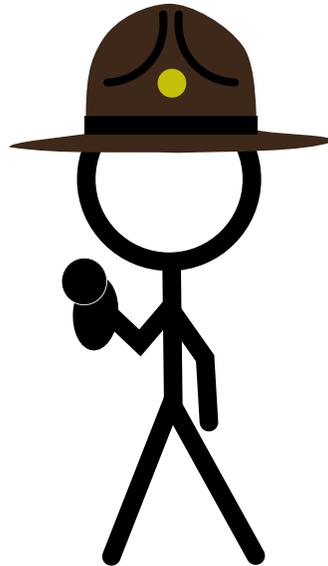
1. [Merit Badge Requirements](#)
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Disclaimer

This PowerPoint slideshow was designed to be used to prepare scouts for the Rifle Shooting Merit Badge and nothing more.

This slideshow is NOT intended to be used as a rifle or other firearm reference.

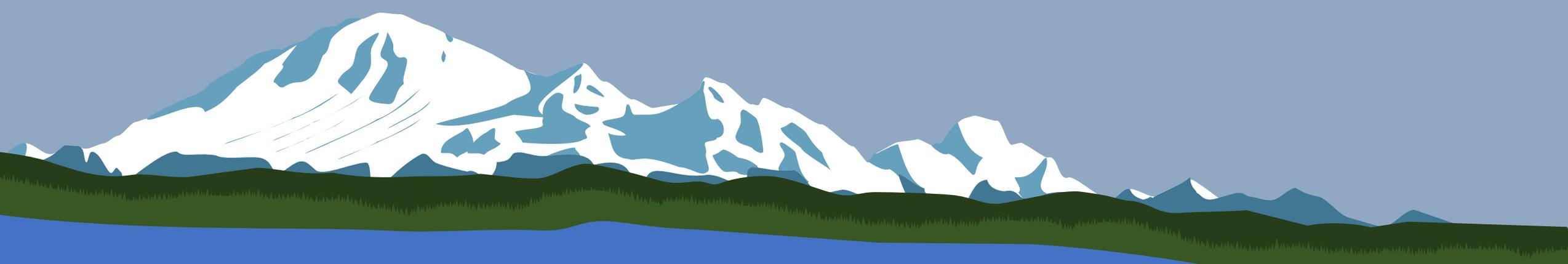
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Proceed at your own risk and may god have mercy on your soul.

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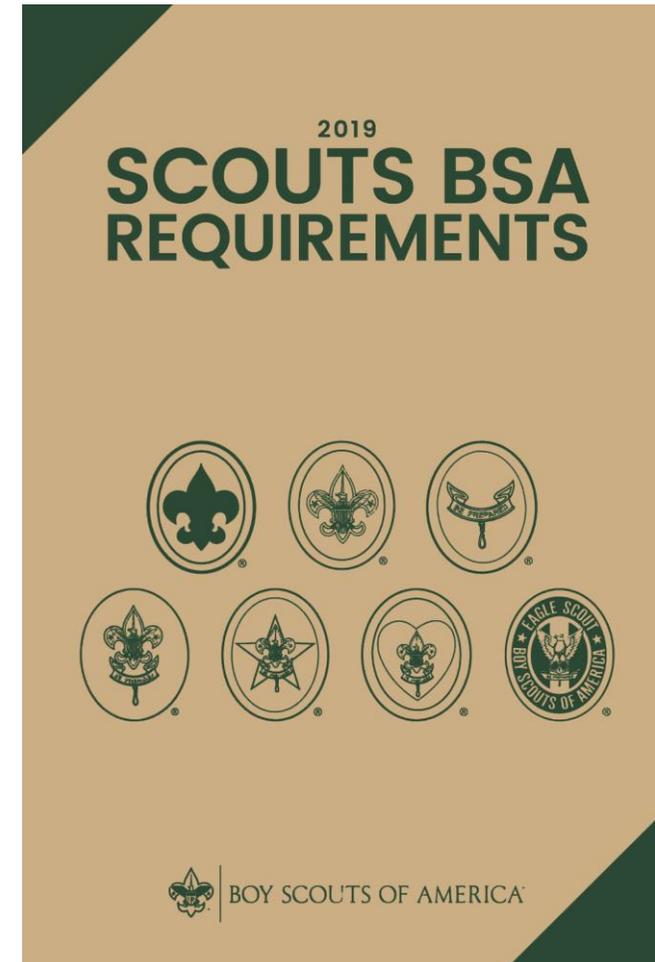
Merit Badge Requirements



Requirements

Requirements

- Merit Badge requirements are dated:
January 1, 2019



Requirements

Requirements

1. Do the following:

- a. Explain why BB and pellet air guns must always be treated with the same respect as firearms.
- b. Describe how you would react if a friend visiting your home asked to see your or your family's firearm(s).
- c. Explain the need for, and use and types of, eye and hearing protection. Demonstrate their proper use.
- d. Give the main points of the laws for owning and using guns in your community and state.
- e. Explain how hunting is related to the wise use of renewable wildlife resources.
- f. Successfully complete a state hunter education course or obtain a copy of the

hunting laws for your state, then do the following:

- 1) Explain the main points of hunting laws in your state and give any special laws on the use of guns and ammunition.
 - 2) List the kinds of wildlife that can be legally hunted in your state.
- g. Identify and explain how you can join or be a part of shooting sports activities.
 - h. Explain to your counselor the proper hygienic guidelines used in shooting.
 - i. Give your counselor a list of sources that you could contact for information on firearms and their uses.

Requirements

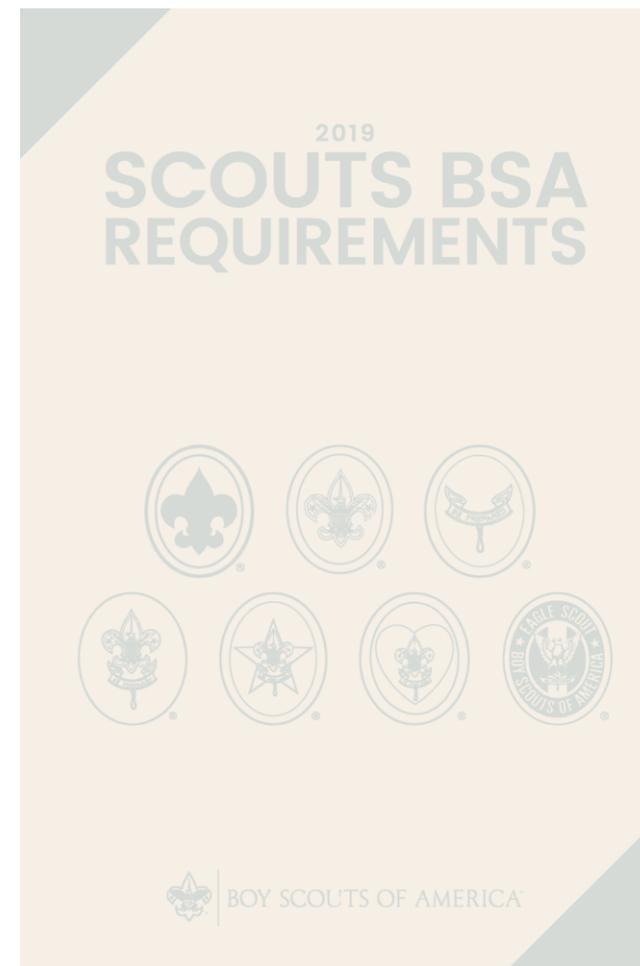
Requirements

2. Do ONE of the following options:

Option A—Rifle Shooting (Modern cartridge type)

Option B—Air Rifle Shooting (BB or pellet)

Option C—Muzzleloading Rifle Shooting



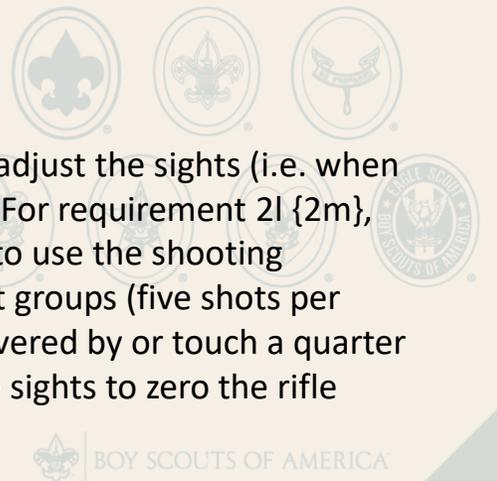
Requirements

Requirements

2. Do ONE of the following options: **Option A—Rifle Shooting (Modern cartridge type)**

- a. Identify the three main parts of a rifle, and tell how they function.
- b. Identify and demonstrate the three fundamental rules for safe gun handling.
- c. Identify the two types of cartridges, their parts, and how they function.
- d. Explain to your counselor what a misfire, hangfire, and squib fire are, and explain the procedures to follow in response to each.
- e. Identify and demonstrate the five fundamentals of shooting a rifle safely.
- f. Explain to your counselor the fundamental rules for safe gun handling. Explain each rule for using and storing a gun. Identify and explain each rule for safe shooting.
- g. Explain the range commands and range procedures.
- h. Demonstrate the knowledge, skills, and attitude necessary to safely shoot a rifle from the bench rest position or supported prone position while using the five fundamentals of rifle shooting.
- i. Identify the basic safety rules for cleaning a rifle, and identify the materials needed
- j. Demonstrate how to clean a rifle properly and safely.
- k. Discuss what points you would consider in selecting a rifle
- l. Using a .22 caliber rimfire rifle and shooting from a bench rest or supported prone position at 50 feet, fire five groups (three shots per group) that can be covered by a quarter. Using these targets, explain how to adjust sights to zero a rifle.
- m. Adjust sights to center the group on the target* and fire five groups (five shots per group). According to the target used, each shot in the group must meet the following minimum score:
 1. A-32 targets - 9
 2. A-17 or TQ-1 targets - 7,
 3. A-36 targets - 5.

*Note: It is not always practical to adjust the sights (i.e. when using a borrowed fixed-sight rifle). For requirement 2l {2m}, you may demonstrate your ability to use the shooting fundamentals by shooting five shot groups (five shots per group) in which all shots can be covered by or touch a quarter and then explain how to adjust the sights to zero the rifle used.

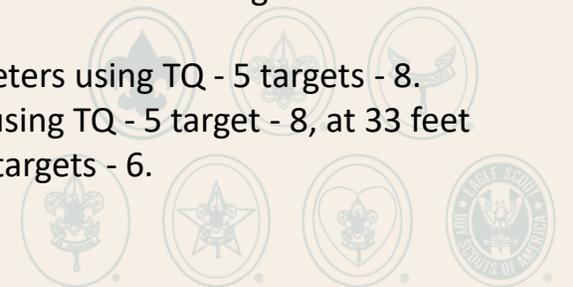


Requirements

Requirements

2. Do ONE of the following options: **Option B—Air Rifle Shooting (BB or pellet)**

- a. Identify the three main parts of an air rifle, and tell how they function.
- b. Identify and demonstrate the three fundamental rules for safe gun handling.
- c. Explain the range commands and range procedures.
- d. Identify the two most common types of air rifle ammunition.
- e. Identify and demonstrate the five fundamentals of shooting a rifle safely.
- f. Identify and explain each rule for shooting an air rifle safely.
- g. Demonstrate the knowledge, skills and attitude necessary to safely shoot a target from the bench rest position or supported prone position while using the five fundamentals of rifle shooting.
- h. Identify the basic safety rules for cleaning an air rifle, and identify the materials needed.
- i. Demonstrate how to clean an air rifle safely.
- j. Discuss what points you would consider in selecting an air rifle.
- k. Using a BB gun or pellet air rifle and shooting from a bench rest or supported prone position at 15 feet for BB guns or 33 feet for air rifles, fire five groups (three shots per group) that can be covered by a quarter.
- l. Adjust sights to center the group on the target and fire five groups (five shots per group). According to the target used, each shot in the group must meet the following minimum score:
 1. BB rifle at 15 feet or 5 meters using TQ - 5 targets - 8.
 2. Pellet air rifle at 25 feet using TQ - 5 target - 8, at 33 feet or 10 meters using AR-1 targets - 6.

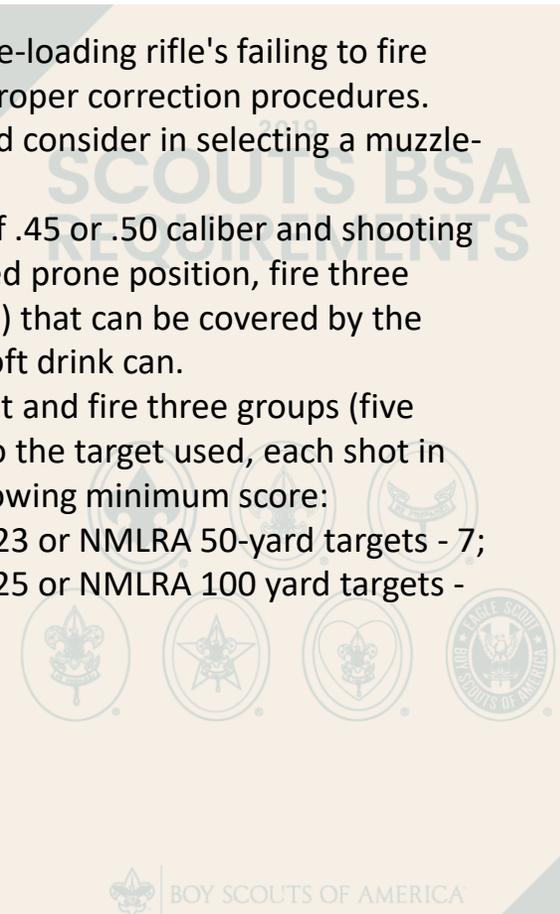


Requirements

Requirements

2. Do ONE of the following options: **Option C—Muzzleloading Rifle Shooting**

- a. Discuss a brief history of the development of muzzle-loading rifles.
- b. Identify principal parts of percussion and flintlock rifles and discuss how they function.
- c. Demonstrate and discuss the safe handling rules of muzzle-loading rifles.
- d. Identify the various grades of black powder and black powder substitutes and explain their proper use.
- e. Discuss proper safety procedures pertaining to black powder use and storage.
- f. Discuss proper components of a load.
- g. Identify proper procedures and accessories used for loading a muzzle-loading rifle.
- h. Demonstrate the knowledge, skills, and attitude necessary to safely shoot a muzzle-loading rifle on a range, including range procedures. Explain what a misfire, hangfire, and squib fire are, and explain the procedures to follow in response to each.
- i. Shoot a target with a muzzle-loading rifle using the five fundamentals of firing the shot.
- j. Identify the materials needed to clean a muzzle-loading rifle safely. Using these materials, demonstrate how to clean a muzzle-loading rifle safely.
- k. Identify the causes of a muzzle-loading rifle's failing to fire and explain or demonstrate proper correction procedures.
- l. Discuss what points you would consider in selecting a muzzle-loading rifle.
- m. Using a muzzle-loading rifle of .45 or .50 caliber and shooting from a bench rest or supported prone position, fire three groups (three shots per group) that can be covered by the base of a standard-size soft drink can.
- n. Center the group on the target and fire three groups (five shots per group). According to the target used, each shot in the group must meet the following minimum score:
 1. at 25 yards using NRA A-23 or NMLRA 50-yard targets - 7;
 2. at 50 yards using NRA A-25 or NMLRA 100 yard targets - 7.

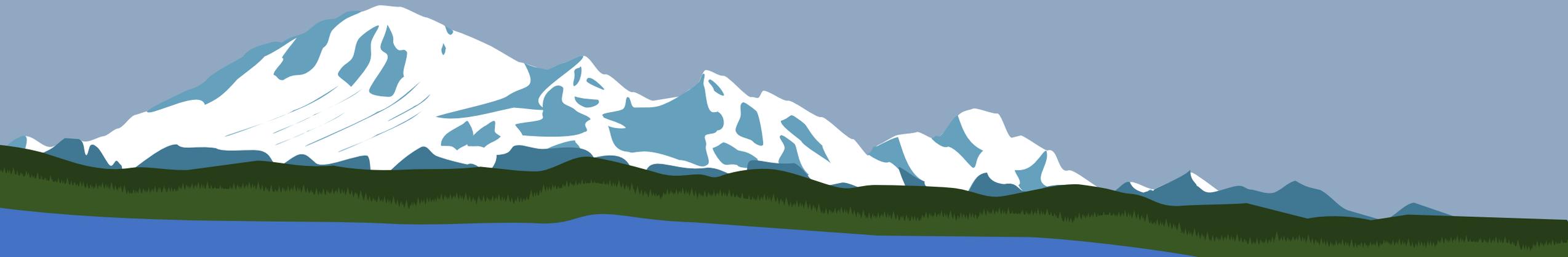


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Rifle Shooting Merit Badge

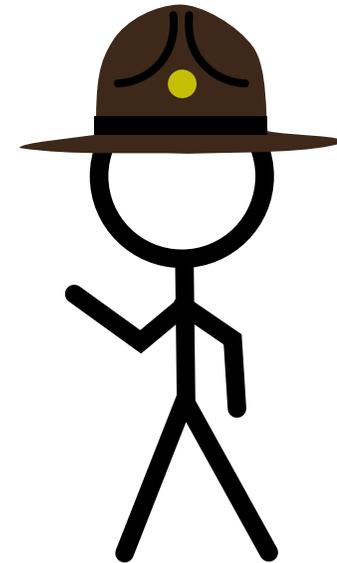
Intro



Merit Badge Intro

Instructor Introduction

- NRA Basic Rifle Instructor
(Required by BSA to be a Rifle Shooting Counselors)



Merit Badge Intro

Needed for Course

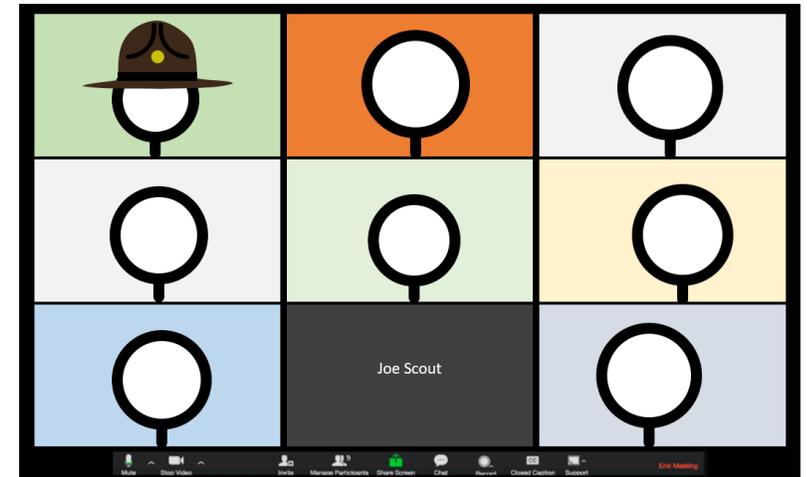
- Merit Badge Blue Card filled out and signed by your Scoutmaster
 - or other virtual agreement
- Merit Badge Pamphlet
- Scout Uniform
- A positive Scouting focus and attitude



Merit Badge Intro

Virtual Meetings

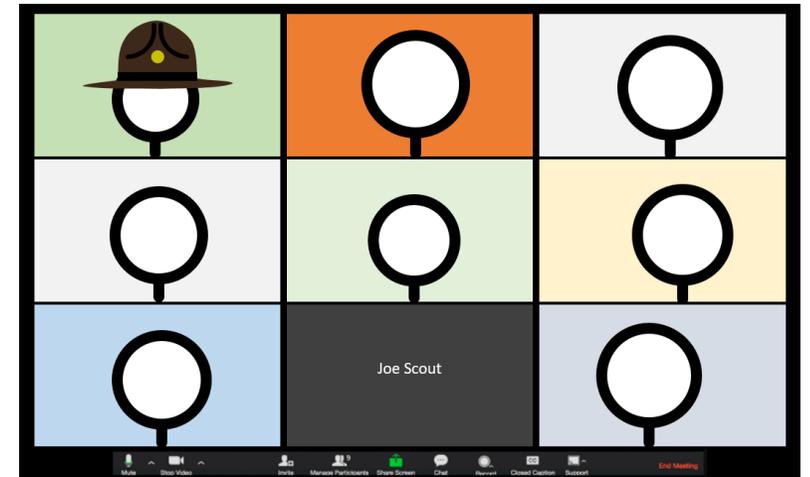
- Use your **REAL Name** and **Troop Number** if you want credit
This is how we take attendance
- MUTE yourself unless speaking to the group
- Please turn your video on so we can see you
- No Chat SPAMMING
- If you need to go pee, go
- If something isn't working, please let us know!



Merit Badge Intro

Virtual Meetings

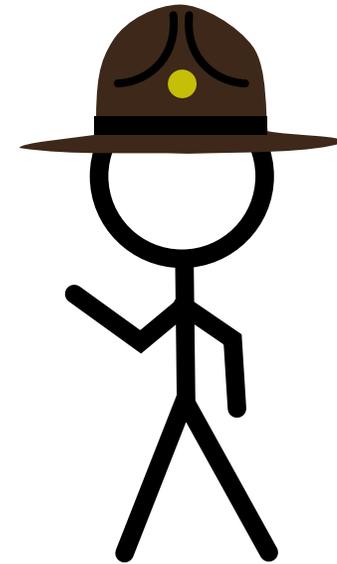
- We can't do ALL the requirements virtually
- Option 1 – Partial Completion
- Option 2 – Completion – need proof
- Please send completed homework **AFTER** the final class
- Tell us who we should CC about completion



Merit Badge Intro

Course Overview

- We will cover most of the requirements for this Merit Badge in class
- We need proof that you completed these requirements
 - Please turn in a completed [worksheet](#) if possible
This makes is easier on the counselor
 - If you can't complete a [worksheet](#), please contact your councilor for alternatives



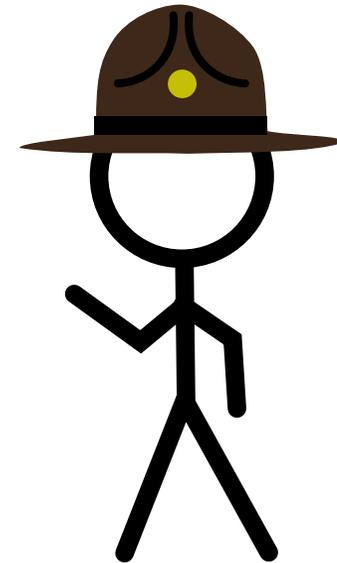
Merit Badge Intro

Course Overview

- Some of the requirements obviously can't be completed in class
 - Proof of completion can be submitted later

or

- Ask for a partial completion Blue Card after you turn in your completed work



Merit Badge Intro

Safety

This course **MUST** be taken in its entirety

That means Attendance and Participation are required

Merit Badge Intro

Merit Badge Requirement Checklist - State Laws

- 1d – Local Gun Laws
- 1f – Hunting Laws



- Turn in complete [worksheet](#)
If you can't do a worksheet – contact counselor

Merit Badge Intro

Safety

The following requirements **MUST** be completed with supervision from a **PROPERLY TRAINED ADULT**

Merit Badge Intro

Merit Badge Requirement Checklist - Option A - .22 RF

- 2Ae** - Identify and demonstrate the five fundamentals of shooting
- 2Ag** - Demonstrate you can safely shoot a rifle
- 2Ai** - Demonstrate how to clean a rifle properly and safely
- 2Ak** - 5 groups of 3 that fit in quarter using a .22
- 2Al** - 5 groups of 5 at targets

- Turn in complete [worksheet](#)

If you can't do a worksheet – contact counselor



Merit Badge Intro

Merit Badge Requirement Checklist - Option B – BB Gun

- 2Bd** - Identify and demonstrate the five fundamentals of shooting
- 2Bf** - Demonstrate you can safely shoot a rifle
- 2Bh** - Demonstrate how to clean a rifle properly and safely
- 2Bj** - 5 groups of 3 that fit in quarter using a BB gun
- 2Bk** - 5 groups of 5 at targets

- Turn in complete [worksheet](#)

If you can't do a worksheet – contact counselor



Merit Badge Intro

Merit Badge Requirement Checklist - Option C - BLK Powder

- 2Cc** - Demonstrate and discuss the safe handling
- 2Ch** - Demonstrate you can safely shoot a rifle
- 2Ci** - Shoot using 5 fundamentals
- 2Cj** - Demonstrate how to clean a rifle properly and safely
- 2Cm** - 5 groups of 3 that fit in bottom soda can
- 2Cn** - 3 groups of 5 at targets

Currently, Option C will not be covered in class



- Turn in complete [worksheet](#)

If you can't do a worksheet – contact counselor

Merit Badge Intro

**NO AMMUNITION
in the classroom**

NO EXCEPTIONS!

Merit Badge Intro

Class Objective

- Earn Rifle Shooting Merit Badge?
 - YES

 - and

 - NO

Merit Badge Intro

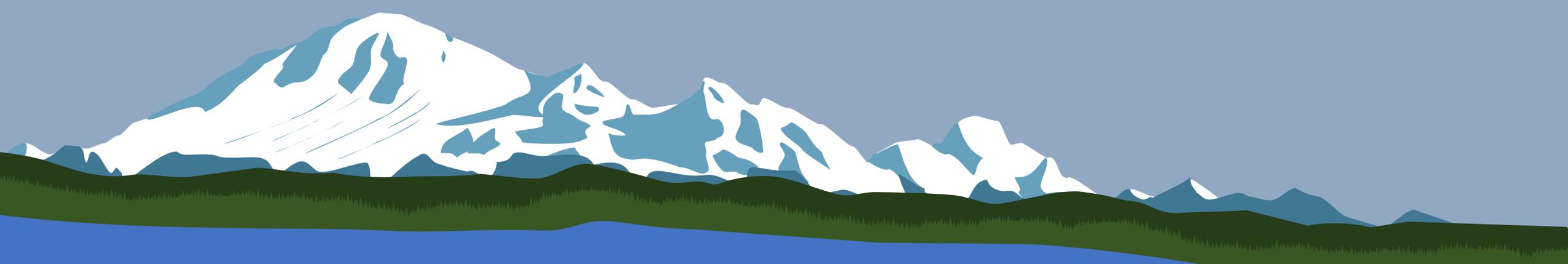
Class Objective

- Primary Objective
 - Teach Scouts the **Knowledge, Skills and Attitude (KSA)** necessary to safely handle a firearm by participation in a formal rifle shooting curriculum.

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Rifle Shooting Merit Badge Safety



Safety

Requirement 2Ab – Fundamental Rules of Safety

(b) Identify and demonstrate the three fundamental rules for safe gun handling.

Safety

Requirement 2Ab – Fundamental Rules of Safety

(b) Identify and demonstrate the three fundamental rules for safe gun handling.

NRA Gun Safety Rules

- **ALWAYS** keep your gun pointed in a safe direction
- **ALWAYS** keep your finger off the trigger until ready to shoot
- **ALWAYS** keep your gun unloaded until ready to use

Safety

NRA Gun Safety Rules

- **ALWAYS** keep your gun pointed in a safe direction

Safety

NRA Gun Safety Rules

- **ALWAYS** keep your finger off the trigger until ready to shoot

Safety

NRA Gun Safety Rules

- **ALWAYS** keep your gun unloaded until ready to use

Safety

Requirement 2Af – Rules of Safe Shooting

f. Identify and explain each rule for safe shooting.

Safety

Requirement 2Af – Rules of Safe Shooting

- **ALWAYS** keep your gun pointed in a safe direction
- **ALWAYS** keep your finger off the trigger until ready to shoot
- **ALWAYS** keep your gun unloaded until ready to use
- Know your target and what is beyond it
- Know how to use your gun safely
- Be sure the gun is safe to shoot
- Use only the correct ammunition for your gun
- Wear hearing and eye protection
- Never use alcohol or drugs before or when shooting
- Store guns so they are not accessible to unauthorized persons

Safety

Reasons for Firearm Accidents

- What are the two main reason for firearm accidents?
 - **Ignorance**
 - Not knowing how to safely operate a firearm
 - **Carelessness**
 - Knowing how to be safe, but not doing it

Safety

Safety is Everyone's Responsibility

Safety

Requirement 1a – General Gun Safety

Explain why BB and pellet air guns must always be treated with the same respect as firearms.

Safety

Requirement 1a – General Gun Safety

- Why should we treat BB Guns and Air Rifles the same as a firearm?
 - All guns should be treated with respect and always handled as if they were loaded
 - BBs can ricochet back at shooter and instructors
 - They are still dangerous – about 30,000 ER visits per year
 - They can still cause serious or fatal injuries (4 deaths per year)

Safety

Requirement 1a – General Gun Safety

- What about “toy” guns with orange muzzles?

CZ-75 (Real)



TAURUS 9mm (Real)



AK - 47 (Real)



AK - 47 (Real)

Safety

Requirement 1b – Visiting Friends

b. Describe how you would react if a friend visiting your home asked to see your or your family's firearm(s).

Safety

Requirement 1b – Visiting Friends

- What if your friend comes over and wants to see you or your family's guns?
 - Explain that you are not allowed to get guns out without your parents around
 - Explain that they are locked up and you do not have access
 - Whatever you tell them, do not get guns out until your parents and their parents have given permission to do so

Safety

Requirement 1c – Eye and Hearing Protection

c. Explain the need for, and use and types of, eye and hearing protection.

Safety

Requirement 1c – Eye and Hearing Protection

- Why should I wear eye and ear protection? What should I wear?

Safety

Requirement 1c – Eye and Hearing Protection

- Eye Protection
 - Should have polycarbonate lens
 - Should wrap around the eyes
 - Protects against
 - Hot gases and debris when a shot is fired
 - Extracted shells and cartridges
 - Protects your eyes from sand and other debris

Safety

Requirement 1c – Eye and Hearing Protection

- Ear Protection
 - Provides protection against loud noises
 - Ear plugs
 - Earmuffs
 - Electronic hearing protection

 - Guns can produce sounds from 140 – 170 dB
 - A single shot from a .22 can cause hearing damage

Safety

Requirement 1i – Resources

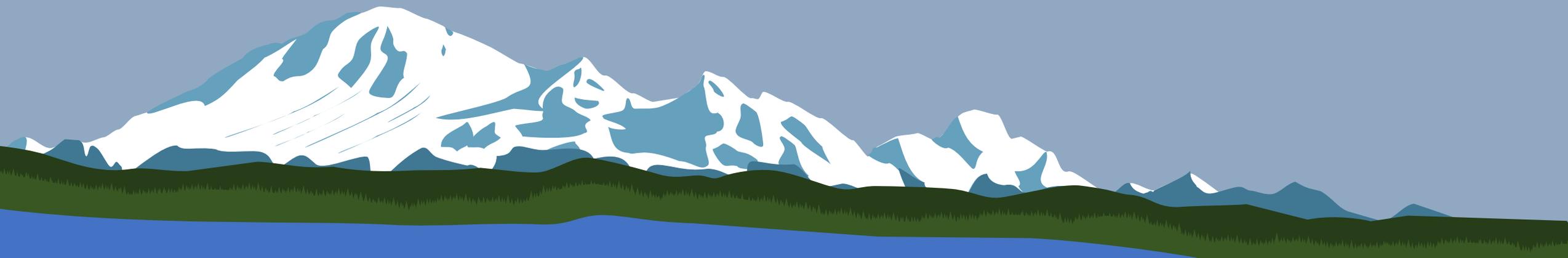
i. Give your counselor a list of sources that you could contact for information on firearms and their uses.

- Where can you go for info on firearm safety?
 - National Rifle Association (www.nra.org)
 - National Shooting Sports Foundation (www.nssf.org)
 - Midway USA (www.midwayusa.com)
 - Boy Scouts of America (www.scouting.org)

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Rifle Shooting Merit Badge Hygiene



Hygiene

Requirement 1h – Hygiene

h. Explain to your counselor the proper hygienic guidelines used in shooting.

Hygiene

Requirement 1h – Hygiene

- What are we concerned about?
 - Oils, solvents, and residue on the firearm
 - Gunshot residue contains nasty chemicals
 - Ammunition may contain lead

Hygiene

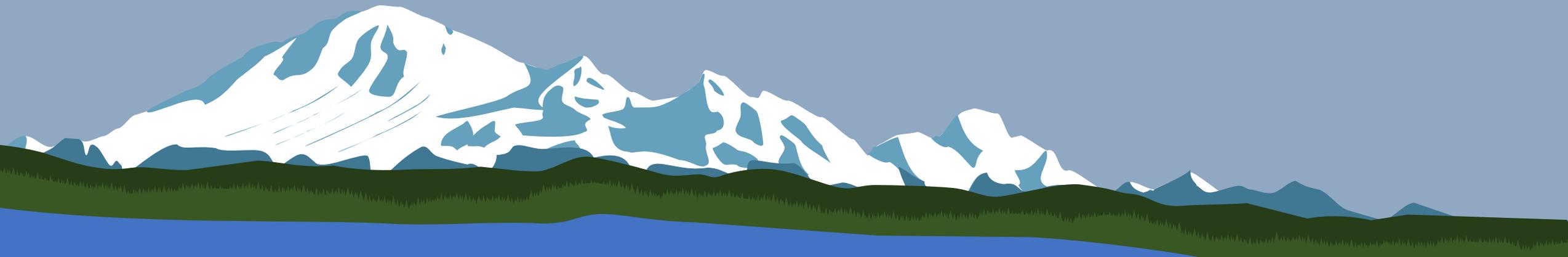
Requirement 1h – Hygiene

- Do not Eat while shooting
- Do not Drink while shooting
- Wash hands and face after shooting
- Change clothes after shooting

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Rifle Shooting Merit Badge Laws



Laws

Requirement 1d – Local Gun Laws

d. Give the main points of the laws for owning and using guns in your community and state.

leg.wa.gov/Senate/Committees/LAW/Documents/2019%20Washington%20Firearms%20Final.pdf

Laws

Requirement 1d – Local Gun Laws

- Every state has its own completely different laws
- Your local city and county may have their own laws and restrictions
- You are on your own for this one

[Firearms Safety, Suicide Awareness, The Law, and You](#) – Washington State
[NRA-ILA State Gun Laws](#)

Laws

Requirement 1e – Renewable Wildlife Resources

e. Explain how hunting is related to the wise use of renewable wildlife resources.

Laws

Requirement 1e – Renewable Wildlife Resources

- Wildlife cannot be stockpiled like coal or oil
- All habitats have a limit on how many animals it can support
 - If populations exceed **Carrying Capacity** of a habitat
 - Animal population will suffer starvation and disease
 - Habitat may be damaged
 - It may take many years for a habitat to recover

Laws

Requirement 1e – Renewable Wildlife Resources

- Wildlife species naturally overproduce each year
 - Populations must be kept in check to maintain health of
 - Animal populations
 - Habitat
 - Populations may be kept in check
 - Via natural predation
 - Lack of natural predation can be problematic

Laws

Requirement 1e – Renewable Wildlife Resources

- Wildlife management experts try to maintain healthy wild populations
 - Balance between
 - Arranging hunting seasons
 - Setting bag limits
- The hunting regulations set to ensure hunters
 - Do not remove too many animals
 - Help maintain a healthy population

Laws

Requirement 1f – Hunting Laws

(f) Successfully complete a state hunter education course or obtain a copy of the hunting laws for your state, then do the following:

- (1) Explain the main points of hunting laws in your state and give any special laws on the use of guns and ammunition.
- (2) List the kinds of wildlife that can be legally hunted in your state.

wdfw.wa.gov/hunting/requirements/education/basic

Laws

Requirement 1f – Hunting Laws

- Every state has its own game and gun laws
- Hunting in Kansas is unlike hunting in California or New York
- Different
 - Geography
 - Human population
 - Game species
 - Game laws
 - Certain areas or counties may have their own laws and regulations

Laws

Requirement 1f – Hunting Laws

- What are the hunting laws in your state?
- Are there any restrictions on hunting weapons?
- What wildlife can be hunted in your state?

Laws

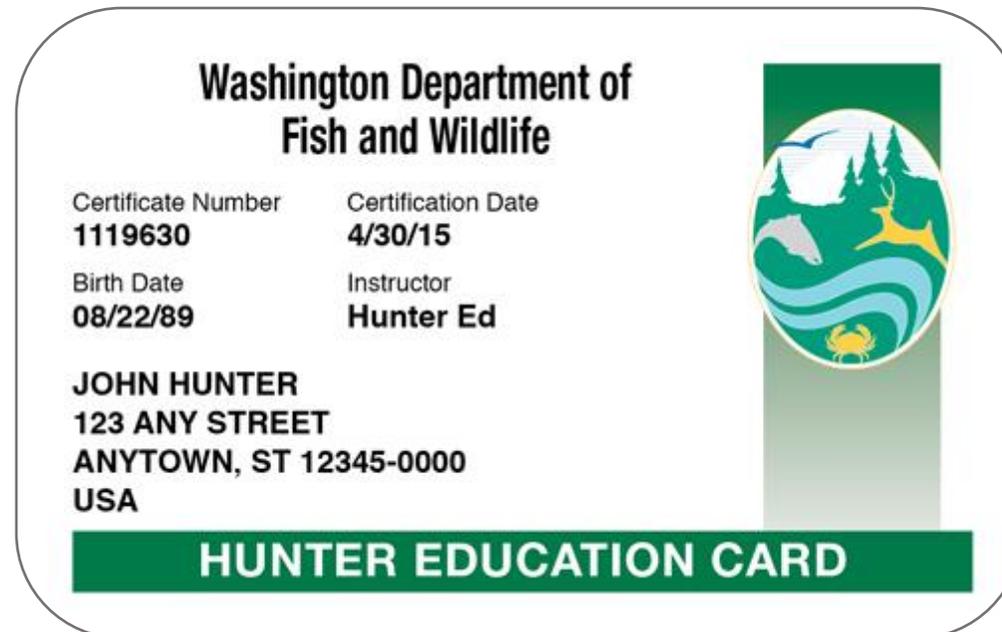
Requirement 1f – Hunting Laws

1. It was illegal (pre 2013) to shoot piebald or an albino deer in [Oklahoma](#)
2. Can't shoot deer in any lake, stream, or pond in Georgia (Code 1933, § 45-519)
3. Name and address must be printed on all arrows in [New Hampshire](#)
4. It is illegal to harass Key Deer in [Florida](#)
5. You can not use game cameras in [Colorado](#) and [Montana](#)
6. You may not take a picture of game from January-April in [Wyoming](#)
7. It is legal to hunt bigfoot in [Texas](#)
8. You can hunt if legally blind in [Texas](#) and [Michigan](#)
9. Can not hunt fur bearing creatures with dynamite, fire, smoke, brimstone, sulfur, gas or chemical in [Connecticut](#)

Laws

Requirement 1f – Hunting Laws – Washington State

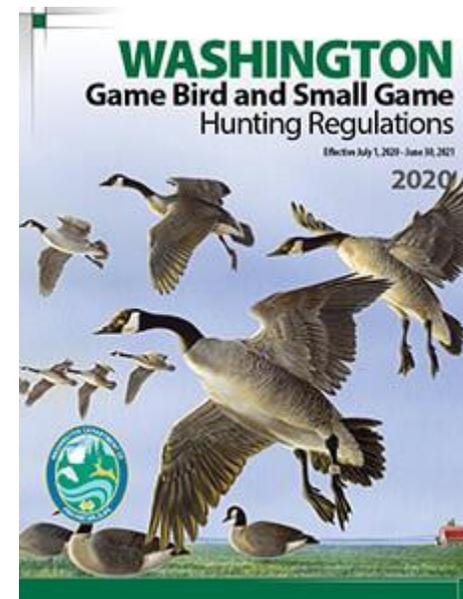
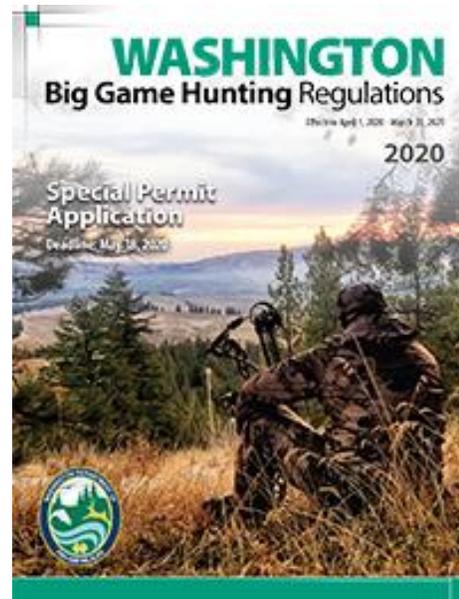
- [Washington State Hunter Education](#)
 - Certification can be done 100% online
 - Online hunter education and virtual field day is about a 10 hours



Laws

Requirement 1f – Hunting Laws – Washington State

- [Hunting seasons and regulations](#)
 - [Washington Big Game Hunting Regulations](#)
 - [Washington Game Bird and Small Game Hunting Regulations](#)



Laws

Requirement 1f – Hunting Laws – Washington State

- Washington State – The following is illegal:
 - Hunting with artificial lights
 - hunt deer or elk with the aid of infrared night vision equipment or with laser sights
 - Shooting at wild animals or wild birds while they are on any utility line, pole, its crossarm or insulator
 - Use aircraft or drones to track game
 - Chase game in vehicles or boats
 - Shoot across a highway or from moving vehicle
 - Party hunting – hunt in groups to use other hunter's tag
 - not properly tagging game
 - hunt wildlife at night during the months of October and November
 - Hunt any big game with a fully automatic firearm

Laws

Requirement 1f – Hunting Laws – Washington State

- Washington State – can be legally hunted:
 - Deer
 - Elk
 - Black bear
 - Cougar
 - Mountain goat
 - Bighorn sheep
 - Moose

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Rifle Shooting Merit Badge Sports and Activities



Sports and Activities

Requirement 1g – Shooting Sports & Activities

g. Identify and explain how you can join or be a part of shooting sports activities.

Sports and Activities

Requirement 1g – Shooting Sports & Activities

- There are many programs available through USA Shooting and partner organizations.
- Where a youth may not have excelled in other sports, shooting sports do not require a participant to be the fastest, tallest, or strongest.
- It does require—or will teach—patience, determination, organization skills, mental and physical control, safety awareness, goal setting, problem solving, and good citizenship/sportsmanship.

Sports and Activities

Requirement 1g – Shooting Sports & Activities

- **Junior USA Shooting** members can register for USA Shooting sanctioned competitions that provide exposure to international shooting rules, shoulder-to-shoulder competitions and visibility of their skill progression that will earn them opportunities to make the National Junior Development Team.
- There are three age categories for juniors at all national USA Shooting sanctioned events:
 - **Junior 1 (J1):** ages 18-20
 - **Junior 2 (J2):** ages 15-17
 - **Junior 3 (J3):** ages 14 years or younger



Sports and Activities

Requirement 1g – Shooting Sports & Activities

- **NRA Marksmanship Qualification Program**
 - From a young shooter's first BB gun to sophisticated air rifles, shotguns, muzzleloaders, pistols and rifles, the NRA Marksmanship Qualification Program offers shooters a self-paced training platform to develop their shooting skills.
 - Shoot for set standards and you meet the challenge!
 - Progression is self-paced and scores are challenging but attainable.
 - Performance is measured against established par scores and any shooter who meets or exceeds those scores is entitled to the corresponding recognition awards for that rating.

Sports and Activities

Requirement 1g – Shooting Sports & Activities

- **National 4-H Shooting Sports**

- The focus of all 4-H programs is the development of youth as individuals and as responsible and productive citizens.
- The National 4-H Shooting Sports Program stands out as an example. Youth learn marksmanship, the safe and responsible use of firearms, the principles of hunting and archery, and much more.



Sports and Activities

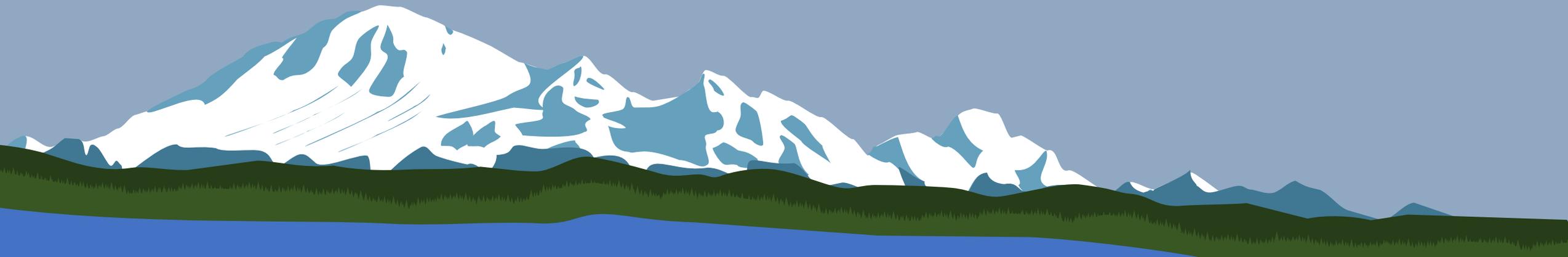
Requirement 1g – Shooting Sports & Activities

- **National 4-H Shooting Sports**
 - The activities of the program and the support of caring adult leaders provide young people with opportunities to develop life skills, self-worth, and conservation ethics.
 - Local 4-H Shooting Sports clubs are open to all youth ages 8 to 18.
 - Each year, 4-H teaches a shooting sport to about 500,000 boys and girls each year.



Rifle Shooting Merit Badge

The Rifle



The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle

(a) Identify the three main parts of a rifle, and tell how they function.

The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle

- What are the 3 main parts of a rifle?
 - Stock
 - Action
 - Barrel

The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle

- What are the 3 main parts of a rifle?



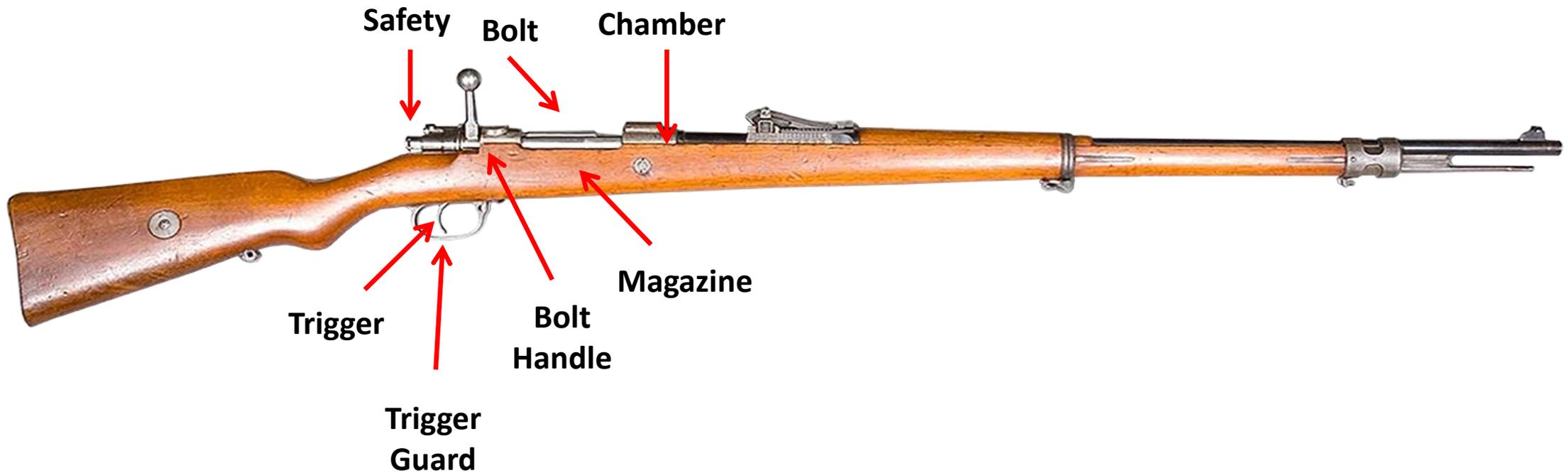
The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle - Stock



The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle - Action



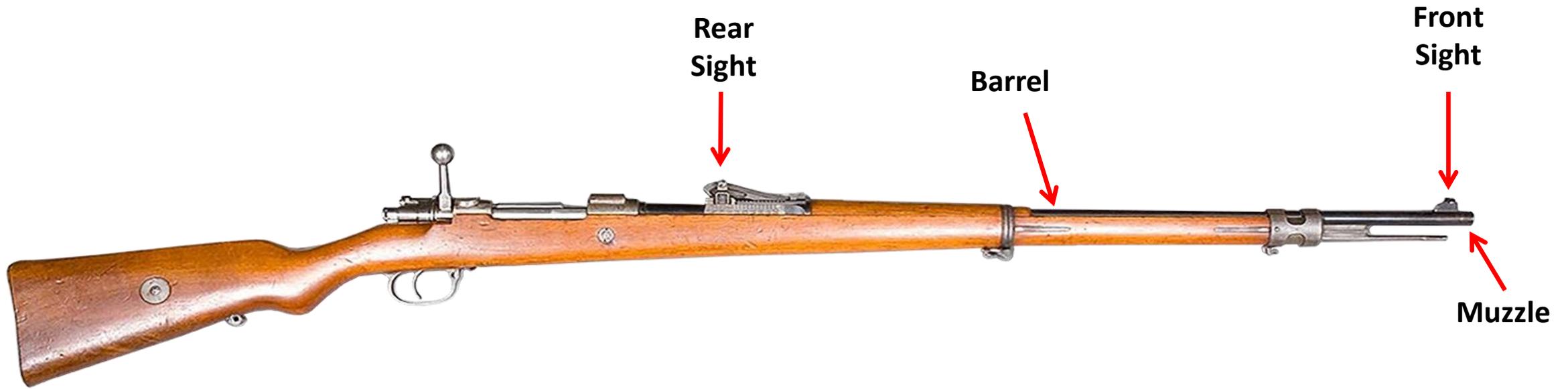
The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle



The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle - Barrel

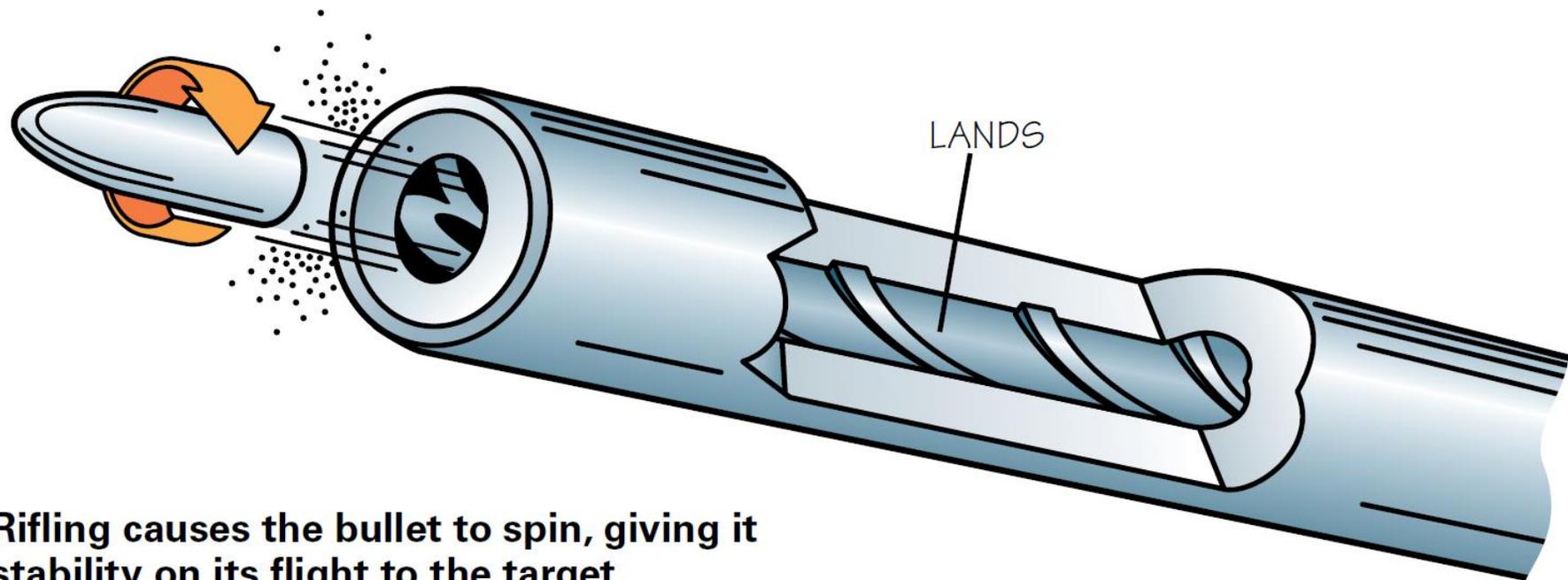


The Rifle

Requirement 2Aa – Rifle Parts

What is located inside the barrel?

- Lands and grooves (rifling)



Rifling causes the bullet to spin, giving it stability on its flight to the target.

The Rifle

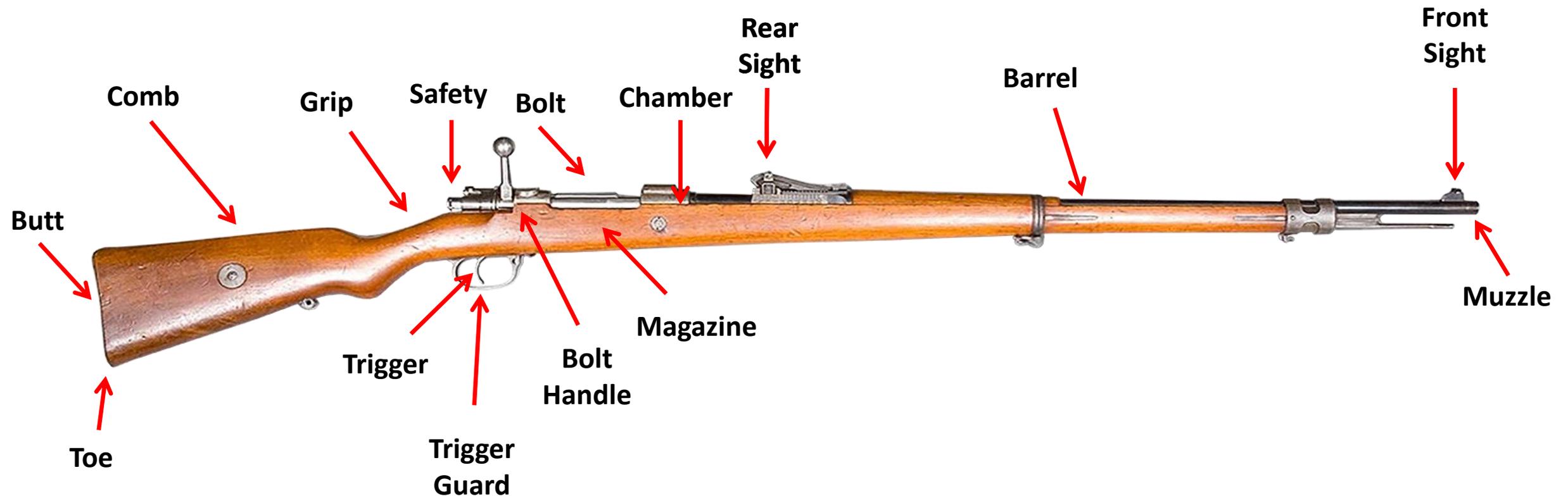
Requirement 2Aa – Rifle Parts

What does rifling do?

- It forces the projectile (bullet) to spin as it leaves the muzzle, giving it a longer and more accurate trajectory.
- Think of the spiral the quarterback puts on a football.

The Rifle

Requirement 2Aa - 3 Main Parts of a Rifle - Everything



The Rifle

Requirement 2Aa – Rifle Parts

What are some types of rifle actions?

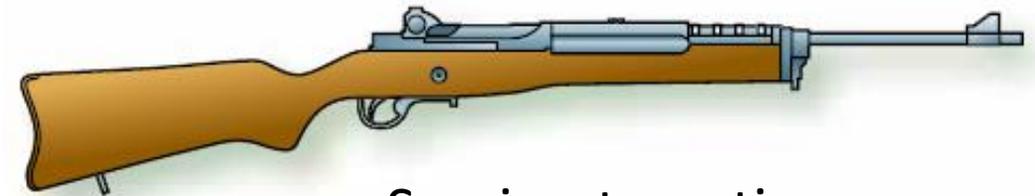
- Bolt
- Lever
- Semi-automatic
- Falling Block
- Pump
- Hinge



Bolt



Lever



Semi-automatic



Falling Block

The Rifle

Requirement 2Aa – Rifle Parts

If In-Person Class

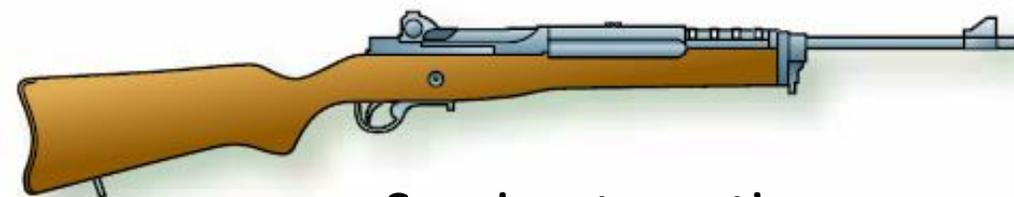
- Loading
- Unloading
- Practical Exercise
(Load / Unload Exercise)



Bolt



Lever



Semi-automatic



Falling Block

The Rifle

Requirement 2Ac – Cartridges

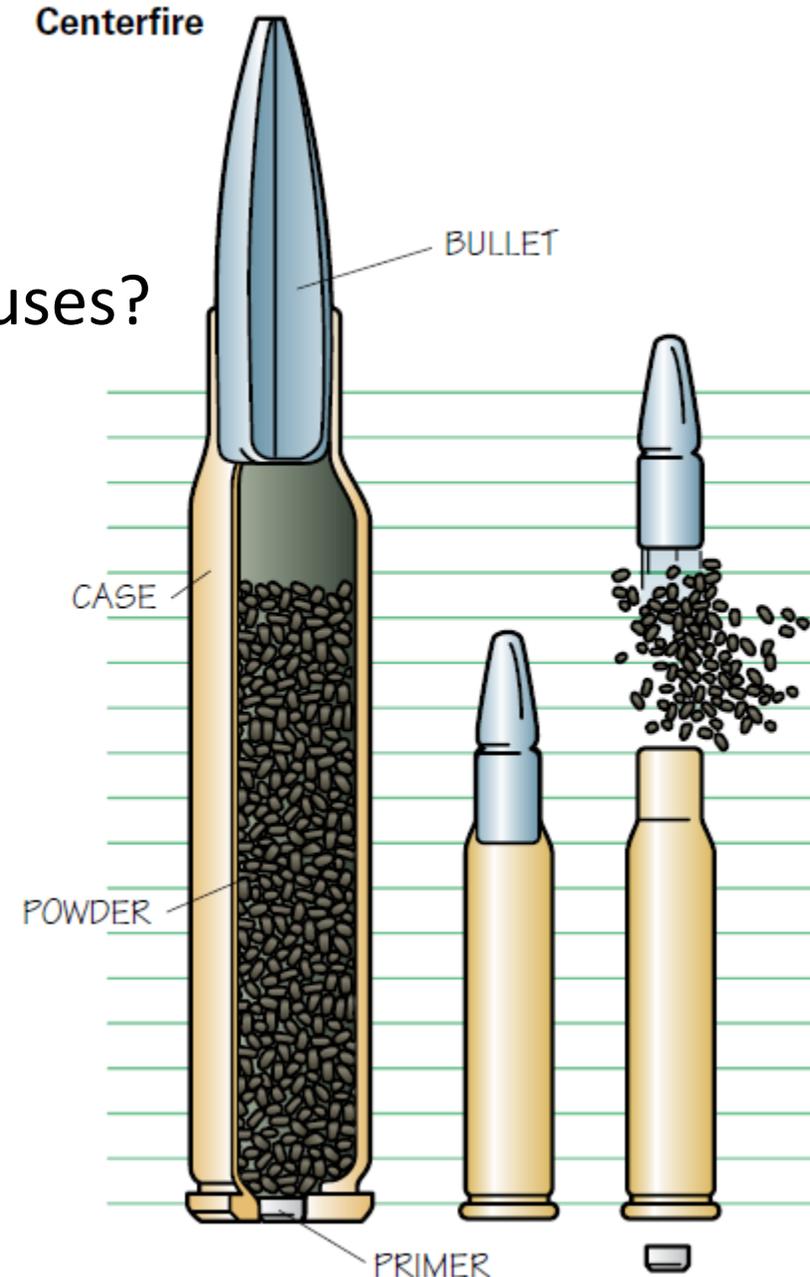
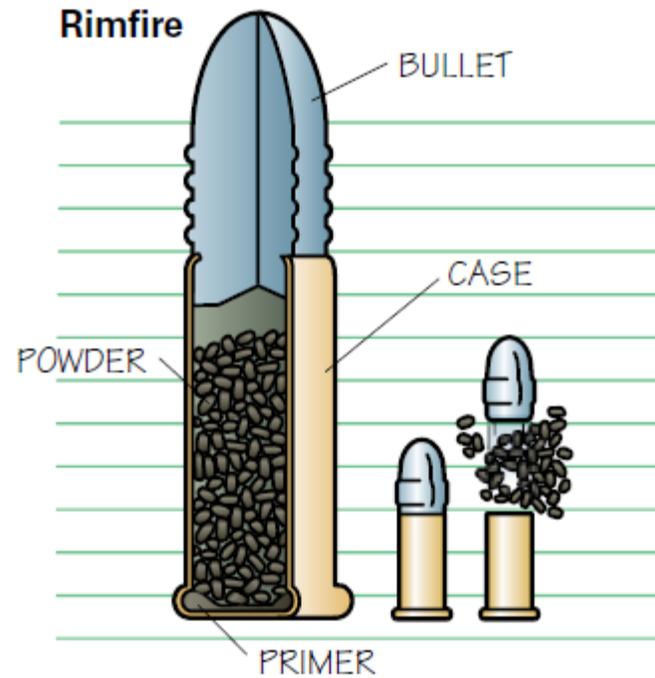
(c) Identify the two types of cartridges, their parts, and how they function.

The Rifle

Requirement 2Ac – Cartridges – Types

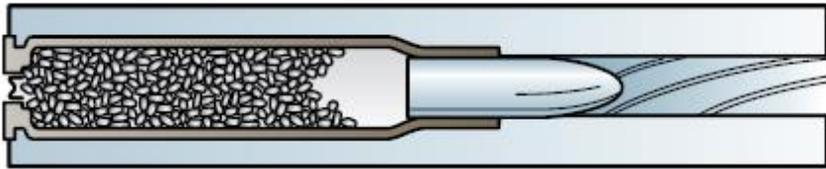
What are the two main types of ammunition a rifle uses?

- Rimfire
(.22 caliber)
- Centerfire
(basically everything else)



The Rifle

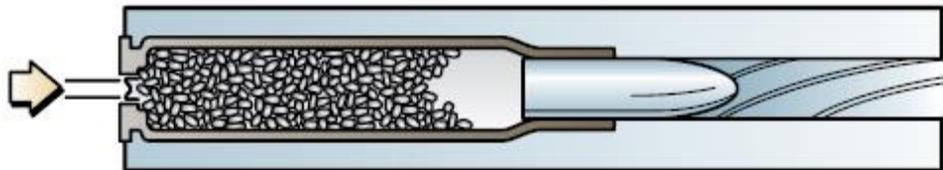
Requirement 2Ac – Cartridges – Function



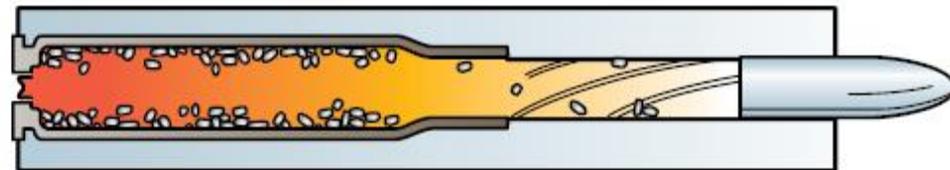
Cartridge in chamber



Gas pushes bullet out of case



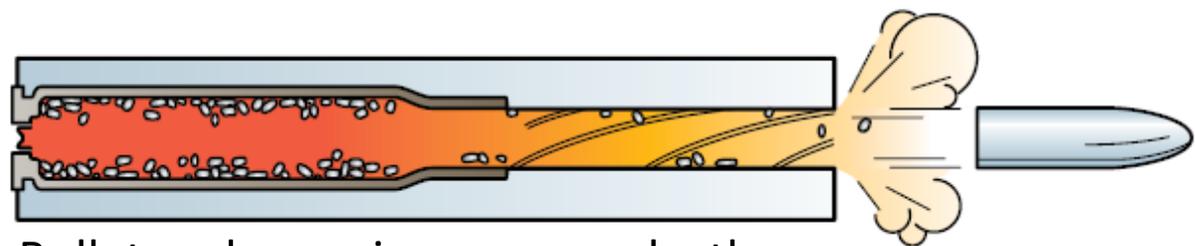
Firing pin strikes and ignites primer



Bullet is forced through barrel



Powder ignites
Gas from burning powder expands in case



Bullet and escaping gases make the
"BANG"

The Rifle

Requirement 2Ad – Malfunctions

(d) Explain to your counselor what a misfire, hangfire, and squib fire are, and explain the procedures to follow in response to each.

The Rifle

Requirement 2Ad – Malfunctions

What are the 3 types of ammunition problems

- Misfire
- Hangfire
- Squib Round

The Rifle

Requirement 2Ad – Malfunctions – Misfire

Misfire – cartridge does not fire when the firing pin hits the primer

- Keep the gun pointed in a safe direction
- Wait for at least 30 seconds before opening the bolt

The Rifle

Requirement 2Ad – Malfunctions – Hangfire

Hangfire – late ignition of the round

- Delay in ignition
- Keep rifle pointed in safe direction for 30 seconds
- Afterward, open bolt and remove misfired cartridge or empty case

The Rifle

Requirement 2Ad – Malfunctions – Squib Round

Squib Round – not enough gas to force bullet out of barrel

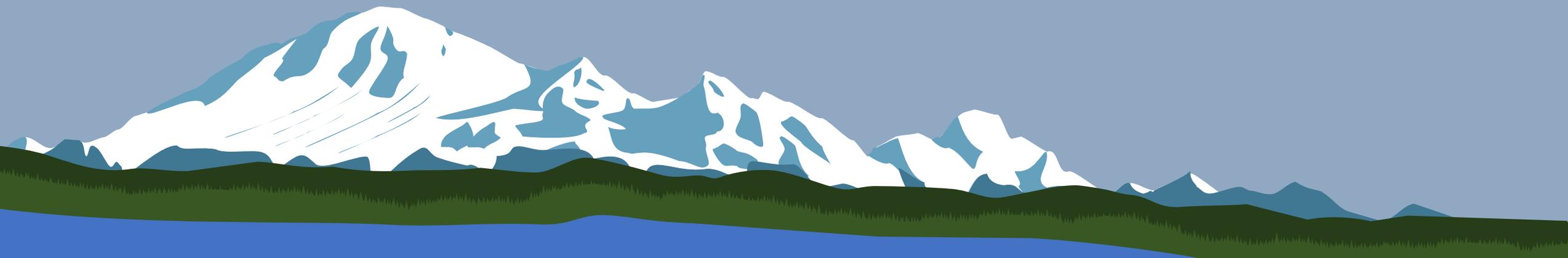
- Did not sound right when fired
- Nothing hit target
- **Do not attempt to shoot another shot!**
- Bullet may be lodged in barrel
- Raise your hand at firing line
- Wait for direction from Range Safety Officer
- May need to rod and clean out barrel

1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
2. Merit Badge CTR	14. Shooting Posture
3. Safety	15. The Range
4. Inspection	16. Care and
5. Care	17. Selecting a Rifle
6. Care and Activities	18. Final Thoughts
7. The Rifle	19. Resources
8. Ammo	20. Instructor's Contact
9. Storage	



Rifle Shooting Merit Badge

Ammo



Ammo

Requirement 2Af – Rules of Safe Shooting – Right Ammo

How can you tell that you have the right ammunition for your firearm?

The caliber is stamped onto the **Barrel**

The caliber is on the **Box** of ammunition

The caliber is stamped on the bottom of each cartridge (aka **Brass**)

Ammo

Caliber: 0.308" (7.62mm)
 Bullet Weight: 147 gr (standard),
 175 gr (sniping round)
 Neck Diameter: 0.345" (8.8mm)
 Shoulder Diameter: 0.454" (11.5mm)
 Base Diameter: 0.470" (11.9mm)
 Rim Diameter: 0.473" (12.0mm)
 Case length: 2.015" (51.18mm)
 Max Pressure (NATO): 60,191 psi
 Velocity (147 gr): 2,733 fps
 Energy (147 gr): 2,437 ft-lbf
 Velocity (175 gr): 2,580 fps
 Energy (175 gr): 2,586 ft-lbf



7.62x51mm NATO

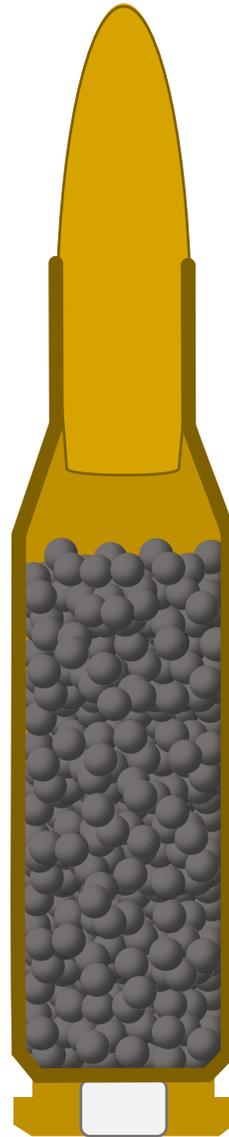


.308

Caliber: 0.308" (7.62mm)
 Bullet Weight: 100 – 240 gr
 (usually 150-168 gr)
 Neck Diameter: 0.3433" (8.72mm)
 Shoulder Diameter: 0.4539" (11.53mm)
 Base Diameter: 0.4709" (11.96mm)
 Rim Diameter: 0.4728" (12.01mm)
 Case length: 2.015" (51.18mm)
 Max Pressure (SAAMI): 62,000 psi
 Max Pressure (CIP): 60,191 psi
 Velocity (150 gr): 2,820 fps
 Energy (150 gr): 2,648 ft-lbf

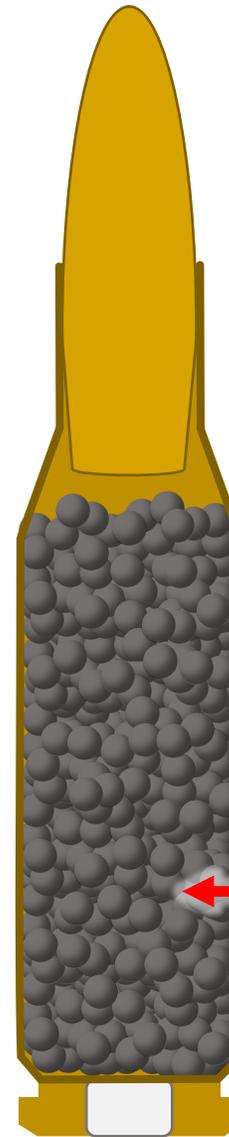
Ammo

7.62x51 NATO
weights around
180 grains



7.62x51mm NATO

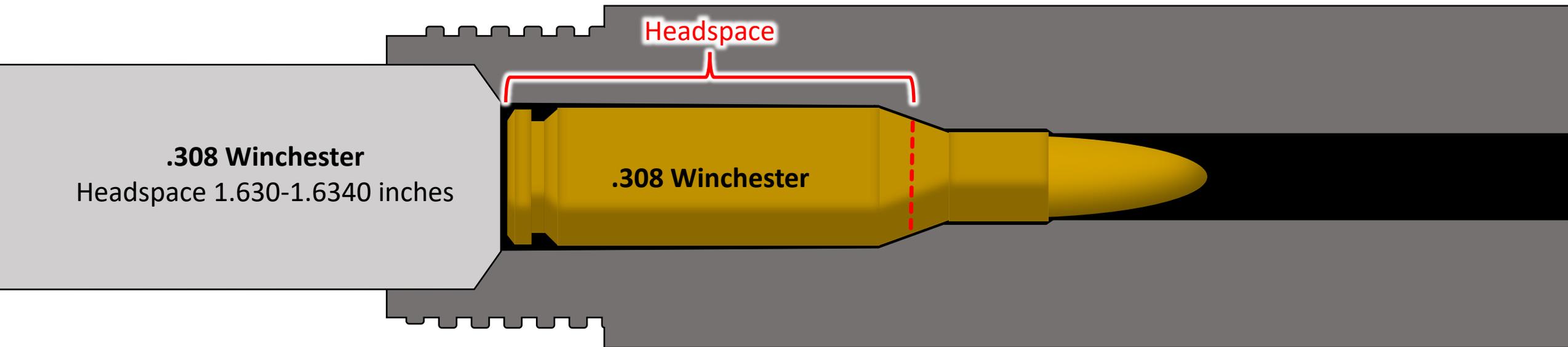
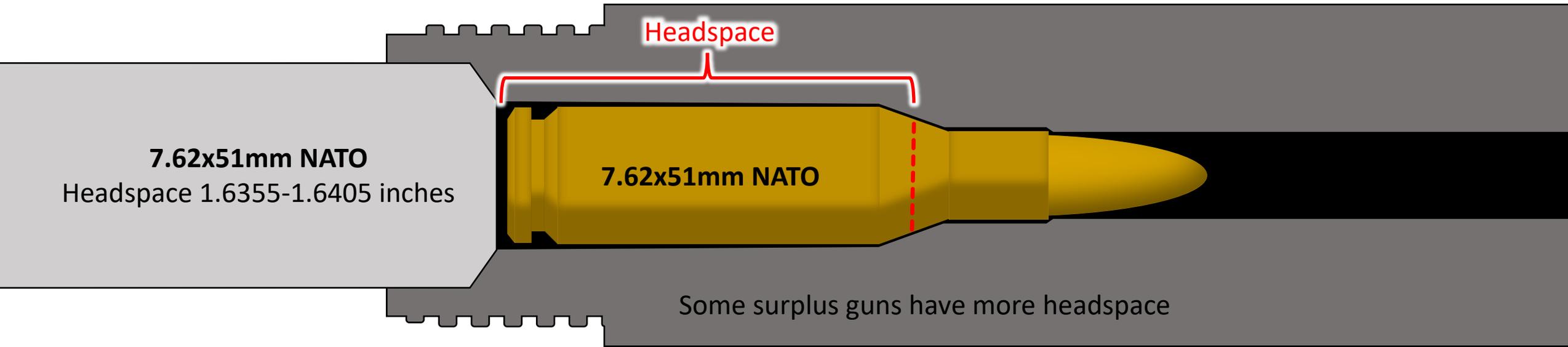
.308
weights around
160-170 grains

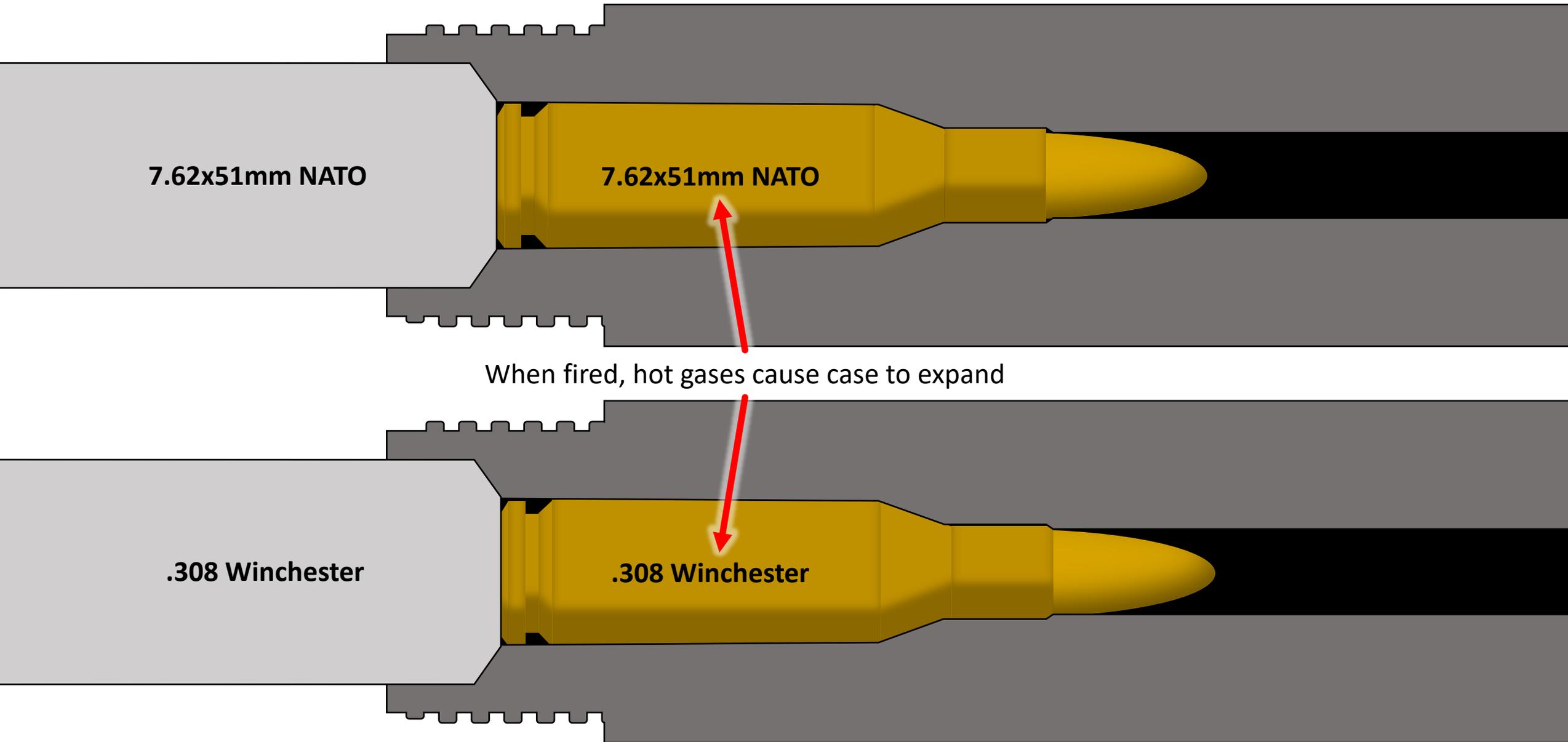


.308

← Thinner Wall

← Larger Load





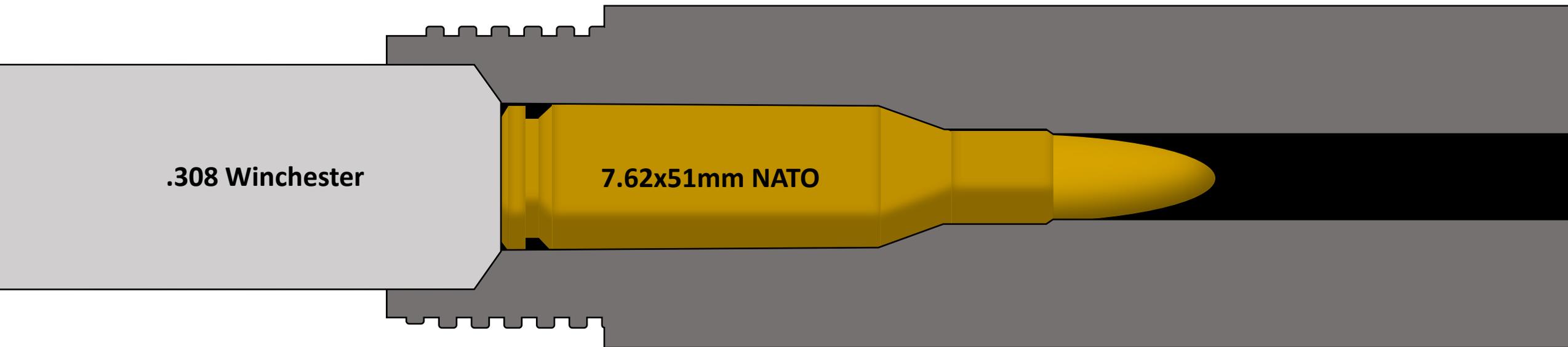
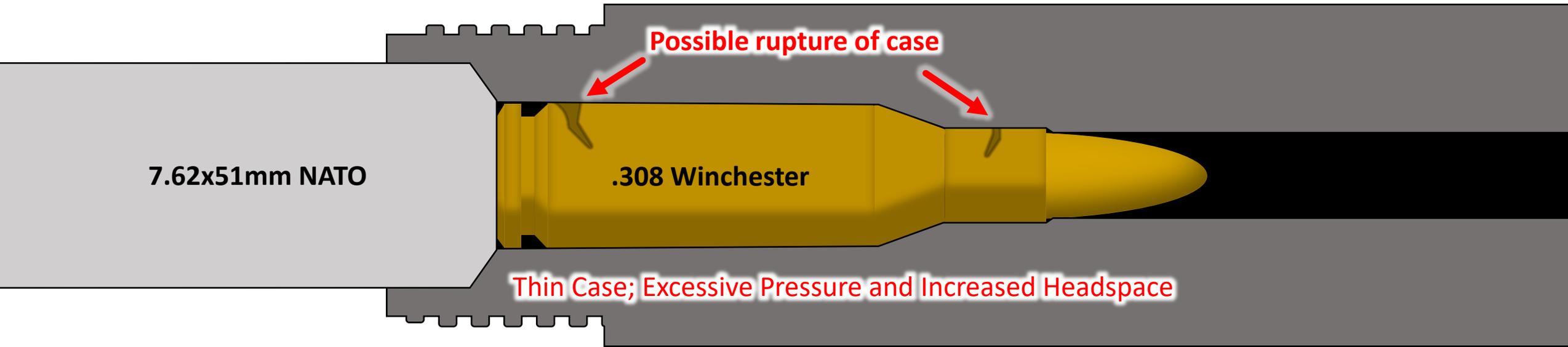
7.62x51mm NATO

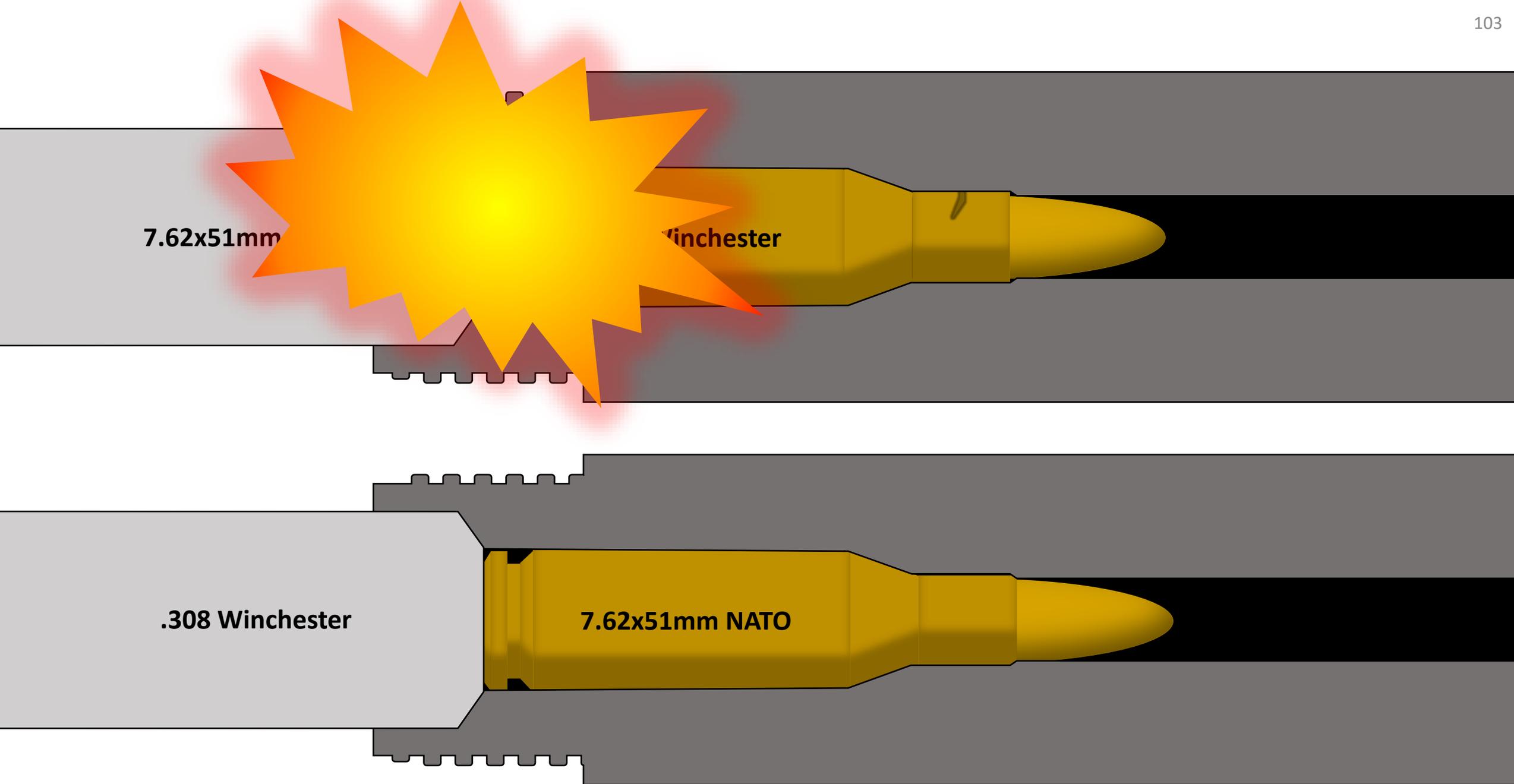
7.62x51mm NATO

When fired, hot gases cause case to expand

.308 Winchester

.308 Winchester



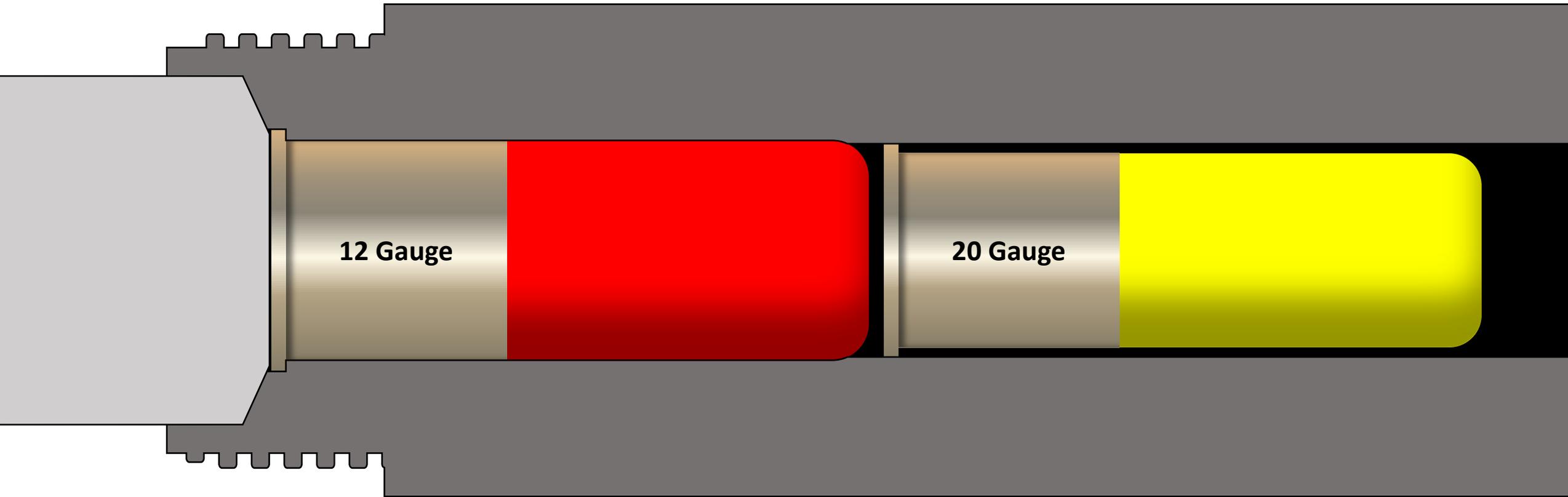


7.62x51mm

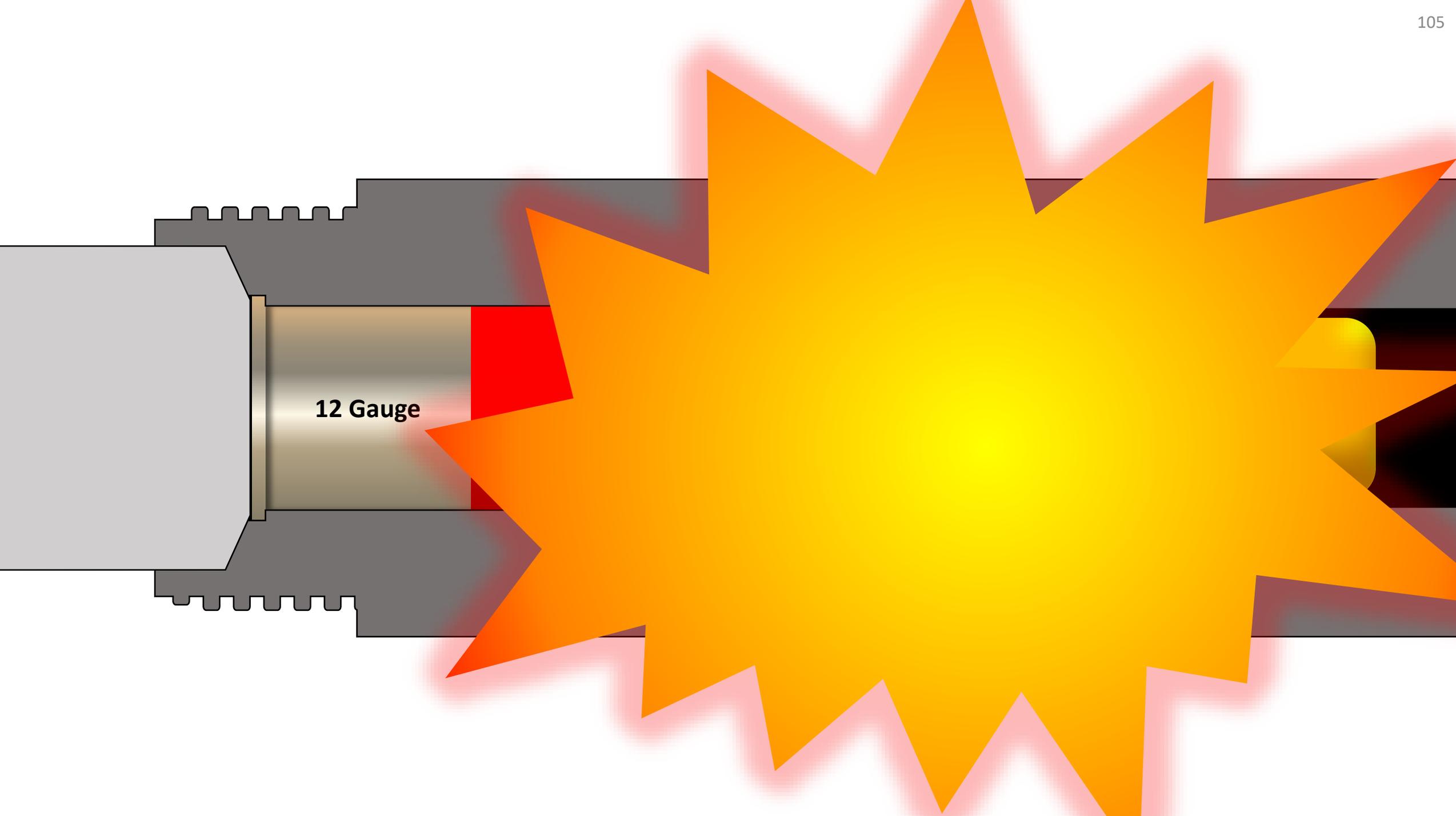
Winchester

.308 Winchester

7.62x51mm NATO



Avoid carrying 12 AND 20 Gauge shells

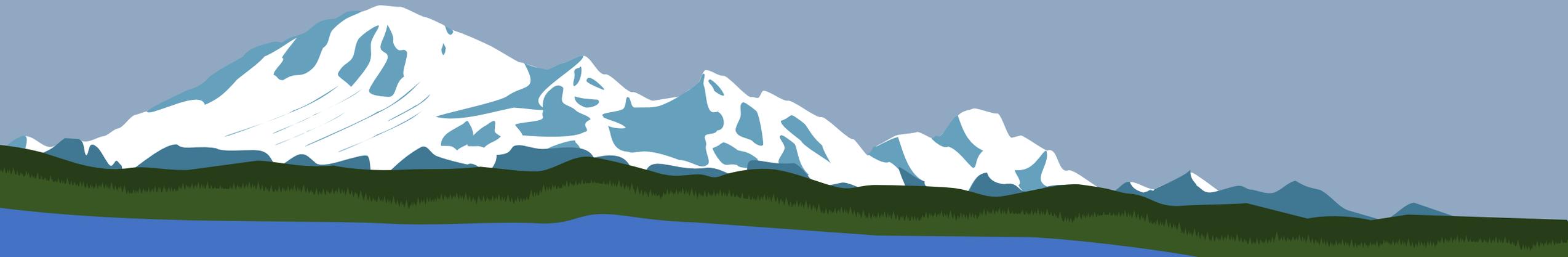


12 Gauge

1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
2. Merit Badge CUBS	14. Shooting Posture
3. Safety	15. The Range
4. Equipment	16. Care and
5. Care	17. Selecting a Rifle
6. Care and Activities	18. Final Thoughts
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8. Ammo	20. Instructor's Contact
9. Storage	



Rifle Shooting Merit Badge Storage



Storage

Requirement 2Af – Rules of Safe Shooting – Storage

What are some rules for safely storing your gun?

- Double check it is unloaded
- If possible, leave the action open
- Turn on the safety
- Store it in a locked gun cabinet or safe
- Store ammunition in a separate place
- Follow the 3 Fundamental Rules of Firearm Safety while putting the gun away and getting it out

NRA Gun Safety Rules

ALWAYS keep your gun pointed in a safe direction

ALWAYS keep your finger off the trigger until ready to shoot

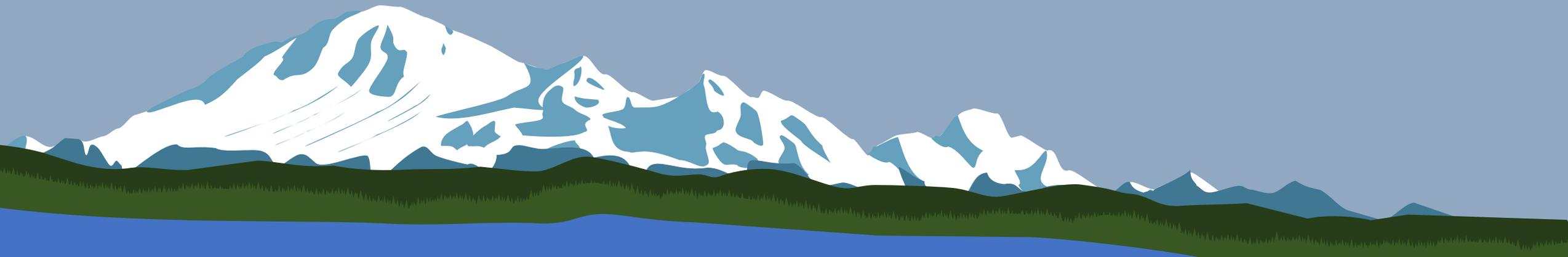
ALWAYS keep your gun unloaded until ready to use

1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
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Rifle Shooting Merit Badge

Rifle Shooting Fundamentals



Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals

e. Identify and demonstrate the five fundamentals of shooting a rifle safely.

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals

1. **Aiming** (Sight Alignment & Sight Picture)
2. **Breath Control**
3. **Hold Control**
4. **Trigger Control**
5. **Follow-Through**

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Aiming

Determine Eye Dominance

- Extend arms forward and form opening between the hands
- With both eyes open, look at a distant object through opening
- **SLOWLY** bring hands to face while looking at object
- Opening will be aligned with the dominant eye



Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Aiming

Sight alignment



Front Sight

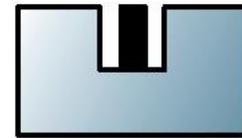
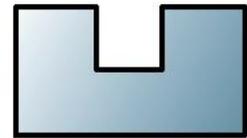
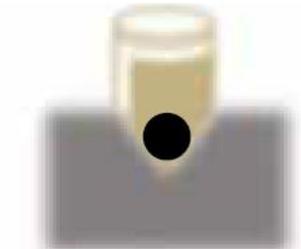
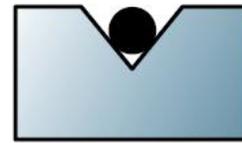


Rear Sight

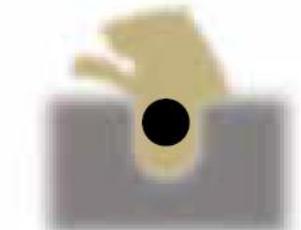
Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Aiming

Sight Alignment and Sight Picture



**Focus on
Front Sight**



Rear Sight

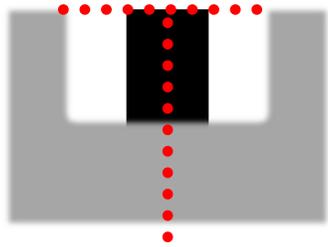
Front Sight

Aligned Sight

Sight Picture

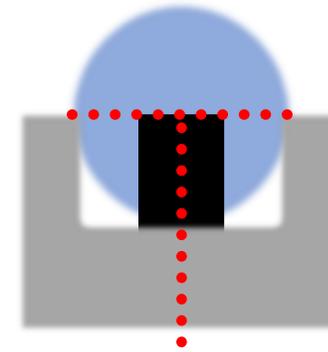
Rifle Shooting Fundamentals

Notch Rear and Post Front Sight



Sight Alignment

The tops of the front and rear sights are even
The front post is centered in the rear notch



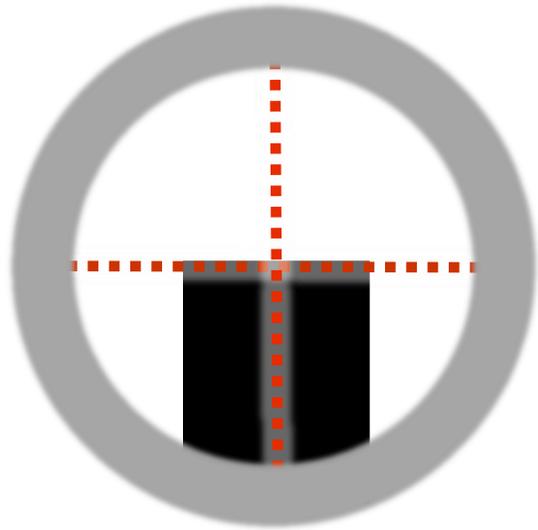
Sight Picture

Center top of post on target

Keep FRONT SIGHT in SHARP FOCUS

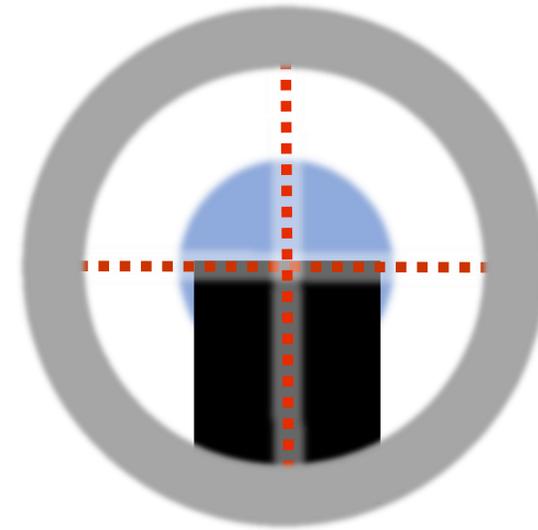
Rifle Shooting Fundamentals

Aperture Rear and Post Front Sight



Sight Alignment

The tops of the front is center in the rear sight's aperture



Sight Picture

Center top of post on target

Keep FRONT SIGHT in SHARP FOCUS

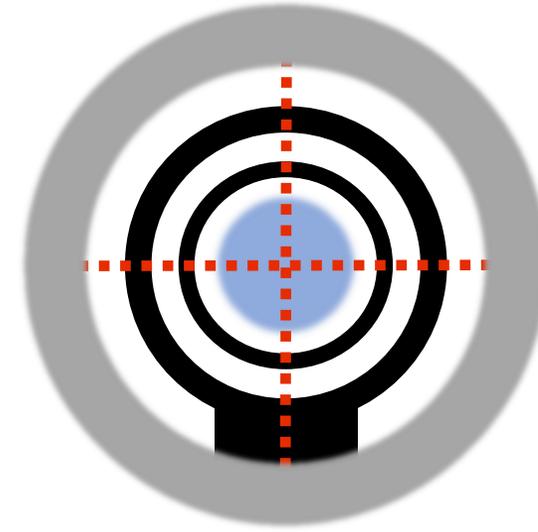
Rifle Shooting Fundamentals

Aperture Rear and Post Front Sight



Sight Alignment

The front aperture is center in the rear sight's aperture



Sight Picture

Bullseye is center in the front sight aperture

Keep FRONT SIGHT in SHARP FOCUS

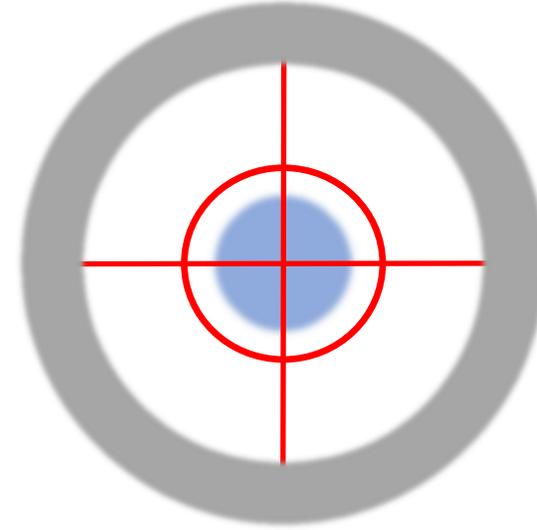
Rifle Shooting Fundamentals

Scope



Sight Alignment

Looking through the scope, you see the whole scope tube (not just small hole in tube)



Sight Picture

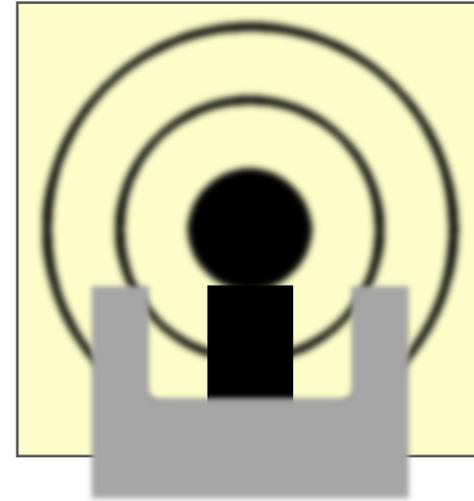
Cross Hairs are centered on the target

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Aiming



Center Hold



Six O'clock Hold

Six O'clock Hold allows you to more easily aim at a smaller point.

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Breath Control

Breathing causes the body to move

- Movement causes your aim point to wander
- This impacts shooting accuracy

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Breath Control

- Breathing Control
 - Before firing the shot, be sure you are comfortable and relaxed
 - Exhale and stop breathing (max 8-10 seconds)
 - Shoot
 - If not able to shoot, take a breath or two and repeat

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Hold Control

Body movement affects shot accuracy

- Hold control allows you to maintain the proper sight picture and sight alignment during the process of firing the shot
- Most difficult fundamental to master

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Hold Control

Body movement affects shot accuracy

- Benchrest position allows you to eliminate most body movement



Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Hold Control

Body movement affects shot accuracy

- Learn to hold your body still
 - Champion shots spend years practicing this
 - Concentration and practice will yield rapid improvements

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Trigger Control

Poor trigger pull technique will cause your rifle to move or you to jerk

- When the sight picture is just right - pull trigger straight to the rear
 - Smooth and continuous manner
 - Gradually and evenly increasing pressure
 - The shoot should be a SURPRISE

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals – Follow Through

Follow-through is maintaining position, aim, breath control, hold control, and trigger control before and immediately after firing the shot

- Minimizes possibility of any sudden movement just before shot is fired

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals

1. Maintain perfect sight alignment and acceptable sight picture – **Aiming**
2. Stop breathing – **Breath Control**
3. Holding still – **Body Control**
4. Moving only your trigger finger – **Trigger Control**
5. To maintain position, and continue aiming, breath control, hold control, and trigger control until the gun settles back into the aiming area after the shot is fired – **Follow-through**

Rifle Shooting Fundamentals

Requirement 2Ae – Five Fundamentals

What are the TWO most important fundamentals?

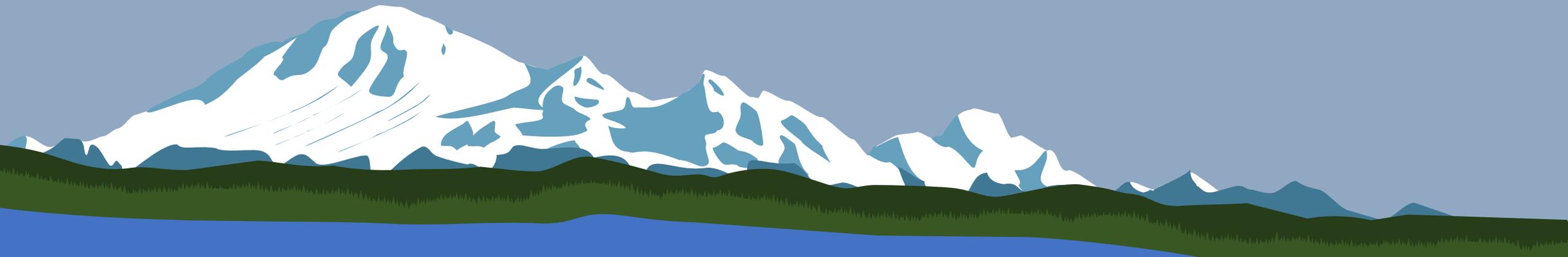
1. Maintaining sight alignment – **Aiming**
2. Moving only the trigger finger – **Trigger Control**

1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
2. Merit Badge CUB	14. Shooting Positions
3. Safety	15. The Range
4. Equipment	16. Care and
5. Care	17. Selecting a Rifle
6. Care and Activities	18. Care, Transport
7. The Rifle	19. Reloading
8. Ammunition	20. Ammunition, Storage
9. Storage	



Rifle Shooting Merit Badge

Shooting Positions



Shooting Positions

Requirement 2Ag – Shooting Positions - Bench Rest



Shooting Positions

Requirement 2Ag – Shooting Positions - Bench Rest

Bench Rest Position

- Feet flat on the ground with the legs relaxed
- Seated directly behind the front support
- Slightly lean torso forward
- Butt of the rifle in the shoulder close to neck
- Both elbows on the table to support the rifle
- Support hand cradles Forearm
- Proper grip allows trigger comes straight back
- Face firmly against the stock
- Eye looking straight down the sights
- Align the position to target



Shooting Positions

Requirement 2Ag – Shooting Positions – Supported Prone



Shooting Positions

Requirement 2Ag – Shooting Positions – Supported Prone

Supported Prone Position

- Feet and legs are flat on the ground with the legs relaxed
- Butt of the rifle in the shoulder
- Elbows on the ground to support the rifle
- Support hand cradles Forearm
- Proper grip allows trigger comes straight back
- Face firmly against the stock
- Eye looking straight down the sights
- Align the position to target

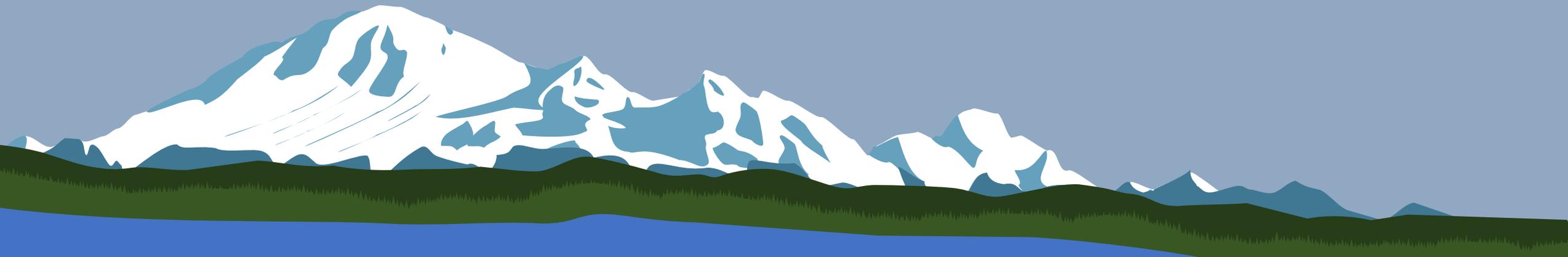


1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
2. Merit Badge CUBS	14. Shooting Posture
3. Safety	15. The Range
4. Equipment	16. Coaches
5. Laws	17. Selecting a Rifle
6. Types and Activities	18. Load, Triggers
7. The Rifle	19. Recoil
8. Ammunition	20. Ammunition, Cartridges
9. Storage	



Rifle Shooting Merit Badge

The Range



NRA Gun Safety Rules

ALWAYS keep your gun pointed in a safe direction

ALWAYS keep your finger off the trigger until ready to shoot

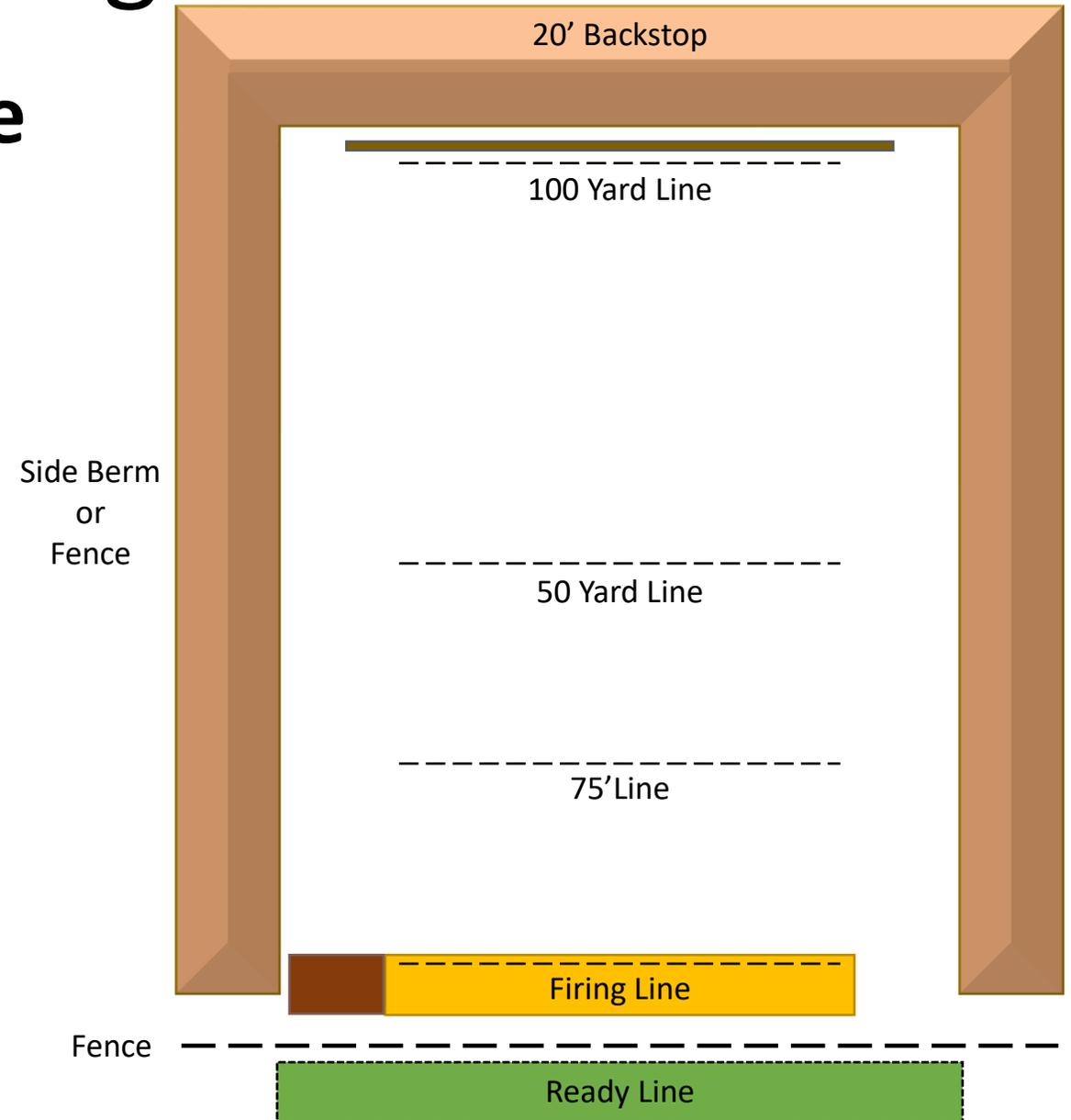
ALWAYS keep your gun unloaded until ready to use

The Range

Requirement 2Ag – The Range

Typical Range layout

- Ready Area
- Firing Line
- Target Area
- Back Stop



The Range

Requirement 2Ag – The Range – Who's in Charge

Who runs the range?

- Range Safety Officer
- Instructor

The Range

Requirement 2Ag – The Range – Who's in Charge

Range Safety Officer

- The RSO is in charge of the range
- What he/she says, goes
- The RSO is there to make sure everyone on the firing line is safe
- Do not do ANYTHING until the RSO says so

The Range

Requirement 2Ag – The Range – Who's in Charge

Instructor

- For BSA shooting activities there must be an RSO and at least 1 instructor
- The Instructor is there to help you
- Do not take it personally if the Instructor tries to correct what you are doing. The instructor is trained and experienced and there to make your shooting experience better.

The Range

Requirement 2Ag – The Range – Range Commands

Range Commands

- **“First relay—on the firing line”**
Leave the Ready Area and enter the Firing Line
- **“Is the line ready?”**
Are you ready to start? Look at the RSO and give a thumbs up
- **“Load”**
Load a round into the chamber. DO NOT SHOOT YET!

The Range

Requirement 2Ag – The Range – Range Commands

Range Commands

- **“Ready on the firing line”**

Get the gun in position to shoot

- **“Commence Firing”**

Shoot when you have a good sight picture and alignment

- **“Cease Firing”**

Stop everything IMMEDIATELY and look at the RSO. Wait for further instructions. Do not shoot, unload, or anything. JUST WAIT

The Range

Requirement 2Ag – The Range – Cease Fire

Who can call, “Cease Fire”?

- Anyone on the range can call “Cease Fire”
- If you see something unsafe, yell,
“CEASE FIRE! CEASE FIRE! CEASE FIRE!”
- Tell the RSO or Instructor what you see

The Range

Requirement 2Ag – The Range – Dos and Don'ts

DON'T – Reach down to pick up dropped ammunition off the floor

DON'T – Be funny, try to be cute, or show-off

The Range

Requirement 2Ag – The Range – Dos and Don'ts

DO – ALWAYS keep the gun pointed in a safe direction, usually down range

DO – What the RSO tells you, WHEN the RSO tells you

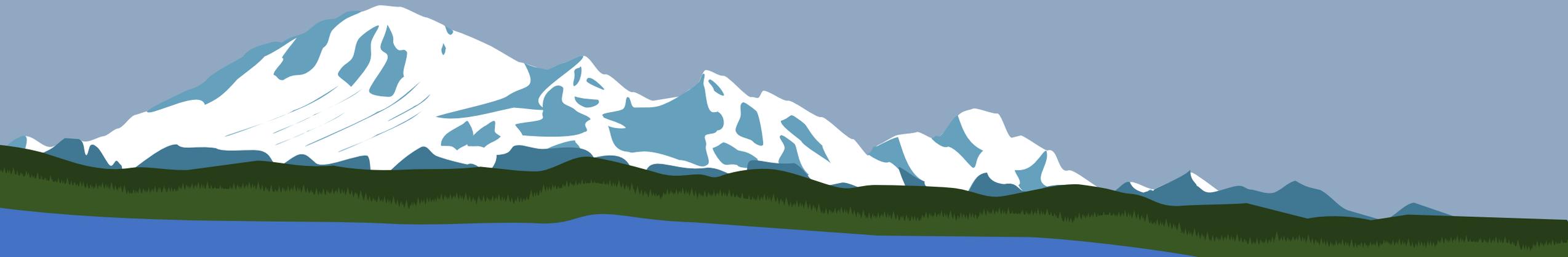
DO – Raise your hand if you have a problem or question



1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
2. Merit Badge CUBS	14. Shooting Posture
3. Safety	15. The Range
4. Inspection	16. Care and
5. Care	17. Selecting a Rifle
6. Care and Activities	18. Final Thoughts
7. The Rifle	19. Resources
8. Ammo	20. Instructor's Contact
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Rifle Shooting Merit Badge Cleaning



Shooting Positions

Requirement 2Ah – Cleaning

h. Identify the basic safety rules for cleaning a rifle, and identify the materials needed.

Shooting Positions

Requirement 2Ah – Cleaning - Safety

Before you begin to clean the rifle, point it in a safe direction, open the action, and **be absolutely sure that:**

- **The gun is empty**
- **All ammunition is removed from the area**

To assure safety, the action should be open during cleaning.

Ideally, the bolt should be removed from the rifle during cleaning.

Shooting Positions

Requirement 2Ah – Cleaning - Materials

Six basic materials are needed to clean a rifle:

- Cleaning rod with attachment (jag tip to hold patches and a bore brush)
 - The rod must be the proper size for the bore of the rifle.
- Cloth patches
- Bore solvent
- Gun oil
- Soft cloth
- Small brush



1. Merit Badge Requirements	13. Rifle Shooting Fundamentals
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6. Care and Activities	18. Post-Threshold
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Rifle Shooting Merit Badge

Selecting a Rifle



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

j. Discuss what points you would consider in selecting a rifle.

Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

What do you need to consider when purchasing a firearm?

- What is its purpose?
- Target shooting
- Hunting
- Protection
- Looks cool



Image sources:

[Ruger 10/22](#)

[Winchester Model 70](#)

[Marlin 1894](#)

Selecting a Rifle

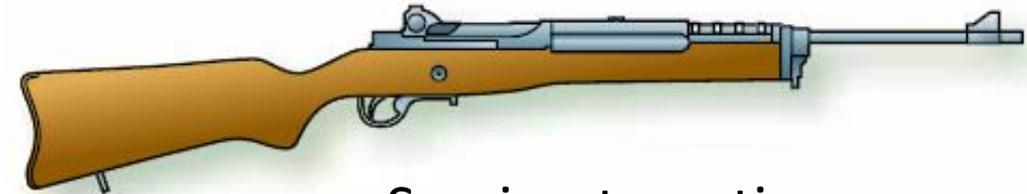
Requirement 2Aj – Selecting a Rifle

What action do you want?

- Bolt
- Semi-automatic
- Lever, etc.
- Can you easily see if the chamber is empty?



Bolt



Semi-automatic



Lever

Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Trigger Pull

- Typical pull is around 3-4 lbs
- Competition firearms have much lighter pulls

Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Weight

- Can you comfortably hold it in position for an extended period
- Is it heavy enough to control recoil?
 - .22 rim fire
6-7 pounds
 - .375 Ultra Mag
12-13 pounds for
- Rifles less than 5 pounds
 - Difficult to hold steady in some positions
 - Poor swing control



Image sources:

[Ruger 10/22](#)

[Winchester Model 70](#)

[Marlin 1894](#)

Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Barrel Length

- Low caliber rifles:
 - 18-24 inches
- High caliber rifles:
 - 24-29 inches
- Longer barrels
 - Puts more weight out front
 - Less recoil
 - Better balance for longer arms



Image sources:

[Ruger 10/22](#)

[Winchester Model 70](#)

[Marlin 1894](#)

Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Stock

- Stock should fit comfortably into the shoulder when your finger is on the trigger
- Smaller people need shorter stocks
- Taller people need longer stocks
- Maybe this is not the gun for you
- Gunsmith may be able to modify it



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Sights

- Iron sights (adjustable?)
- Scope
- Laser



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

You your research!

- Research online
- Go to gun shop
- Research the seller
- Talk to your gun people



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Other Considerations

- Is ammunition readily available?
- How much will ammunition cost for the amount of shooting you plan to do?
- How much money can you spend for the rifle?
- Have you done your homework? Have you studied manufacturers' catalogs?



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Other Considerations

- Have you inspected and handled the different types of rifles available?
- Have you checked the accessories and special features options?
- Can accessories be easily added to accommodate any changes in your shooting interest?
- Is the rifle simple to operate and to clean?
- Can the sights be easily adjusted?



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Other Considerations

- Have you read the warranty or guarantee?
- Is the rifle produced by a known manufacturer? Buying quality brands generally ensures the availability of future repairs and a good return on your investment.
- Does the rifle have a good record for dependability?
- Are you buying from a reputable dealer?
- What is the marketability if you decide to sell the rifle? Could you get back most of your money in a sale?
- Have you taken your time in making your decision? Remember: The chances are good that you will keep the rifle for life



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

Are you purchasing a used firearm?

- Locate the previous owner, if possible, and find out why the rifle was traded or sold.
- Be aware that a poor outward appearance on a rifle generally indicates abuse or excessive wear.
- Have a gunsmith look at the rifle and determine if it has been misused.
- Check the bore for bulges or excessive wear.
- Check screw slots to determine if they have been abused during disassembly by an inexperienced person.



Selecting a Rifle

Requirement 2Aj – Selecting a Rifle

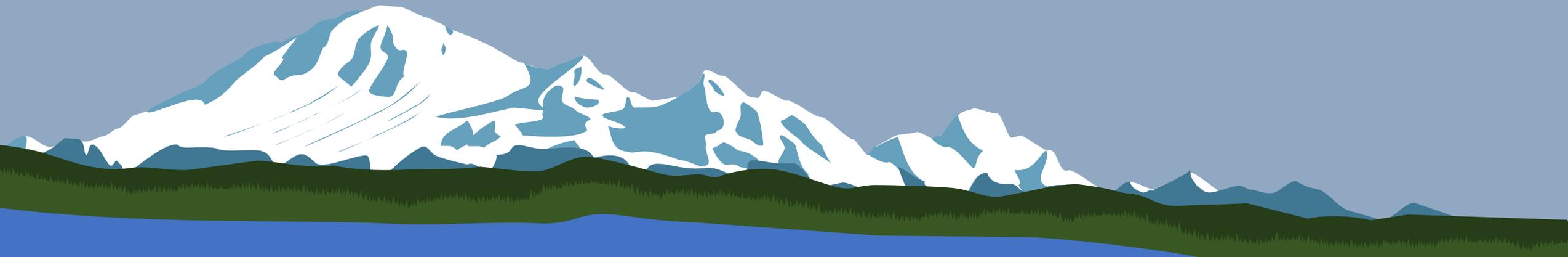
Are you purchasing a used firearm?

- Check the trigger for consistent pull and smooth function.
- Check the safety to determine if it functions properly.
- Secure advice from a gun expert regarding this rifle's market value.
- Check the wood in the stock for type, quality, and hairline cracks.
- Shoot the rifle before you buy it.
- Be certain the seller legally owns the rifle.
- Remember that you usually get what you pay for!

1. Meet Your Instructor	18. Shooting Fundamentals
2. Meet Your Rifle	19. Shooting Posture
3. Safety	20. The Range
4. Equipment	21. Care and Maintenance
5. Load	22. Selecting a Rifle
6. Ammunition	23. Final Thoughts
7. The Rifle	24. Resources
8. Ammunition	25. Instructor's Contact
9. Storage	



Final Thoughts



Final Thoughts

Merit Badge Requirement Checklist - State Laws

- 1d – Local Gun Laws
- 1f – Hunting Laws

- Turn in complete [worksheet](#)



Final Thoughts

Merit Badge Requirement Checklist - Option A - .22 RF

- 2Ae** - Identify and demonstrate the five fundamentals of shooting
- 2Ah** - Demonstrate you can safely shoot a rifle
- 2Aj** - Demonstrate how to clean a rifle properly and safely
- 2Al** - 5 groups of 3 that fit in quarter using a .22
- 2Am** - 5 groups of 5 at targets that touch a quarter

- Turn in complete [worksheet](#)



Final Thoughts

Merit Badge Requirement Checklist - Option B – BB Gun

- 2Be** - Identify and demonstrate the five fundamentals of shooting
- 2Bg** - Demonstrate you can safely shoot a rifle
- 2Bi** - Demonstrate how to clean a rifle properly and safely
- 2Bk** - 5 groups of 3 that fit in quarter using a BB gun
- 2Bl** - 5 groups of 5 at targets

- Turn in complete [worksheet](#)



Final Thoughts

Merit Badge Requirement Checklist - Option C - BLK Powder

- 2Cc - Demonstrate and discuss the safe handling
- 2Ch - Demonstrate you can safely shoot a rifle
- 2Ci - Shoot using 5 fundamentals
- 2Cj - Demonstrate how to clean a rifle properly and safely
- 2Cm - 5 groups of 3 that fit in bottom soda can
- 2Cn - 3 groups of 5 at targets

Currently, Option C will not be covered in class

- Turn in complete [worksheet](#)



Final Thoughts

Firearm Safety is Serious

- Per the [CDC](#) there were close to 40,000 firearm deaths in 2018
 - That's a big number
 - Many were intentional – self-defense, murder, assaults and suicides
 - Many were accidental
 - All were tragic

Final Thoughts

Firearm Safety is Serious

- Unauthorized use of Firearms leads to bad things
 - Suicides
 - Intentional shootings
 - Accidental shootings
 - Loss of your prized firearms

Final Thoughts

Firearm Safety is Serious

- Keep your firearms locked up
 - Don't brag to your friends about your awesome collection
 - Don't show off your parent's collection to your friends
 - Don't leave firearms in your vehicle

Final Thoughts

Firearm Safety is Serious

- Use your firearms safely
 - Respect your firearm like it's a deadly – because it is
 - Follow the 3 Fundamental Rules of Firearm Safety

NRA Gun Safety Rules

ALWAYS keep your gun pointed in a safe direction

ALWAYS keep your finger off the trigger until ready to shoot

ALWAYS keep your gun unloaded until ready to use

Final Thoughts

Firearms also Serve Many Purposes

- Sport Shooting is very enjoyable
- Many of us love hunting
- Protection from bad guys and animals
- Professional use
- Prized by many collectors

Final Thoughts

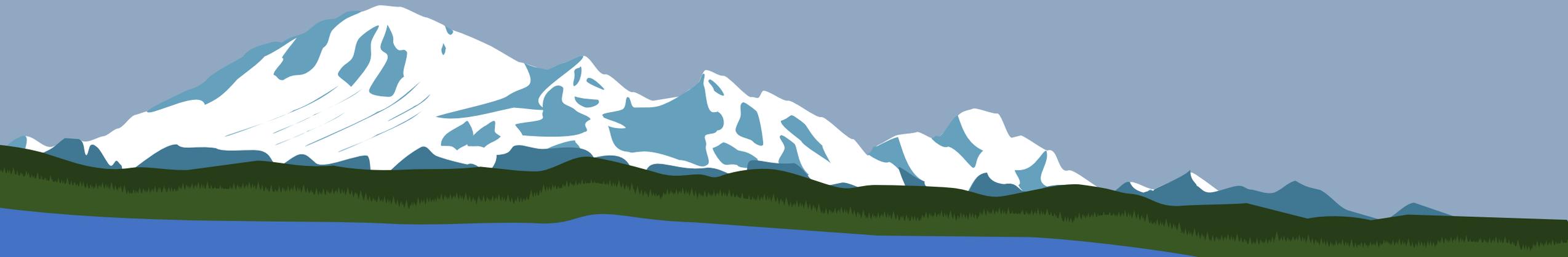
Looking for More?

- [NRA Training Courses](#)
 - NRA Basic Rifle Shooting Course
 - NRA Basic Shotgun Shooting Course
 - NRA Home Firearm Safety Course
- Some courses offer a BSA discount
 - Just ask
- Some Councils offer NRA courses
 - Chief Seattle has an excellent firearms program
 - Monthly classes
 - Shooting sports events

1. Archery Badge Requirements	18. Rifle Shooting Fundamentals
2. Archery Badge CTR	19. Shooting Posture
3. Safety	20. The Range
4. Equipment	21. Crossbow
5. Lingo	22. Selecting a Rifle
6. Sports and Activities	23. First Threshold
7. The Rifle	24. Recoil
8. Arrows	25. Ammunition
9. Storage	26. Instructor's Corner



Resources



Resources

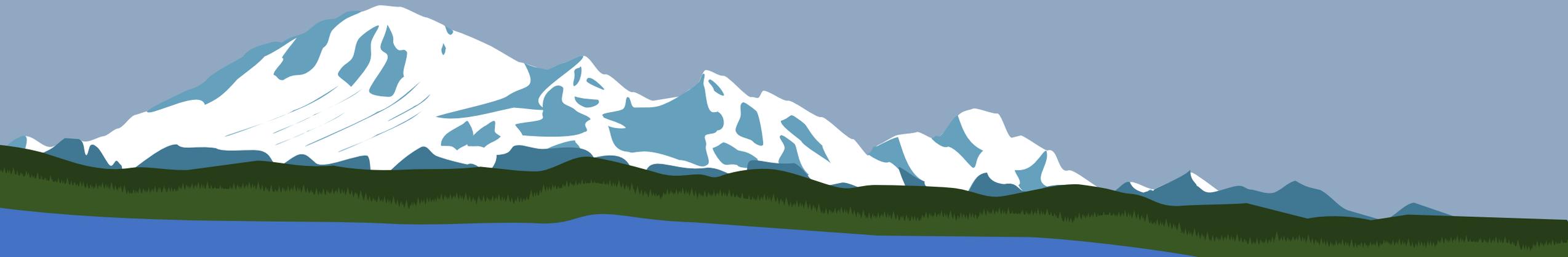
Resources

- [NRA Training Courses](#)
 - NRA Basic Rifle Shooting Course
 - NRA Basic Shotgun Shooting Course
 - NRA Home Firearm Safety Course
- [Chief Seattle Events Calendar](#) – look for Shooting Sports Classes/Events
- [Kenmore Range](#)- Excellent shooting courses and BSA discounts

1. Arch. Badge Requirements	13. Rifle Shooting Fundamentals
2. Arch. Badge CTR	14. Shooting Posture
3. Safety	15. The Range
4. Equipment	16. Crossbow
5. Lingo	17. Selecting a Rifle
6. Tools and Activities	18. Tool, Traps and
7. The Rifle	19. Resources
8. Ammo	20. Instructor's Corner
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Instructor's Corner



Instructor's Corner

Instructor's Corner

- Thank you for teaching our scouts this vital skill and helping them get their Rifle Shooting Merit Badge.
- Just like shooting is all about attitude, so is instruction. The skills and methods taught at the NRA instructor courses are great and will work in person as well as online.
- This course can be used in conjunction with the NRA FIRST Steps RIFLE ORIENTATION program. Please review the NRA Instructors' Lesson Plans for specifics about the FSROP and BSA Merit Badge Program.

Instructor's Corner

Virtual Instruction

- Just like shooting is all about attitude, so is instruction. The skills and methods taught at the NRA instructor courses are great and will work in person as well as online.
- This guide is designed to get scouts started on their merit badges. It gets them in the right mind set and they will be better able to succeed at the range.
- Obviously, some requirements can NOT be performed virtually.
 - Scouts will need to complete these requirements at a range with adequate supervision.
 - Skills learned virtually, can be reinforced and tested face-to-face

Instructor's Corner

Class Length

- Class Length varies greatly from instructor to instructor
- In-person instruction can take 5 hours
- Virtual classes may go much quicker
 - This information has been delivered in one hour – recording only
 - Others take a bit over 2 hours – for less than 5 students
 - Some Merit Badge Courses go 5 hours
 - Your mileage will vary depending on many factors

Instructor's Corner

Class Length – 2 Session Class

- Session 1 – 1.5 Hours
 1. [Merit Badge Intro](#)
 2. [Safety](#)
 3. [Hygiene](#)
 4. [Laws](#)
 5. [Sports and Activities](#)
 6. [The Rifle](#)
 7. [Ammo](#)
 8. [Storage](#)
 9. [Rifle Shooting Fundamentals](#)
- Session 2 –
 1. [Shooting Positions](#)
 2. [The Range](#)
 3. [Cleaning](#)
 4. [Selecting a Rifle](#)
 5. [Final Thoughts](#)

Instructor's Corner

Resources

- [BSA National Shooting Sports Manual](#)
- [NRA First Step Rifle Orientation Program](#)
- Talk to your Shooting Committee
 - Those guys have a ton of knowledge
- Talk to the Shooting Committee in other councils
 - Those guys may have some different perspectives on teaching
- [facebook.com/watch/live/?v=687038162083556](#) – One example

NRA Gun Safety Rules

ALWAYS keep your gun pointed in a safe direction

ALWAYS keep your finger off the trigger until ready to shoot

ALWAYS keep your gun unloaded until ready to use