600-Yard Range Qualification — Policy & Procedures

How to earn your 600-yard badge endorsement — and why the qualification exists.

New to long range? Read all of it, but three sections matter most: **Why This Qualification Exists**, **The Knowledge Check**, and **The Shooting Test**. The rest is logistics.

Why This Qualification Exists

This is a qualification test, not a class. It confirms that you can shoot the 600 safely — it does not train you.

The 600-yard range sits on club property with defined berms. **If your scope's elevation is set wrong, a round can fly long and leave the property**. Preventing that is the entire point of this qualification.

Qualifying Confirms: you understand your equipment, caliber, elevation and that you can put rounds safely downrange. Nothing about this range matters more.

If you've never shot to 600, get training first (see *Qualify by Training Credential*). You must be qualified before shooting the range — pass, and you're certified, and you'll get a badge sticker as proof (see *After You Pass*).

Non-members shooting an ASC-sanctioned event are qualified by that event's coordinator.

Quick Terms

- **Elevation** — the up/down scope adjustment (windage is the side-to-side one) you dial to compensate for bullet drop.
- **Ballistic table** — your load's bullet-drop numbers at each distance (printout or ballistics app).
- **MOA (minute of angle)** — a scope-adjustment unit; 1 MOA is roughly 6 inches at 600 yards.
- **Mil (milliradian)** — a scope-adjustment unit some scopes use instead of MOA; 1 Mil is roughly 22 inches at 600 yards.

Two Ways to Qualify

1. **By Training Credential** — show proof of prior long-range training/certification and skip the shooting test.
2. **On the Range with a Certifier** — pass a short knowledge check, then a live shooting test.

Qualify by Training Credential

Bring a copy of any of the following. The training must have included live fire **out to 600 yards**:

- **NRA rating card** — Mid-Range, Long-Range, F-Class, or similar (must have shot to 600).
- **Private Long-Range School** — provide a course description and certificate of graduation. *Defensive-rifle and close-quarters courses do not count.* Example schools: Safe Side Tactical, Gunsite, Bang Steel, SAFERusa.
- **Military Training** — a DD214 listing **Sniper** or **Designated Marksman**.
- **Specialized Law-Enforcement / FBI-type training** — course descriptions and certificates required.

Qualify on the Range

Step 1 — Book it

- **Sign Up for specific dates using the Club Calendar on our website.** Contact the 600-Yard Coordinator to inquire about possible alternatives to qualifying outside of these dates.
- **Who Can Certify You:** Members designated by the 600 Yard Qualification Coordinator, and the members who run the club's **F-Class** and **PRS** competitions/programs, along with members who oversee other activities on the 600.
- **Before You Show Up:** Verify your 100 or 200 yard zero and confirm your scope rings and mounts are tight. A loose mount or a stale zero can send a round over the berm and off ASC property, where someone could be hurt. Arrive already dialed in.

Step 2 — Equipment Check

You'll need some basic things before trying to qualify, for safety and functional purposes be sure you have addressed each of these:

1. **69 gr or Heavier:** To see splash at 600 you need to have a heavier bullet, 69 is the minimum, 77 or heavier is preferred. When the ground is wet, missed shots can be very hard to see.
2. **Ammo Quantity:** 10 rounds or more. If splash is seen, the qualification happens quickly. If it's hard, it can take more. Decide appropriately for your firearm. If I were qualifying with 77 gr I would bring 20-30 just in case.
3. **Capable Scope and Torqued Scope Rings/Mount:** At home make sure your scope can dial the necessary hold. We've had people show up with scopes that can't so check everything before you come.
4. **Rear Bag:** Your rifle always needs to be level with the ground, period. Be sure you have a bag to prop it up when not holding it if you're using a bipod. If you're not, your rifle lays flat.
5. **Chamber Flags:** For use when the line is cold and people are down range.
6. **Verify Your Zero:** Feel free to use the 200 yard range right next door to confirm your zero. Checking this within a week of qualifying, even the morning of, is strongly encouraged. It puts your mind at ease.

Step 3 — The Knowledge Check

Be ready to answer these four questions about the load you're shooting that day:

1. **What caliber and grain bullet are you shooting?**
2. **What is your bullet's drop at 600 yards** (from your ballistic table)?
3. **How many MOA/MIL does that drop equal?**
4. **How many clicks did you dial** on your scope for that?

Pull the numbers from your phone, app, or a printout — that's fine. What matters is that **you understand the math behind your elevation adjustments.** Miss these and you don't shoot that day.

Step 4 — The Shooting Test

Fire **3–5 rounds** at a target set at 600 yards. To pass:

- **IPSC Target.** You will be shooting at a 60% IPSC target or something of similar size. Impact is preferred but visible hits near the target will also qualify you.
- **Use a bullet over 68 grains.** Splash has to be visible at 600 to judge your impacts — plan for this if you shoot a lighter caliber. Target Light Indicators will be used to help with detecting impacts.
- **Rounds must land in the safe zone** — on the target, or within about 3–5 feet of it.
- You may **check your scope, adjust once, and shoot again.**
- **A second impact in the unsafe area means you don't qualify.** Come back another day once your data is dialed in.

Range Safety — The Non-Negotiables

These apply the moment you step to the line, every time.

Non-Members/Guests or Family Members Who are not Certified Cannot Shoot on the 600 – Sorry, just is.

Firearm handling

- **Muzzle downrange, always.** It points nowhere else.
- **Barrel parallel to the ground. Rest the rifle on a support bag so the barrel stays level** — the muzzle never drifts up.
- **Chamber Flag.** Mandatory when the range is cold.

Cold range

- **Range Cold Means Hands Off Firearms — ever.** When anyone is downrange setting up or adjusting targets, **no firearm may be touched, for any reason**.
- **Ammo yes, firearms no.** Loading magazines and handling ammunition is fine while the range is cold, as long as no firearm is in your hands.

Range Safety — The Non-Negotiables Cont'd

Targets

- **Steel in front of electronics.** Set steel targets in front of any e-target or digital system (e.g., a ShotMarker).
- **Shoot only your own target or club steel.** Talk to your neighbors before you fire and know who's shooting what.
- **Placement:** at the 600-yard line or along the side berms — never in the middle of the range.
- **Touch-ups:** spray paint on steel is fine.

Look Out for One Another

Once you're certified, you're part of what keeps this range safe — not just for yourself, but for everyone on the line.

See something unsafe? Say something. Someone points something out to you? Take it well. This isn't about policing each other or pulling rank — it's about backing each other up. The rules on this page do their job when we help each other live by them.

Look out for the new shooters especially. We were all new to 600 once. That's how it works here: we watch each other's backs, and we stay open when someone's watching ours.

After You Pass

You're certified to shoot the 600-yard range. You'll get a **600-yard sticker** for your ASC badge as proof. Once your Certifier enters the endorsement in the system, you can also get an **updated ASC badge** that shows the 600-yard endorsement by visiting the Membership office when someone's there.

Volunteer!

We all need volunteer hours and helping the qualification process is a nice way to get those. You can also be of service in helping usher new people in, get to know them, and have fun checking out everybody's gear! Volunteers need to have qualified on the 600 to help out. Spotting scopes are always appreciated to for helping out members who are trying to qualify. Drop an email to get on the list to be notified when help is needed.

Contact

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