



## Course of Fire

### Day 1

#### Rifle Zero

**Purpose:** To allow the student to attain a good rifle zero before starting the course of fire. A good zero is critical to the students learning as a bad zero can cause a student to believe that they are making the right wind call when they are making the wrong one or vice versa.

**Rounds allotted:** 20

**Time:** 30 minutes

**Sequence of Events:** All students will set up on the firing line with all the gear needed to zero their rifle. The instructor has the option of running the course of fire as Shooter/Spotter or Shooter/Shooter depending on time and skill level of the students. Set zero targets up at 100 meters or yards depending on the unit preference.

**Student equipment:** Rifle with sling, Sand Sock, Front Rifle Support (if bipods are not available), Data Book, Kestrel (Optional but preferred)

**Range equipment:** Zero targets, target stands

**Facility Requirements:** 100 Yard/Meter range

**Instructor notes:** It is beneficial to remind the students of the following before they shoot:

- Prone Fundamentals
- Adjust their parallax
- Gather atmospheric
- Calling their shot
- Keeping their head on the rifle

If a rifle has not been zeroed recently or has had a scope change, conduct a bore sight if possible before zeroing or start off by engaging a specific spot down range to best observe impacts.

If a student takes more than 20 rounds, let the rifle cool and come back to them.



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#### Tripod Shoot #1 (Standing)

**Purpose:** The purpose of this shoot is for the student find what methods and techniques work best for him in the standing. This is a slow fire event focused primarily on the fundamentals. By the end of this shoot the student should be comfortable with the position and have effective rounds on target.

**Rounds allotted:** 20

**Time:** 45 Minutes

**Sequence of Events:** This course of fire is run Shooter/Spotter. Targets will be placed between 100-600 meters or to the maximum distance available if under 600 meters. Instructor will call the line hot and students will begin engaging targets at their discretion from the standing position. The range and wind can come from the shooter or spotter depending on unit protocol. Upon completion of the 20 rounds, the shooter and spotter will switch. Each shooter will start out with 5 minutes of dry fire before starting live fire.

**Student equipment:** Rifle with sling, Tripod, Method of clipping in (Carabiner), Spotting Scope, Data book, Ballistic Computer

**Range equipment:** 10 pieces of steel

**Range Set Up:** Place steel no closer than 100 and no further than 600. If possible, place reduced size steel closer and larger steel further out. If there is no reduced size steel, create reduced size hit zones with spray paint on the larger steel.

**Facility Requirements:** A range of at least 300M/Y

**Instructor notes:** This course of fire is best run as shooter/spotter because it allows the instructor to observe positions and not have to worry about shots downrange. Students will sometimes think that their zero is off due to excessive missing, especially from the standing. Remind them that they just zeroed. Once of the biggest problems from the standing is trigger control. If a student has a hard time hitting reduced size targets have them dry practice for a few shots. Things to look for:

- Hips too far forward: Student is tightening the sling before getting into position
- Knees not locked out
- Cant in the weapon



## Course of Fire

### Day 1

#### Tripod Shoot #2 (Kneeling)

**Purpose:** The purpose of this shoot is for the student find what methods and techniques work best for him in the standing. This is a slow fire event focused primarily on the fundamentals. By the end of this shoot the student should be comfortable with the position and have effective rounds on target.

**Rounds allotted:** 20

**Time:** 45 Minutes

**Sequence of Events:** This course of fire is run Shooter/Spotter. Targets will be placed between 100-600 meters or to the maximum distance available if under 600 meters. Instructor will call the line hot and students will begin engaging targets at their discretion from the kneeling position. The range and wind can come from the shooter or spotter depending on unit protocol. Upon completion of the 20 rounds, the shooter and spotter will switch. Each shooter will start out with 5 minutes of dry fire before starting live fire.

**Student equipment:** Rifle with sling, Tripod, Method of clipping in (Carabiner), Spotting Scope, Data book, Ballistic Computer

**Range equipment:** 10 pieces of steel

**Range Set Up:** Place steel no closer than 100 and no further than 600. If possible, place reduced size steel closer and larger steel further out. If there is no reduced size steel, create reduced size hit zones with spray paint on the larger steel.

**Facility Requirements:** A range of at least 300M/Y

**Instructor notes:** This course of fire is best run as shooter/spotter because it allows the instructor to observe positions and not have to worry about shots downrange. A few things to look for in the kneeling:

- Ensure the student has rear elbow support if they have one knee up
- Ensure student has their body fully behind the rifle
- Watch for cant in the rifle



## Course of Fire

### Day 1

#### Tripod Shoot #3 (Sitting)

**Purpose:** The purpose of this shoot is for the student find what methods and techniques work best for him in the standing. This is a slow fire event focused primarily on the fundamentals. By the end of this shoot the student should be comfortable with the position and have effective rounds on target.

**Rounds allotted:** 20

**Time:** 45 Minutes

**Sequence of Events:** This course of fire is run Shooter/Spotter. Targets will be placed between 100-600 meters or to the maximum distance available if under 600 meters. Instructor will call the line hot and students will begin engaging targets at their discretion from the sitting position. The range and wind can come from the shooter or spotter depending on unit protocol. Upon completion of the 20 rounds, the shooter and spotter will switch. Each shooter will start out with 5 minutes of dry fire before starting live fire.

**Student equipment:** Rifle with sling, Tripod, Method of clipping in (Carabiner), Spotting Scope, Data book, Ballistic Computer

**Range equipment:** 10 pieces of steel

**Range Set Up:** Place steel no closer than 100 and no further than 600. If possible, place reduced size steel closer and larger steel further out. If there is no reduced size steel, create reduced size hit zones with spray paint on the larger steel.

**Facility Requirements:** A range of at least 300M/Y

**Instructor notes:** This course of fire is best run as shooter/spotter because it allows the instructor to observe positions and not have to worry about shots downrange. A few things to look for in the sitting:

- Ensure the student is still using the sling, it allows for muscle relaxation
- Ensure student has their body fully behind the rifle
- Watch for cant in the rifle



## Course of Fire

### Day 2

#### Bullseye Drill (Standing, Kneeling, Sitting)

**Purpose:** The purpose of this drill is for the student to focus on accuracy from the standing, kneeling, and sitting with a time limit for added stress. This course of fire will show any flaws in the student's fundamentals as a time limit is put on them.

**Rounds allotted:** 15

**Time:** 20 minutes per iteration

**Sequence of Events:** Students will set up on the firing line as shooter and spotter. The shooter will set up in the standing position. The instructor will give the student the time limit for the shoot and ensure the student knows which target they are firing on. The student will fire on the same target for all 15 rounds. Upon command the shooter will engage the bullseye with 5 rounds from the standing, five rounds from the kneeling, and five rounds from the sitting. The instructor will call cease fire at the end of the time limit. The spotter can give corrections to the shooter and will assist the shooter in changing position. The shooter can change position with the rifle in the tripod or can take it out.

**Student equipment:** Rifle, Tripod, Sling, Spotting Scope

**Range equipment/set up:** NRA Pistol Targets, Target Stands, wooden 1X2s, and echo silhouettes. Set up the target stands with one bullseye per student per iteration (i.e. If there are 4 students and the drill will be shot 2 times then put up 8 targets).

**Range Set Up:** Place the target stands at 150M/Y, multiple bullseyes can go on one target stand

**Facility Requirements:** Range Distance of at least 150M/Y

**Instructor notes:** Depending on the observed skill level of the students the instructor can set the time limit to an attainable standard. Four minutes is a good starting place for beginners while 2 minutes is a good standard for an experienced shooter. There are some safety concerns for this course of fire:

- Ensure students place the weapon on safe when they are transitioning to the next position
- Ensure the spotter does not get in front of the muzzle when helping the shooter transition

At the end of the course of fire, head down to the targets and help the shooter analyze their shot group. Up and down dispersion is usually breathing, while left and right is usually trigger control.



## Course of Fire

### Day 2

#### Tripod Shoot #4 (Standing, Kneeling, Sitting)

**Purpose:** The purpose of this shoot is for the student to confirm the positions that they developed the day before. This is a slow fire event focused primarily on the fundamentals. By the end of this shoot the student should have solidified their position and have effective rounds on target.

**Rounds allotted:** 30

**Time:** 60 Minutes

**Sequence of Events:** This course of fire is run Shooter/Spotter. Targets will be placed between 100-600 meters or to the maximum distance available if under 600 meters. Instructor will call the line hot and students will begin working with their spotter and engaging targets from the standing, kneeling, and sitting position. The student will fire ten rounds from each position. The range and wind can come from the shooter or spotter depending on unit protocol. Upon completion of the 30 rounds, the shooter and spotter will switch. Each shooter will start out with 3-5 minutes of dry fire before starting live fire.

**Student equipment:** Rifle with sling, Tripod, Method of clipping in (Carabiner), Spotting Scope, Data book, Ballistic Computer

**Range equipment:** 10-15 pieces of steel marked for identification

**Range Set Up:** Place steel no closer than 100 and no further than 600. If possible, place reduced size steel closer and larger steel further out. If there is no reduced size steel, create reduced size hit zones with spray paint on the larger steel.

**Facility Requirements:** A range of at least 300M/Y

**Instructor notes:** Positions should be somewhat solidified at this point. Make corrections as needed. The student should not spend too much time in any one position, if it is giving them trouble, have them move to the next position and have them come back to it.



## Course of Fire

### Day 2

#### Rapid Deployment Drill

**Purpose:** The purpose of this drill is to train the student to rapidly deploy their tripod from the stored position in response to a threat. This drill can be used with or without time constraints however is most effective with time constraints. This drill is designed to imitate an officer responding to a call.

**Rounds allotted:** 1 round per drill/5 rounds per position

**Time:** 30 minutes per position

**Sequence of Events:** This is an individual shooter event. Depending on the size of the firing line between 2 and 4 students will go at a time. The instructor will establish a start point that is 10-20 yards up range and a firing point (on the firing line). All students will be up range of the starting point. The students will enter into the starting position with their rifle, sling, collapsed tripod, and laser rangefinder. The student will be given a target description and then upon command the student will make their way to the firing position and set up in the prescribed position. If the event is un-timed, the student will shoot once they are ready. If the event is timed the student will wait in position until the instructor sounds off with "threat" where the student will have 3 seconds to take the shot. Only one shot is allowed per drill.

**Student equipment:** Rifle, Tripod, Sling, and Laser Rangefinder

**Range equipment:** 5-10 pieces of steel, Department vehicle in order to create realism

**Range Set Up:** Place 5 to 10 targets labeled numerically at varying distances. Colors can be used instead of numbers for a more realistic talk on.

**Facility Requirements:** At least 200 meter/yard range

**Instructor notes:** All students will be condition 4 when they are in the staging area. Students will face downrange and go condition 1 when they enter the starting point. All students must start at the same time for safety reasons. Ensure that each student receives a different target when giving out target assignments. The student can have their partner follow them up to the firing position to spot but cannot aid with their position.

For this course, the first 2 drills will be done without time and the last three will be under time.

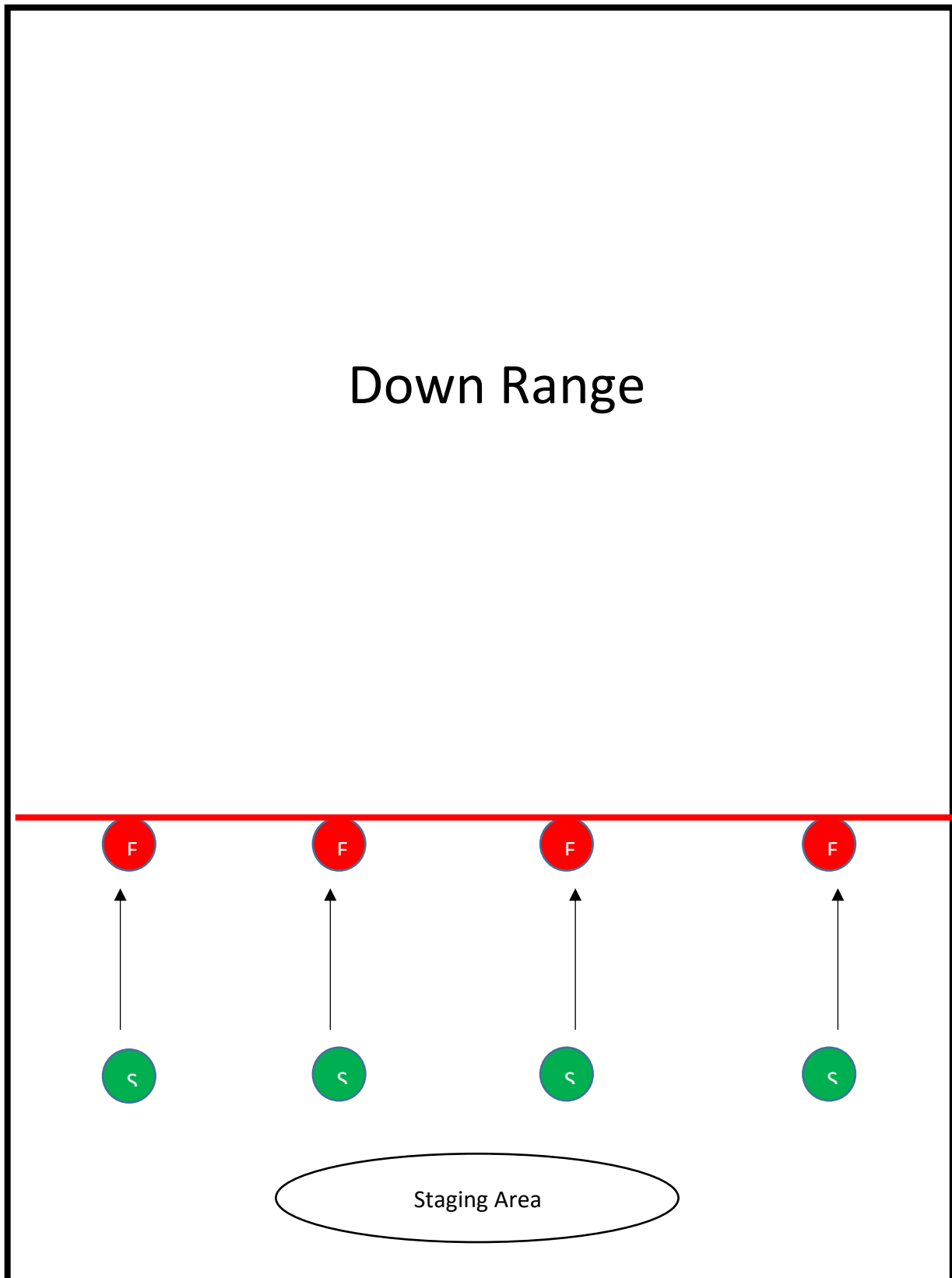
When timing, 2 minutes is a good place to start and then judge where the class is as a whole. When giving the count down, the instructor will call threat with 4 seconds left and then count down the last 3 seconds out loud.



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Conduct a quick debrief after each drill, especially with those who do not make time or are having trouble setting up.





## Course of Fire

### Day 2

#### Tripod Shoot #5 (Standing, Kneeling, Sitting)

**Purpose:** The purpose of this shoot is for the student to correct any flaws that surfaced from the pre-evaluation. This is a slow fire event focused primarily on the fundamentals. By the end of this shoot the student should have fixed the flaws in their position and have effective rounds on target.

**Rounds allotted:** 30

**Time:** 60 Minutes

**Sequence of Events:** This course of fire is run Shooter/Spotter. Targets will be placed between 100-600 meters or to the maximum distance available if under 600 meters. Instructor will call the line hot and students will begin working with their spotter and engaging targets from the standing, kneeling, and sitting position. The student will fire ten rounds from each position. The range and wind can come from the shooter or spotter depending on unit protocol. Upon completion of the 30 rounds, the shooter and spotter will switch. Each shooter will start out with 3-5 minutes of dry fire before starting live fire.

**Student equipment:** Rifle with sling, Tripod, Method of clipping in (Carabiner), Spotting Scope, Data book, Ballistic Computer

**Range equipment:** 10-15 pieces of steel marked for identification

**Range Set Up:** Place steel no closer than 100 and no further than 600. If possible, place reduced size steel closer and larger steel further out. If there is no reduced size steel, create reduced size hit zones with spray paint on the larger steel.

**Facility Requirements:** A range of at least 300M/Y

**Instructor notes:** Positions should be somewhat solidified at this point. Make corrections as needed. The student should not spend too much time in any one position, if it is giving them trouble, have them move to the next position and have them come back to it.



## Course of Fire

### Day 3

#### Tripod Shoot #6 (Supplemental Support)

**Purpose:** The purpose of this shoot is to introduce to the student different objects that can aid in their position and how to implement them. This shoot will allow the student to determine what works best in each position by trial and error.

**Rounds allotted:** 20

**Time:** 60 Minutes

**Sequence of Events:** Instructor will establish the firing line and set up the range. This will be an individual shooter event. If there are not enough tripods, then it will have to be shooter/spotter. Beginning in the standing the student will utilize different techniques covered in the class. The student will shoot 10 rounds per position (Standing, kneeling, sitting).

**Student equipment:** Rifle, Sling, Tripod, Backpack, Shooting support, Laser Rangefinder

**Range equipment:** 10-15 pieces of marked steel

**Range Set Up:** Place steel from 100-600 Meters/Yards at varying distances.

**Facility Requirements:** 300+ Meters/Yards

**Instructor notes:** This is a time for the student to apply the fundamentals of supported shooting and to learn from experience. Feel free to give advice, but allow the students to try whatever they want unless it is unsafe. If it is tactically unsound, explain why, however do not discourage them from trying the method.



## Course of Fire

### Day 3

#### Tripod Shoot #7 (Vehicle Hide)

**Purpose:** The purpose of this shoot is to familiarize the student with engagements from a vehicle hide. This shoot will allow the student to determine what works best when engaging from a vehicle hide and the factors involved. The unit can use this time to work on SOPs already in place and/or try new techniques.

**Rounds allotted:** 10

**Time:** 60 Minutes

**Sequence of Events:** Instructor will establish the firing line, set up the range, and have the students set up a vehicle hide using a provided vehicle. This will be an individual shooter event. If there is more than one vehicle available put them side by side.

**Student equipment:** Rifle, Sling, Tripod, Backpack, Shooting support, Laser Rangefinder

**Range equipment:** 10-15 pieces of marked steel

**Range Set Up:** Place steel from 100-600 Meters/Yards at varying distances.

**Facility Requirements:** 300+ Meters/Yards

**Instructor notes:** Safety is paramount, make sure there is adequate clearance for all shots taken inside of the vehicle. Ear protection should be worn even with suppressors. Focus the students on the realistic aspect of this method of engagement and cover the pros and cons.