

# **Artisanal Fireworks Competition Rules**

## **during FPAG's Florida Fall Fireworks Festival, 11-14 November 2021**

The Artisanal Fireworks Competition will take place on Friday November 12<sup>th</sup> at the Florida Pyrotechnical Arts Guild's annual 4F event. Cash prizes will be awarded to the top 5 entries with \$1000 awarded as first prize. The winner also to receive the Artisanal Fireworks Foundation's grand prize trophy.

### **Entry to the Competition**

Competitors must submit an entry form and be accepted for entry. The form may be found on the FPAG website at [www.fpag.org](http://www.fpag.org), and may be submitted by email to [invitational@fpag.org](mailto:invitational@fpag.org) or mail to FPAG, c/o Josh Lazarus President, 11663 Spotted Margay Avenue, Venice FL 34292, and must be received by August 15, 2021. Due to size and time constraints, there is a limit to the number of entries which will be set at the sole discretion of the FPAG Board. If a submission is accepted, access to the site, work and storage space along with camping space, power & water if requested in advance, will be provided on the grounds in advance of the competition to the contestant. The FPAG Board make the final decision on the selection of competitors. The selected competitors will be notified no later than September 1, 2021.

### **Entry Specifications:**

Each entry must contain at least 15 devices, representing at least 6 distinct device types. At least 1 device must be a wheel, lance piece, set piece, or falls. Commercial lance, fuse (for timing purposes only, not as an effect), black powder, cases, and tubes are allowed in all competitions. Unless specifically allowed, all other components must be made entirely by the entrant.

### **Device Specifications:**

1. Line rockets are permitted but may be restricted based on site limitations.
2. There is no upper limit on the number of devices, however the competitor must observe a time limit of 5 minutes.
3. All mines will be fired from non-metal mortars only. This rule will be strictly enforced by the Safety Committee. Any competitor found in violation of this rule will be disqualified.

A **ground display** produces its primary effects on the ground or beginning on the ground. Devices suitable to a ground display include: fountains, gerbs, wheels, tourbillions, candles, waterfalls, mines, comets, set pieces, whistles, towers, castles, line rockets, and possibly other low level effects.

Display is the operative word and the judges will be looking for a coherent and entertaining display. A simple "product demo" of the minimum number of devices should not be expected to get a good score.

A **mine** consists of stars, crackers, reports, whistles, hummers, serpents, bees or any other effect or combination of effects ignited and ejected upward into the air from a single mortar. The individual effects are ignited and loose upon ejection.

A **gerb** or **fountain** is a stationary single case which may be choked and is charged with a composition, which when ignited, shoots fire and/ or sparks into the air.

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A **comet** is a single projectile which is fired into the air and is designed to produce a visible effect during flight. It receives its sole motive force from the use of a lifting charge in a mortar tube or similar device.

A **wheel** is a spinning device with one or more axes of rotation. Propulsion of the wheel must be by pyrotechnic device. Multiple wheels will be allowed and count as one wheel if attached to a common main frame.

A **roman candle** is a single device which repeatedly fires projectiles into the air from a single tube.

A **lance piece** is a pictorial pyrotechnic depiction primarily by the use of lance.

A **set piece** is a pyrotechnic depiction of a design, using gerbs, saxons, wheels, lance and/or roman candles.

| Device Types        | Wheels   | Lance     | Set Piece | Comets | Falls   | Candles  | Gerbs    | Mines | Saxons           | Tourbillion  |
|---------------------|----------|-----------|-----------|--------|---------|----------|----------|-------|------------------|--------------|
| Minimum Requirement | See note | 40 lances | 6 items   | 1.5"   | 6 tubes | 5/8 inch | 3/4 inch | 3"    | 3/4 inch drivers | 3/4 inch dia |

For entries using a single wheel, the minimum diameter is fifteen inches (15"); for entries using multiple wheels minimum total diameter must be at least fifteen inches (15").

Field positions for the competition will be determined by a random draw onsite. The draw will take place at the assembly tent. Competitors may designate an alternate to participate in the draw if they are not available.