

## Shooter / Fundamentals Errors

- Body Position
- Head Position / Cheek Weld
- Non-Moving Solid Platform
- Sight Alignment
- Wrong Trigger Pull / Trigger Weight / Crisp Break / Finger Placement
- Breathing Control / Natural Point of Aim
- Muscle Relaxation
- Anticipation of Recoil / Flinching / Avoiding Recoil / Poor Follow Through
- Weapon Cant
- Wrong DOPE
- Firing Angle / Slope DOPE
- Inconsistent Shoulder Pressure
- Fatigue
- Heart Rate
- Anxiety
- Inconsistent Rifle Grip

## Environmental Considerations

- Weather
  - Temperature
  - Wind Speed / Direction
  - Ground Temperature / Thermals
  - Humidity
  - Precipitation
  - Barometric Pressure
- Altitude
  - Air Density
  - Gravity
- Coriolis Effect
- Light Conditions (direction and intensity)

## Equipment

- Ammunition
  - Ballistic Coefficient
  - Consistency of Build
  - Quality of Materials
  - Round Deflection
  - Spin Drift
- Weapon
  - Quality of Materials
  - Barrel Erosion / Corrosion
  - Length of Barrel
  - Barrel Harmonics / Whip
  - Free Float
  - Cold Bore
  - Muzzle Burrs / Damage

- Fouling
- Loose Bedding / Vibration
- Chamber Temperature / Barrel Temperature
- Twist Rate wrong for Ammunition Weight
- Improper Head Space
- Loose Barrel / Receiver
- Suppressor

#### Scope

- Scope Quality / Broken
- Scope Alignment / Cant
- Improper Sight Alignment / Cheek Weld
- Parallax / Focus / Mirage
- Mount Loose
- Rings Loose
- Shift in Zero

Target Speed / Direction

External Physical Barriers