

# **Striker-Fire Challenge - How Awards are Determined**

## **Rules**

Only two Gun Classes will be used – Stock (Iron Sights) and Open (Optics). (In the case of other external modifications or other questions, the final Gun Class determination will be made by the Match Director.)

Four relays will be held each match date (conditions permitting).

Shooters may shoot multiple relays, and shoot in either or both Gun Classes.

Approximately 50% of entry fees received will be paid back to shooters as cash awards. The remainder of entry fees taken in, less any match expenses, will go to the club as profit.

Awards will be handled separately for each Gun Class.

Aggregate 500 scores from all shooters in the same Gun Class on a given match date will be used to compete for awards.

Awards will be determined using the Lewis Classification System and the procedures below.

Lewis Classes (A, B, C, etc.) will be established as needed, one for every 10 shooters for each Gun Class.

For every additional 10 shooters in a Gun Class, an additional Lewis Class will be established (e.g., D, E, F, etc.).

Place Awards will go to 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> places within each established Lewis Class.

If needed, the tie-breaker will be highest X-count. Beyond that, we will call it a tie and winners will split the awards evenly. While rare, it can happen. Ties crossing Lewis Class dividing lines, even more rare, will be handled as discussed below.

## **Determining Awards**

Following the rules above, we will use the procedures below to determine Lewis Classes and Place Awards.

Each Gun Class will be handled separately for awards and processed as follows:

- The total number of shooters will be used to determine the number of Lewis Classes to be established as follows:
  - For 1-10 shooters, Lewis Classes A will be established.
  - For 11-20 shooters, Lewis Class B will be added.
  - For 21-30 shooters, Lewis Class C will be added.
  - For 31-40 shooters, Lewis Class D will be added.
  - For 41-50 shooters, Lewis Class E will be added.
  - For 51-60 shooters, Lewis Class F will be added.
  - Etc.

- This logic is designed to render an equitable distribution of awards for the number of shooters present, and provides for 1 Lewis Class for every 10 shooters.
- Aggregate 500 scores will be ranked from highest to lowest, based on score and x-count.
- Using the ranked list of Aggregate 500 scores, the total number of shooters will be divided by the number of established Lewis Classes to derive the number of shooters to be assigned to each Lewis Class. With Lewis Class A being the highest, any remainder will go into the lowest established Lewis Class.
- Of the total entry fees taken in, 50% will go into the Total Payout Pot for awards. The Total Payout Pot will then be split using tailored percentages specified for the established Lewis Classes to create fair and balanced Payout Pots for each Class.
- The shooters in 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Place within each Lewis Class will receive cash awards using a 50/30/20% split of the money allocated in their respective Payout Pot, with the following stipulations:
  - Awards will be rounded to the nearest dollar to avoid using coins.
  - Shooters who fire multiple relays in the same Gun Class are eligible\_for winning only one award within a given Lewis Class (e.g., can't win both 1<sup>st</sup> and 2<sup>nd</sup> place within Class A, but could win 1<sup>st</sup> place in Class A and 1<sup>st</sup> place in Class B).
  - Awards in a given Lewis Class where ineligible shooters exist will pass down to the next eligible shooter within the same Lewis Class (if there is one), but will not pass down into the next lower Lewis Class (e.g., won't pass down from Class A to Class B).
  - If a tie exists for 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> Place (same score and X-count), the shooters involved will split the award evenly.
  - Ties which cross a Lewis Class dividing line will either be moved up to the higher Lewis Class, or moved down to the lower Lewis Class, to join the majority where tie scores appear.
  - Two-way ties crossing a Lewis Class dividing line will always move down to the lower Lewis Class.
  - If there are only 2 eligible shooters in Lewis Class A, only 1<sup>st</sup> and 2<sup>nd</sup> Places will be awarded, using a 60/40% split of the allocated Payout Pot.
  - If there is only 1 eligible shooter in Lewis Class A, only 1<sup>st</sup> Place will be awarded, using 100% of the allocated Payout Pot.
- These procedures and the detailed criteria for determining awards have been programmed into our automated Lewis Class Payout Calculator to help make it a quick and easy process.

- See the separate Match Results spreadsheet using test data for an example showing details on how these rules and procedures for establishing Lewis Classes and determining Awards are applied.

### **Distribution of Awards**

Cash awards and Certificates will handed out to winners the next time we see you at our club or other local matches. If you are not from our immediate vicinity, we can make special arrangements to get your awards to you.

*Revised: December 21, 2020*