

Zambelli
FIREWORKS

Fireworks Proposal
July 4, 2024 & 2025
Fireworks Display
Pembroke Pines, FL



Zambelli Fireworks
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FIREWORKS PROPOSAL

Show Date: July 4, 2024 & 2025

All inclusive Budget and Duration: \$35,000; 25 minute display

Location: 7400 Pines Blvd. - Pembroke Pines, FL

Insurance Liability Coverage: \$10 Million dollars per incident clause to cover the Fireworks Display. Zambelli uses the highest insurance premium in the industry, only offered to "AAA" rated companies.

Permits: Zambelli Fireworks will work with the local Fire, Police and the environmental groups to secure all needed security and safety plans.

Transportation Liability Coverage: \$5 Million dollars as required by United States Department of Transportation. (DOT)

Workers Compensation: Pyrotechnicians will meet all of the requirements of the Workers Compensation Laws of Florida.

Transportation: Fireworks and equipment will be delivered by qualified CDL drivers with Haz-Mat endorsed licenses as required by US DOT.

Personnel: Zambelli Certified Pyrotechnicians and Trained Assistants; no subcontractors used.

Safety Procedures: Zambelli Fireworks adheres to all safety regulations. NFPA 1123 code will be strictly enforced.

Terms: 50% deposit at signing of the contract. Balance due at completion of each display, as invoiced by Zambelli

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Proposed Show Segments

OPENING: An opening barrage is designed to attract the attention of the audience and entice them to pay attention..."The show has just begun!" The opening barrage for the display will certainly impress as multiple shots of comet tails and aerial effects will fill the night's air. As the opening barrage grows, the intensity of colors and sound will permeate the skies. **30 seconds.**

FEATURE PRESENTATION: The main body of the fireworks display should not be just one shell fired one after another. It's about rhythm, timing, and spacing the perfect effects with one another and building themes throughout the show. Some fireworks are designed to have extreme intensity while others are designed to slow the pace down with slower, softer effects. The design team hand picks every product used to ensure there are nearly no duplicates of tableaus throughout the program. The audience will enjoy a fully designed display. The intensity will continue to grow until.... **23 Minutes.**

...the GRAND FINALE: and it will be GRAND!

Human nature is to remember things last experienced. The Grand Finale is what people will remember the most about a fireworks production. A poor finale will leave an audience disappointed. Zambelli Fireworks has a long tradition of supplying the biggest and best Finales in the industry. It will be loud, it will be full of vibrant colors, it will be long, and it will leave a lasting impression. Hundreds of shots and effects of multi-color shells, gold and silver sparkling lights, gold brocade crown shells and other effects coupled with chest-pounding titanium-salutes will be the magical ending of the grand display. The finale will be fired with multiple products and effects to cover every inch of sky. **90 seconds.**

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Shell Quantities and Descriptions

OPENING:

- 20 Three Inch Titanium Salutes with tails (some noise to get things going)
- 40 Three Inch Assorted Colors and Designs Shells
- 12 Four Inch Assorted Colors and Designs Shells

Total Aerial shells: 72 in 20 seconds

BODY OF PROGRAM:

- 324 Three Inch Assorted Colors and Design Shells (180 Flights of 3)
- 168 Four Inch Assorted Colors and Designs Shells (60 flights of 2)
- 108 Five Inch Assorted Colors and Designs Shells
- 90 Six Inch Assorted Colors and Designs Shells

Total Aerial Shells: 690 in 23 minutes (one firing every 3 seconds
many firings multiple shells)

GRAND FINALE:

- 40 Three Inch Titanium Salutes with Silver Tails (loud, thundering booms)
- 320 Three Inch Assorted Finale Shells
- 78 Four Inch Assorted Finale Shells
- 15 Five Inch Assorted Finale Shells

Total Aerial Shells: 453 in 90 seconds

TOTAL DURATION: 25 minutes

TOTAL SHELLS: 1,215

- Assorted Colors and Design refers to a wide assortment of shells produced by several premium manufacturers (see pages 8-14)



Pembroke Pines
July 3 - 4, 2024- Timeline

July 3

11:00 am- Crew arrives to site and begin setting racks

3:00 pm- Rack set-up complete and covered. Crew leaves site

July 4

8:00 am- Crew returns to site.

10:30 am- Product delivered, City performs inventory inspection.
Crew begins loading shells and wiring

7:00 pm- Wiring completed and continuity checks performed

9:00 pm- Fire display 25 minutes (music accompanied CD)

9:40 pm- Crew clears mortars of any unexploded ordinance

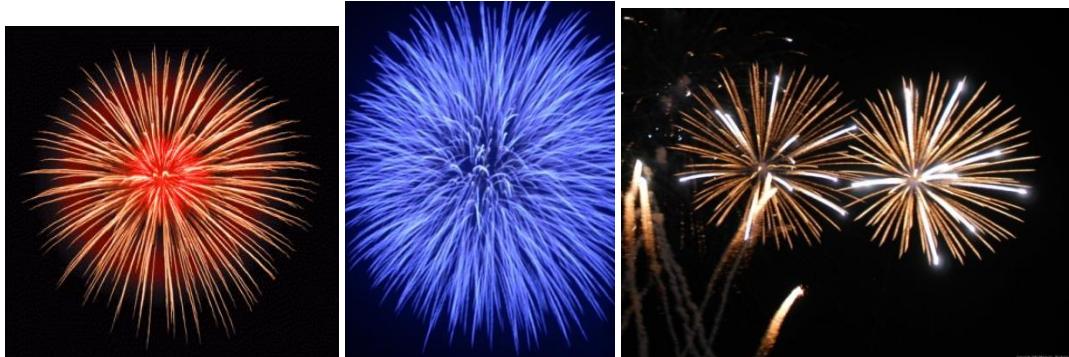
10:00 pm- Crew breaks down show and begins loading

12:30 am- Crew performs site inspection and departs site

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Chrysanthemums



Description: Typically a spherical break of colored stars that leave a trail or sparks behind. May include pistils (center multi break stars) or other features such as multi-colored, half and half, cracking, etc.

3" – 6" Shells Body

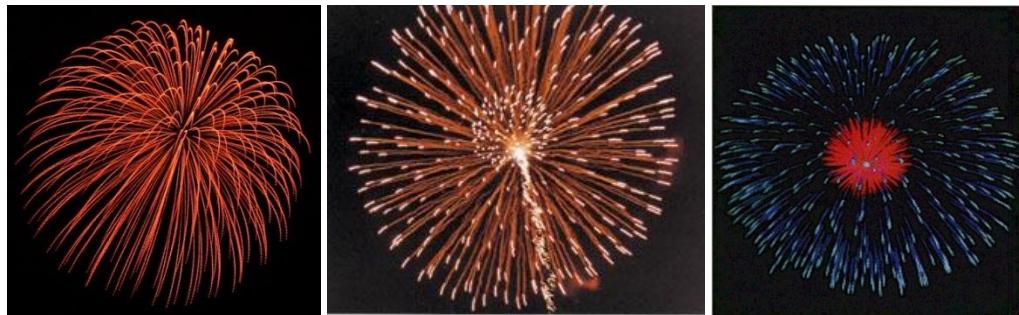
Red Chrys
Green Chrys
Yellow Chrys
Blooming Silvery Chrys
Blue Chrys
Red, White and Blue Chrys
Green to Purple Chrys
Varied Colorful Flowers
Multi-Color Chrys
Golden Chrys w/rising tails
Silver to Purple Chrys
Glittering Silver to Red Chrys
Purple Chrys with White Pistil
Red Chrys with white Pistil
Gold Wave to Red/Blue Chrys

Red to Blue Chyrs.
Silver to Green Chyrs.
Gold Chrys. w/ rising tails
Glitter Silver to Red Chrys
White Twinkling Chrys.
Spangle Chrys. w/rising tails
Orange Chrys. w/rising tails
Purple Chrys
Yellow Chrys
Silver Chrys w/rising tails
Silver to Green Chrys
Variegated Rainbow Chrys
Green Chrys with Green Pisitl
Silver and Gold Chrys
Multi-Color Chrys to Popping Flowers

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Peonies



Description: Typically a spherical break of colored stars that leave no trail or sparks behind. May include pistils (center multi break stars) or other features such as multi-colored, half and half, cracking, etc.

3" – 6" Shells Body

White Peony
Silver Wave to Purple Peony
Yellow Peony
Purple Peony w/Gold Palm
Variegated Peony (rainbow)
Red, White and Blue Peony
Silver to Red Peony
Orange Peony
Silver Wave to Blue Peony
Red to Silver Peony
Golden Peony
Red and Green Peony
Color Changing Peony
Popping Peony (Red)
Half Blue Half Red Peony
Half Green Half White Peony
Pink Peony
Green to Silver to Blue Peony

Blue Peony w/Blue Palm Tree.
Multi-Colored Peony
Green Peony w/Gold Palm Tree
Red to Blue Peony
White Peony w/Blue Pistil
Glittering Peony
Silver to Blue Peony
Half Green Half White Peony
Silver Wave to Purple Peony
Green to Purple Peony
Blue Peony w/titanium reports
Blue to Silver Peony
Sparkling Peony w/Pistil
Popping Peony (White)
Half White Half Red Peony
Golden Waves to Purple Peony
Brilliant Orange Peony
Red to White to Blue Peony

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Crossettes



Description: A crossette is a unique shell that breaks into 6 or 8 arms. Then, after some delay, those arms again break into multiple arms criss-crossing each other in a grid-like fashion throughout the sky. Larger caliber shells may even have a third break in all of the arms.

3" – 6" Shells Body

Blue Crossettes
Red to Blue Crossettes
Variegated Rainbow Crossettes
Crackling Crossettes
Red to Green Crossettes
Green to Purple Crossettes
Red Crossette Palm Tree
White Flitter Crossettes

Green to Blue Crossettes
Silver Crossettes
Purple and White Crossettes
Gold Crossettes w/rising tails
Green Crossette w/green Tails
Rainbow Crossettes w/red Tails
Blue Crossette Palm Tree
Silver Crossettes

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Duration/Lingering Effects (Willows, Brocades, Kamuros)



Description: A Long Duration/Lingering Effect is like a Chrysanthemum but burns slowly to the ground leaving a trail of aerial spark dust. These shells are many times gold or silver with various color tips, color changing, or have various colored centers. Zambelli uses many long duration effects at the end of finales to create a sky of gold or silver.

3" – 6" Shells Body

Twilight Glitter w/Purple
Brocade Crowns
Brocade Crown to Purple
Variegated Falling Leaves
Long Duration Kamuro
Pixie Dust Willows
White Poca Shells

Twilight Glitter w/Red
Long Duration Red Falling Leaves
Brocade Crown to Red
Purple Falling Leaves
Super Brocade Crowns
Ultra-Long Duration Gold Kamuro
Gold Poca Shells

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Dahlia



Description: A Dahlia shell is like a peony but uses dramatically larger and fewer stars to create brighter, wider trails of sparks through the air. They are typically very bold, defined colors used to mix up the pace of a show. They many times are also used in finales.

3" – 6" Shells Body

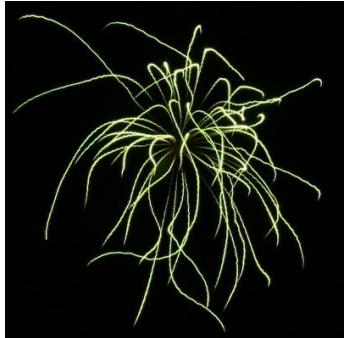
Assorted Color Dahlia
Green Dahlia w/Pistil
Yellow Dahlia w/Pistil
Pink Dahlia
Gold Strobe Dahlia
Red Strobe Dahlia
Variegated Dahlia
Purple and Red Dahlia

Blue Dahlias w/Pistil
Red Dahlia w/Pistil
Red and Blue Dahlia
Silver Dahlia
Blue Strobe Dahlia
Purple Strobe Dahlia
White Dahlia w/Purple Tips
White Dahlia w/Red Tips

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Specialty Shells



Description: There's a variety of specialty, premium shells that include horsetail willows, scattering stars, bees, falling leaves, Palm Trees and other unique designs and effects.

Body

3" – 6" Shells Body

Silver Bees
Horsetails
Large Silver Whirls (Serpents)
Trees of Many Colors
Peacock Feathers
Thousands of Gold Waves
Peacock Tails
Silver and Purple Strobes
Treasure Chests
Green Magnesium to Fast Strobe
Multi-Color Shell of Shells
Pink Blinker Shells (Spanish)
White Lightning Shells (Spanish)

Blue Bees
Aluminum King Shells
Blue and Red Spiders
Kaleidoscopes
Gold Sparkling Kamikazes
Thousands of Red Waves
Red, White, Blue Dragon Eggs
Popping Flowers
Red Shell of Shells
Green Shell of Shells
Tourbillion and Multi-Color
White Blinker Shells (Spanish)
Red Hearts with Farfellas (Spanish)

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Specialty Noise



Description: Noise shells come in many different types. The most popular are crackling, whistling or screamers, thousands of popping flowers, and the extremely loud titanium salutes.

3" – 6" Shells Body

Cracking Delight
Diamond Screamer Whistles
Crackling Double Rings
Crackling Coconut Trees
Twice Crackling Rain
Blue Crackling Flowers
Artillery Titanium
Gold Crackling Chrys

Serpents with Reports
Large Silver Screaming Whirls
White and Green Scattering
Blue Crackling Spiders
Tourbillion w/Reports
Green Crackling Flowers
Thundering Tourbillions
Whistles and Stars

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Proposed Launch Site



*Zambelli chooses to define the safe zone at 100' per inch of diameter of shell size which exceeds NFPA standards. This is done as an abundance of caution to help ensure that your viewing public is protected from fallout or mishap. Please take note of this adjustment as it is to your benefit and safety.