



**CITY OF KILLEEN**  
**APPLICATION FOR FIREWORKS PUBLIC DISPLAY PERMIT**

Name of Applicant: Magic Display Pyrotechnics

Address: 593 CR 4808

Telephone: 254-289-4791 Secondary #: \_\_\_\_\_

Applicant doing business as: ( ) Individual, (✓) Partnership, ( ) Corporation

DATE OF DISPLAY: 02 JUL 2022, Time: 9:20 PM to 9:45 PM

Location of Display (attach site plan): Community Center Park, Killeen, TX

Pyrotechnic operator licensed in Texas who will supervise the display:

Name: Mr. Joseph Strunz, License #: Texas FPO #2006642

Size and Number of Fireworks to be discharged: 12" (x2), 10" (x12), 8" (x20), 6" (x40), 5" (x60),  
4" (x80), 3" (x300), 1" to 2" Multi-Shot (25s to 600s) Display Cakes (x12).

Manner and place of storage of fireworks prior to and during the display: Enclosed security trailer at  
Community Center Park, Killeen, Texas.

Manufacturer of distributor licensed in Texas who is to supply the fireworks:

Name: Flying Phoenix Fireworks Corp, License #: 5-WY-013-51-1B-00321

Texas public Display permit number: Comes later by TDI State Fire Marshal Office

In applying for a fireworks public display permit, I certify that I am familiar with and will comply with Section 11-6 of the Killeen Code of Ordinances, Article 5.43-4 of the Texas Insurance Code, Chapter 591, of Title 27 of the Texas Administrative Code and NFPA 1123. I hereby authorize the Fire Marshall to enter, examine, and inspect any premises, building, room or establishment used in connection with the permit for which I am applying to determine compliance with the above provisions.

I understand that I must complete this application and return it to the City Manager's Office at least twenty-one (21) days in advance along with a diagram of the grounds on which the outdoor fireworks display is to be held showing the point at which the fireworks are to be discharged, the location of all buildings, highways and other lines of communication, the lines behind which the audience will be restrained, and the location of other possible overhead obstructions.

STRUNZ.JOSEPH.ANDREW. Digitally signed by  
1088963411 STRUNZ.JOSEPH.ANDREW.1088963411  
Date: 2022.03.04 15:17:30 -06'00'

Applicant's Signature

4 MAR 2022  
Date

Joseph Strunz, MDFX  
Printed Name



# TEXAS DEPARTMENT OF INSURANCE

## State Fire Marshal's Office (112-FM)

333 Guadalupe, Austin, Texas 78701 ★ PO Box 149221, Austin, Texas 78714-9221  
(512) 676-6800 | F: (512) 490-1063 | (800) 578-4677 | TDI.texas.gov | @TXSFMO

## APPLICATION FOR CLASS B FIREWORKS (FIREWORKS 1.3G) SINGULAR OR MULTIPLE DISPLAY PERMIT

This application must be accompanied by the appropriate fee and all documents and information required by Chapter 2154 of the Texas Occupations Code and the Fireworks Rules. Complete answers must be given to all questions.

Please print or type.

A public fireworks display permit may not be issued to any person who is under 21 years of age. Any fraudulent representation on this application shall be cause for denial, suspension, or revocation of a permit. All fees are non-refundable, except for overpayments resulting from mistakes of law or fact.

PERMIT			
CHECK ONE	TYPE OF PERMIT	PERMIT FEE	CODE
<input checked="" type="checkbox"/>	Singular Display Permit	\$50.00	570-07
<input type="checkbox"/>	Multiple Display Permit	\$400.00	570-08

APPLICANT			
NAME OF APPLICANT		Telephone No. <u>254-289-4791</u>	
<b>Magic Display Pyrotechnics FX</b>		Fax No. _____	
ADDRESS	CITY	STATE	ZIP
<b>593, CR 4808</b>	<b>Copperas Cove</b>	<b>TX</b>	<b>76522</b>
E-MAIL ADDRESS FOR NOTIFICATION PURPOSES (optional)		WEB SITE ADDRESS (optional)	
<a href="mailto:joe@magicdisplayfireworks.com">joe@magicdisplayfireworks.com</a>		<a href="http://www.magicdisplayfireworks.com">http://www.magicdisplayfireworks.com</a>	
Applicant doing business as (Check One)			
<input type="checkbox"/> Individual.	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/> Corporation	
Is the individual 21 years of age or older?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<input type="checkbox"/> Partnership.	Yes <input type="checkbox"/> No <input type="checkbox"/>	<input checked="" type="checkbox"/> Other – describe: <b>DBA</b>	
Is each partner 21 years of age or older?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
Federal employer's identification (FEI) number: <u>81-4046821</u>			

DISPLAY INFORMATION			
Date of display	<u>Saturday, 02 July 2022</u>	Time	<u>9:20 PM</u>
Alternate date of display	<u>Sunday, 03 July 2022</u>	Time	<u>9:20 PM</u>
Exact location description or address of display and/or alternate location for the display			
<b>City of Killeen</b> <b>"Community Center Park"</b> <b>2201 E Veterans Memorial Blvd, Killeen, TX 76543</b> <b>*Shoot Site GPS Grid Coordinates: 31.11062 N, -97.70933 W</b>			
Pyrotechnic operator licensed in Texas who will be at the display site to supervise the display:			
Name	<b>Joseph Strunz</b>	License number	<b>FPO-2006642</b>
Name		License number	
Name		License number	



<b>QUESTIONS</b>	
Size and estimated number of 1.3G fireworks to be discharged: <b>12" (x2), 10" (x8), 8" (x10), 6" (x40), 5" (x60), 4" (x80), 3" (x300), 1" to 2" Multi-Shot (25s to 600s) Display Cakes (x12).</b>	
Other items (1.4G fireworks, flame effects, set pieces, etc.) <b>Special Effects (FX) 2" Roman Candles (x6), mix of Comets, Mines, Meteors (x40).</b>	
Manner and address of storage of fireworks prior to and during the display <b>Storage magazine at 593, CR 4808, Coppers Cove, TX. Fireworks day of display is stored in double locked, covered trailer at display site and guarded at all times.</b>	
Manufacturer or distributor licensed in Texas who is to supply the fireworks: Name <b>Flying Phoenix Fireworks Corp.</b> License number <b>5-WY-013-51-1B-00321</b>	
<b>SIGNATURES</b>	
In applying for a fireworks permit, I certify that I am familiar with and will comply with Chapter 2154 of the Texas Occupations Code and the Fireworks Rules. I hereby authorize the state fire marshal or any of his duly authorized deputies, upon notice, to enter, examine, and inspect any premises, building, room, or establishment used in connection with the permit for which I am applying to determine compliance with the provisions of Chapter 2154 and the Fireworks Rules. By my signature, I verify that the information on this application and its attachments are true. I understand that knowingly providing a false answer to any question or submitting false information or documents with this application may be tampering with a governmental record which is punishable under the Texas Penal Code Chapter 37, §37.10.	
Printed name <b>Mr. Joseph Strunz</b>	Title <b>Magic Display Pyrotechnics FX Show Director</b>
Signature	Date <b>23 FEB 2022</b>
Printed name	Title
Signature	Date

**APPLICATIONS MUST BE SIGNED BY AN INDIVIDUAL APPLICANT, BY AN OFFICER OF A CORPORATION, BY THE SOLE PROPRIETOR, BY EACH PARTNER OF A GENERAL PARTNERSHIP, BY THE GENERAL PARTNER OF A LIMITED LIABILITY PARTNERSHIP OR BY AN OFFICER OR MEMBER OF A LIMITED LIABILITY COMPANY.**

**APPLICATIONS SUBMITTED BY A GOVERNMENTAL ENTITY MUST BE SIGNED BY THE APPROPRIATE OFFICER. FOR EXAMPLE, A CITY'S APPLICATION SHOULD BE SIGNED BY THE MAYOR, CITY MANAGER, CITY ADMINISTRATOR, CITY SECRETARY, ETC.**

Check or money order should be made payable to the TEXAS DEPARTMENT OF INSURANCE.

Mail this completed application along with the appropriate fee and additional documents to:

Mail Address:	State Fire Marshal's Office Mail Code 9999 P. O. Box 149221 Austin, TX 78714-9221 (512) 676-6808	Physical Address:	State Fire Marshal's Office 333 Guadalupe Austin, TX 78701 (512) 490-1056 www.tdi.texas.gov/fire
		Fax No.	
		Web Site Address:	

**NOTICE ABOUT CERTAIN INFORMATION LAWS AND PRACTICES**

*With few exceptions, you are entitled to be informed about the information that the Texas Department of Insurance (TDI) collects about you. Under sections 552.021 and 552.023 of the Texas Government Code, you have a right to review or receive copies of information about yourself, including private information. However, TDI may withhold information for reasons other than to protect your right to privacy. Under section 559.004 of the Texas Government Code, you are entitled to request that TDI correct information that TDI has about you that is incorrect. For more information about the procedure and costs for obtaining information from TDI or about the procedure for correcting information kept by TDI, please contact the Agency Counsel Section of TDI's General Counsel Division at (512) 676-6551 or visit the Corrections Procedure section of TDI's website at [www.tdi.texas.gov](http://www.tdi.texas.gov)*

## **SINGULAR OR MULTIPLE DISPLAY PERMIT SITE DIAGRAM/PLAN**

**Please make sure the below listed items are included on the site diagram**

**Address of display location**

**Show location of firing site**

**Show location of spectators**

**Show minimum secured area on all sides of firing site**

**Show method of restraint/security on all sides of firing site**

**Show location of health care, detention and correctional facilities. If there are no such facilities within the distance required by NFPA 1123, 1995 ed., please indicate such in a statement on the diagram.**

**Show location of school buildings and/or churches. If there are no buildings within 600 feet of the firing site, please indicate such in a statement on the diagram.**

**Show location of hazardous materials. If there are no hazardous materials within the distance required by NFPA 1123, 1995 ed., please indicate such in a statement on the diagram.**



## Texas Department of Insurance State Fire Marshal's Office

### Application for Class B Fireworks (Fireworks 1.3G) Singular or Multiple Display Permit Site Inspection Certification

1. Name of applicant **Magic Display Pyrotechnics SFX**  
 Address **593, CR 4808** Telephone **254-289-4791**  
 City **Copperas Cove** State **TX** Zip Code **76522**

2. Date of display **Saturday, 02 July 2021** Time **9:20 PM**  
 Alternate date of display **Sunday, 03 July 2021** Time **9:20 PM**

3. Location and/or alternate location for the display \_\_\_\_\_

**City of Killeen, "Community Center Park"**  
**2201 E Veterans Memorial Blvd, Killeen, TX 76543**  
**\*Shoot Site GPS Grid Coordinates: 31.11062 N, -97.70933 W**

4. As the fire prevention officer, I approve of the display site and have reviewed the site diagram. ☒ Yes ☐ No

5. I approve of the location and manner for storage of display fireworks before and during the display. ☒ Yes ☐ No

6. I approve of the potential landing area for fireworks debris. ☒ Yes ☐ No

7. The display is to be conducted in compliance with TX Occupations Code, Regulation of Fireworks & Fireworks Displays and the Fireworks Rules. ☒ Yes ☐ No

8. My approval is subject to the following conditions.

List conditions, if applicable, or indicate "None" \_\_\_\_\_

9. As the appropriate fire prevention officer, I have inspected the display site(s) to determine whether this proposed display is of a nature or in a location that may be hazardous to property or dangerous to any person. This form is my notice to the state fire marshal of the results of the inspection as required in Sec. 2154.206, Chapter 2154, Texas Occupations Code.

Signature of fire prevention officer \_\_\_\_\_ Date \_\_\_\_\_

Printed name of fire prevention officer **James Kubinski** Title **Fire Chief**

Department **Fire Department, City of Killeen TX** Telephone No. **254-501-7671**

Email address: **jkubinski@killeentexas.gov** Mobile Phone No. \_\_\_\_\_

Telephone No. (512) 676-6808  
 Fax No. (512) 490-1056  
 Web Site Address [www.tdi.texas.gov/fire](http://www.tdi.texas.gov/fire)

## APPLICATION FOR CLASS B FIREWORKS (FIREWORKS 1.3G) SINGULAR OR MULTIPLE DISPLAY PERMIT

### APPLICANTS FOR A SINGULAR OR MULTIPLE DISPLAY PERMIT MUST SUBMIT THE FOLLOWING:

1. An application for a singular or multiple display permit.
2. A certificate of general liability insurance.

### ITEMS TO BE INCLUDED ON INSURANCE CERTIFICATES:

1. The name of the insurer and the policy number.
2. The name of the insured, which must be the same name as on the display application.
3. Effective dates (or days) of the policy.
4. The amount of coverage must not be less than \$500,000. The policy shall be conditioned to pay those sums the insured becomes obligated to pay as damages because of bodily injury and property damage caused by an occurrence involving the insured or the insured's servant, officer, agent, or employee in the conduct of a public fireworks display.
5. The words "fireworks display" and the dates(s) of the display should appear under description of operations on the certificate. Any alternate date(s) should also be included.
6. The State Fire Marshal's Office should be listed as the certificate holder.
7. Must be issued by an insurer authorized to do business in Texas and countersigned by an insurance agent licensed in Texas.

ADDITIONAL DOCUMENTS			
If you are a <b>Texas or Foreign Corporation</b> submit the following	If you are a <b>Sole Proprietorship or General Partnership</b> submit the following:	If you are a <b>Texas or Foreign Limited Partnership</b> submit the following	If you are a <b>Texas or Foreign Limited Liability Company</b> submit the following
Certificate of general liability insurance	Certificate of general liability insurance	Certificate of general liability insurance	Certificate of general liability insurance
Corporate Charter, Certificate of Existence, or Certificate of Authority issued by the Texas Secretary of State		Certificate of Limited Partnership, Registration Application for Foreign Limited Partnership	Certificate of Organization, or Certificate of Authority issued by the Texas Secretary of State
Franchise Tax Account Status must be ACTIVE with the TX Comptroller of Public Accounts		Franchise Tax Account Status must be ACTIVE with the TX Comptroller of Public Accounts	Franchise Tax Account Status must be ACTIVE with the TX Comptroller of Public Accounts
Assumed Name Certificate from Texas Secretary of State (if using a d/b/a)	Assumed Name Certificate from your County Clerk (if using a d/b/a)	Assumed Name Certificate from Texas Secretary of State (if using a d/b/a)	Assumed Name Certificate from Texas Secretary of State (if using a d/b/a)

Texas Secretary of State: (512) 463-5578

Texas Comptroller of Public Accounts (800) 252-1386





# 4<sup>th</sup> July Pyrotechnics Display

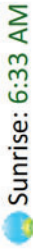
Community Center Park, City of Killeen, 02 July 2021

Pyromusical Site Survey Plan



Update  
23 February 2022

Launch DTG: 9:20 PM, Saturday, 02 JUL 2021



Sunrise: 6:33 AM  
Sunset: 8:40 PM

Grid Coordinates: 31.11062 N, -97.70933 W

## Authority Having Jurisdiction (AHJ)

Name: James Kubinski  
Title: Fire Chief, City of Killeen, TX  
Telephone: 254-501-7671

Signature: \_\_\_\_\_

Approved \_\_\_\_\_ Disapproved, Date: \_\_\_\_\_

City Leadership Intent: Majority of spectators are mainly 1.3 miles away downtown Killeen attending the festival. City of Killeen is trying to promote downtown growth for businesses and festivals. That's the reason for larger shells so viewers can spectate display from any location in the city. \*Community Park is closed to accomplish leadership strategy.

Expected Wind  
Direction



## IAW NFPA 1123 Regulations

- No health care facility within 600' ft.
- No schools within 600' ft.
- No hazmat within 800' ft.

Anticipated  
Smoke & Debris  
North, Northwest

## Legend

- Road Block
- Display Site
- Pyro (enclosed trailer)
- FD
- PD
- Fire Department
- Police Department

## Shell Performance Table (NFPA 1123 - 70' x Diameter)

Shell	Safety	Altitude	Burst
1"	70'	50'	25'
2"	140'	164'	43'
3"	210'	263'	66'
4"	280'	328'	98'
5"	350'	410'	148'
6"	420'	492'	197'
8"	560'	656'	361'
10"	700'	820'	426'
12"	840'	984'	492'
16"	1,120'	1,050'	984'

Spectator  
Zone #1

Spectator  
Zone #2

Killeen Community  
Center - Softball Fields

Andy R. Wells Hike  
And Bike Trail

Community Center  
Park Amphitheater

Texas Thrift Store





U.S. Department  
of Transportation

Central Service Center  
Operations Support Group

10101 Hillwood Pkwy  
Fort Worth, TX 76177

## **FIREWORKS DISPLAY NOTIFICATION**

**Company Name:** Magic Display Pyrotechnics FX

**Email Address of Person Submitting Notification:** joe@magicdisplayfireworks.com

**Event Name:** City of Killeen Texas 4th of July Celebration

**On-site Contact:** Mr. Joseph Strunz, Magic Display FX

**Display Date:** Saturday, 02 JUL 2022 **Rain Date:** Sunday, 03 JUL 2022

**Display Start Time:** 9:20 PM

**Duration of Fireworks Display:** 9:40 PM

**Max Height of Fireworks:** 1,000' feet

**Address City and State:** Community Center Park, City of Killeen, Texas  
2201 E Veterans Memorial Blvd, Killeen, TX 76543

**Latitude:** 31.11062 N **(North)** **Longitude:** -97.70933 W **(West)**

**List the closest public use airport within 5 Nautical Miles of the display if the fireworks will reach or exceed 500 ft.** \_\_\_\_\_

#1. Killeen Skylark Airfield private airport (2 mi),

#2. Fort Hood Army Airfield (1.3 mi)

#3. Killeen-Fort Hood Regional Airport, Robert Gray (7.3 mi)

**Special Notes:** Commercial Pyrotechnics Public Display.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Email to:** [9-ASW-Operations-Support-Fireworks@faa.gov](mailto:9-ASW-Operations-Support-Fireworks@faa.gov)



# FAA NOTAM

Killeen – Fort Hood  
Regional Airport



7 Miles

1,476' ft

4<sup>th</sup> July Display  
Community Park  
City of Killeen  
Time: 9:20 PM  
Date: 2 JUL 2022

Killeen

1,3 Miles

FIREWORKS LAUNCH SITE  
(Community Park) Killeen  
31.11062 N, -97.70933 W

2 Miles

Skylark Field Airport



Hood Army Airfield



Shell Performance Table  
(NFPA 1123 - 70' x Diameter)

Shell	Safety	Altitude	Burst
1"	70'	50'	25'
2"	140'	164'	43'
3"	210'	263'	66'
4"	280'	328'	98'
5"	350'	410'	148'
6"	420'	492'	197'
8"	560'	656'	361'
10"	700'	820'	426'
12"	840'	984'	492'
16"	1,120'	1,050'	984'





### **HEALTH, SAFETY AND ENVIRONMENT STATEMENT**

MDFX (Magic Display FX) is a small all veteran company with service members that have experience when it comes to safety, health and environment. Solving customer challenges is second only to keeping everyone safe and healthy. We won't compromise our focus on health, safety and environment for better business results. Our commitment to safety will minimize the impact on the environment, control risks to our employees, and maintain safe work practices. Our dedication will match our commitment so that each MDFX employee takes personal ownership of their own safety and the safety of others.

Turning our commitments into practice is at the heart of our journey to ZERO. Simply stated, it's a concerted effort to achieve ZERO health, safety and environmental incidents every day, all the time. Our ZERO goal is to make it happen around the clock, everywhere.

MDFX will continue to keep its strategic focus on these key Health, Safety and Environment areas:

- Effective leadership and commitment
- Continuous improvement of our MDFX Management System
- Training and competency of our employee workforce
- Providing mechanisms for employees to communicate and address risk
- Continuous improvement of technology and processes to mitigate HSE impact
- Verification of performance through robust audits and communication of key findings





### CERTIFICATIONS & LICENSES

MDFX (Magic Display FX) is proud to be federal and state trained, certified, licensed and insured in several explosive categories and have memberships with leading industry organizations qualified to conduct indoor, outdoor land or water pyrotechnic operations for public displays, special effects and flame productions.



Texas State Certifications & Licenses						
Permit Type	Pyrotechnic Type			Operations		
	Fireworks 1.3G	Fireworks 1.4G, 1.4S	Flame Effects	Assembles Displays	Conducts Displays	Supervises Displays
FPO - Pyrotechnics	✓	✓	✓	✓	✓	✓
SEO - Special Effects	✓✓	✓✓	✓✓	✓	✓	✓
FEO - Flame Effects	✓	✓	✓	✓	✓	✓

✓✓ Using Fireworks 1.3G or Fireworks 1.4G where audiences are closer to pyrotechnic devices than permitted by NFPA 1123 Code of Fireworks Display.

Federal Certifications & Licenses		
Permit Type	U.S. DOJ BATFE Federal Explosives License (FEL)	U.S. DOJ BATFE Federal Security Clearance (FSC)
Explosives	✓	✓



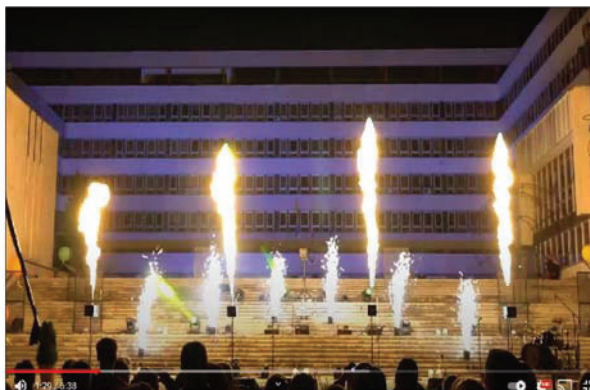
### Firework Displays – Theme Parks, 4<sup>th</sup> July, Festivals, Special Events



### Special Effects – Stage Production for Close Proximity Audiences (Indoor/Outdoor Concerts, Theaters, Television Studios, Movies)



### Flame Effects – Stage Production for Close Proximity Audiences (Indoor/Outdoor Concerts, Theaters, Television Studios, Movies)







**Issued To:**

**Strunz, Joseph**  
593 COUNTY ROAD 4808  
COPPERAS COVE TX 76522-6300

License Number

**FPO-2006642**

Expiration Date: 06-03-2022

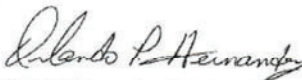
EFFECTIVE DATE: 06-03-2015

**FIREWORKS PYROTECHNIC OPERATOR'S LICENSE**

TEXAS DEPARTMENT OF INSURANCE  
STATE FIRE MARSHAL'S OFFICE

DATE ISSUED: April 26, 2021



  
Orlando P. Hernandez, State Fire Marshal

SF081|1119

**Issued To:**

**Strunz, Joseph Andrew**  
593 COUNTY ROAD 4808  
COPPERAS COVE TX 76522-6300

License Number

**SEO-2661479**

Expiration Date: 04-26-2022

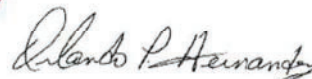
EFFECTIVE DATE: 04-26-2021

**FIREWORKS SPECIAL EFFECTS OPERATOR'S LICENSE**

TEXAS DEPARTMENT OF INSURANCE  
STATE FIRE MARSHAL'S OFFICE

DATE ISSUED: April 26, 2021



  
Orlando P. Hernandez, State Fire Marshal

SF081|1119

**Issued To:**

**Strunz, Joseph Andrew**  
593 COUNTY ROAD 4808  
COPPERAS COVE TX 76522-6300

License Number

**FEO-2661474**

Expiration Date: 04-26-2022

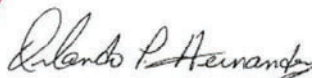
EFFECTIVE DATE: 04-26-2021

**FIREWORKS FLAME EFFECTS OPERATOR'S LICENSE**

TEXAS DEPARTMENT OF INSURANCE  
STATE FIRE MARSHAL'S OFFICE

DATE ISSUED: April 26, 2021



  
Orlando P. Hernandez, State Fire Marshal

SF081|1119





U.S. Department of Justice  
Bureau of Alcohol, Tobacco, Firearms and Explosives  
Federal Explosives Licensing Center  
244 Needy Road  
Martinsburg, West Virginia 25405

901090: CRR/FLS  
5400  
File Number: **5TX01779**

06/04/2020

SUBJECT: **RESPONSIBLE PERSON LETTER OF CLEARANCE** for:

**JOSEPH ANDREW STRUNZ**

OWNER USER  
(254)289-4791

593 CR 4808  
COPPERAS COVE, TX 76522

**and is ONLY valid under the following Federal explosives license/permit:**

5-TX-099-54-3H-01779

STRUNZ, JOSEPH  
593 COUNTY ROAD 4808  
COPPERAS COVE, TX 76522

Dear JOSEPH STRUNZ:

You have been approved as a responsible person under the above-listed Federal explosive license or permit. You may lawfully direct the management or policies of the business or operations as they pertain to explosives. You may also lawfully transport, ship, receive or possess explosive materials incident to your duties as a responsible person. **This clearance is only valid under the license or permit referenced above.**

Sincerely,

Christopher R. Reeves  
Chief, Federal Explosives Licensing Center (FELC)

**FELC Customer Service.** If you believe that information on your "Letter of Clearance" is incorrect, please return a COPY of the letter to the Chief, Federal Explosives Licensing Center (FELC), with a statement showing the nature of the error. The Chief, FELC, shall correct the error, and return an amended letter to you.

**Mail:** ATF  
Chief, FELC  
Attn.: LOC Correction  
244 Needy Road  
Martinsburg, West Virginia 25405

**Fax:** 1-304-616-4401  
Chief, FELC  
Attn.: LOC Correction

**Call toll-free:** 1-877-283-3352

JOSEPH ANDREW STRUNZ

Responsible Person Letter of Clearance for:

5TX01779-R-06/04/2020-STRUNZ,JOSEPH-ANDREW-OWNER USER

**WWW.ATF.GOV**



U.S. Department of Justice  
Bureau of Alcohol, Tobacco, Firearms and Explosives

## Federal Explosives License/Permit (18 U.S.C. Chapter 40)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555), you may engage in the activity specified in this license or permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 555.53.** See "WARNINGS" and "NOTICES" on reverse.

Direct ATF ATF - Chief, FELC  
Correspondence To 244 Needy Road  
Martinsburg, WV 25405-9431

License/Permit  
Number **5-TX-099-54-3H-01779**

Chief, Federal Explosives Licensing Center (FELC)

*Christopher R. Reers*

Expiration  
Date **August 1, 2023**

Name  
STRUNZ, JOSEPH

Premises Address (Changes? Notify the FELC at least 10 days before the move.)

**593 COUNTY ROAD 4808  
COPPERAS COVE, TX 76522-**

Type of License or Permit

**54-USER OF EXPLOSIVES**

### Purchasing Certification Statement

The licensee or permittee named above shall use a copy of this license or permit to assist a transfer of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. The signature on each copy must be an original signature. A faxed, scanned or e-mailed copy of the license or permit with a signature intended to be an original signature is acceptable. The signature must be that of the Federal Explosives Licensee (FEL) or a responsible person of the FEL. I certify that this is a true copy of a license or permit issued to the licensee or permittee named above to engage in the business or operations specified above under "Type of License or Permit."

Mailing Address (Changes? Notify the FELC of any changes.)

STRUNZ, JOSEPH  
593 COUNTY ROAD 4808  
COPPERAS COVE, TX 76522-

Licensee/Permittee Responsible Person Signature

*Joseph A Strunz*

Printed Name

*OWNER*  
Position Title

*11 June 2020*  
Date

Previous Edition is Obsolete

STRUNZ, JOSEPH 593 COUNTY ROAD 4808 76522-5 TX-099-54-3H-01779 August 1, 2023-54 USER OF EXPLOSIVES

ATF Form 5400.14/5400.15 Part I  
Revised October 2011

### Federal Explosives License (FEL) Customer Service Information

Federal Explosives Licensing Center (FELC)  
244 Needy Road  
Martinsburg, WV 25405-9431

Toll-free Telephone Number: (877) 283-3352  
Fax Number: (304) 616-4401  
E-mail: FELC@atf.gov

ATF Homepage: [www.atf.gov](http://www.atf.gov)

**Change of Address** (27 CFR 555.54(a)(1)). Licensees or permittees may during the term of their current license or permit remove their business or operations to a new location at which they intend regularly to carry on such business or operations. The licensee or permittee is required to give notification of the new location of the business or operations not less than 10 days prior to such removal with the Chief, Federal Explosives Licensing Center. The license or permit will be valid for the remainder of the term of the original license or permit. (The Chief, FELC, shall, if the licensee or permittee is not qualified, refer the request for amended license or permit to the Director of Industry Operations for denial in accordance with § 555.54.)

**Right of Succession** (27 CFR 555.59). (a) Certain persons other than the licensee or permittee may secure the right to carry on the same explosive materials business or operations at the same address shown on, and for the remainder of the term of, a current license or permit. Such persons are: (1) The surviving spouse or child, or executor, administrator, or other legal representative of a deceased licensee or permittee; and (2) A receiver or trustee in bankruptcy, or an assignee for benefit of creditors. (b) In order to secure the right provided by this section, the person or persons continuing the business or operations shall furnish the license or permit for that business or operations for endorsement of such succession to the Chief, FELC, within 30 days from the date on which the successor begins to carry on the business or operations.

(Continued on reverse side)

Cut Here ><

Federal Explosives License/Permit (FEL) Information Card	
License/Permit Name:	STRUNZ, JOSEPH
Business Name:	MAGIC DISPLAY FX
License/Permit Number:	5-TX-099-54-3H-01779
License/Permit Type:	54-USER OF EXPLOSIVES
Expiration:	August 1, 2023
Please Note: Not Valid for the Sale or Other Disposition of Explosives.	





U.S. Department of Justice  
Bureau of Alcohol, Tobacco, Firearms and Explosives  
Federal Explosives Licensing Center (FELC)  
www.atf.gov

Federal Explosives Licensing Center  
244 Needy Road  
Martinsburg, West Virginia 25405  
telephone: (877)283-3352 fax: (304)616-4401

06/04/2020

## NOTICE OF CLEARANCE

### for individuals transporting, shipping, receiving, or possessing explosive materials.

ISSUED TO: STRUNZ, JOSEPH

Federal Explosives license/permit no.: 5-TX-099-54-3H-01779

NOTICE DATE: 06/04/2020

Expiration Date: **August 1, 2023**

Explosives License/Permit Type: 54-USER OF EXPLOSIVES

EXPIRATION DATE: This Notice expires when superseded by a newer Notice which will list all current responsible persons and employee possessors, or when the license or permit expires - whichever comes first.

- 1 **WARNING.** Only those individuals listed below as **RESPONSIBLE PERSONS** and **EMPLOYEE POSSESSORS** with a background clearance status of "CLEARED" or "PENDING" are authorized to transport, ship, receive, or possess explosive materials in the course of employment with you.
- 2 **"DENIED" STATUS.** If an employee possessor has a background clearance status of "DENIED", you **MUST** take immediate steps to remove the employee from a position requiring the transporting, shipping, receiving, or possessing of explosive materials. Also, if the employee has been listed as a person authorized to accept delivery of explosive materials, you **MUST** remove the employee from such list and immediately, and in no event later than the second business day after such change, notify distributors of such change, as stated in 27 CFR 555.33(a).
- 3 **CHANGE IN RESPONSIBLE PERSONS.** You **MUST** report any change in responsible persons to the Chief, Federal Explosives Licensing Center, within 30 days of the change and new responsible persons **MUST** include "appropriate identifying information" as defined in 27 CFR 555.11. Fingerprints and photos are **NOT** required, however they will be required upon renewal of the license or permit.
- 4 **CHANGE OF EMPLOYEES.** You **MUST** report any change of employee/possessors to the Chief, FELC, within 30 days. Reports relating to newly hired employees must be submitted on ATF Form 5400.28 for **EACH** employee.

Premises Address: 593 COUNTY ROAD 4808  
COPPERAS COVE, TX 76522

**Mailing Address:**

STRUNZ, JOSEPH  
593 COUNTY ROAD 4808  
COPPERAS COVE, TX 76522

This 'Notice of Clearance' is provided to you as required by 18 U.S.C. 843(h) and **MUST** be retained as part of your permanent records and be made available for examination or inspection by ATF officers as required by 27 CFR 555.121. If you receive a Notice subsequent to this Notice, this Notice will no longer be valid.

In accordance with 27 CFR 555.33, Background Checks and Clearances, and 27 CFR 555.57, Change of Control, Change in Responsible Persons, and Change of Employees, ATF's Federal Explosives Licensing Center (FELC) has conducted background checks on the individual(s) you identified as a responsible person(s) and an employee/possessor(s) on your application, or reported after the issuance of your license/permit.

The following is a SUMMARY of the results of the background checks conducted on the individuals you reported as responsible persons and employee/possessors. ATF will be notifying ALL individuals listed on this document of their respective status by separate letter mailed to their residence address.

### PLEASE BE ADVISED THAT IT IS UNLAWFUL FOR ANY PERSON REFLECTING A STATUS OF "DENIED" TO TRANSPORT, SHIP, RECEIVE, OR POSSESS EXPLOSIVE MATERIALS.

Please carefully review this Notice to ensure that all the information is accurate. If this Notice is incorrect, please return the Notice to the Chief, FELC, with a statement showing the nature of the error(s). The Chief, FELC, shall correct the error, and return a corrected Notice.

Number of RESPONSIBLE PERSON(S) : 1  
Number of EMPLOYEE POSSESSOR(S): 0

continued

LAST NAME, First Name, Middle Name Clearance Status

LAST NAME, First Name, Middle Name Clearance Status

**RESPONSIBLE PERSONS:**

1

0001 STRUNZ, JOSEPH ANDREW

Cleared

**EMPLOYEE POSSESSORS:**

0





### **SEVERE WEATHER OPERATIONAL PROCEDURES**

*(Severe weather includes blizzards, thunderstorms, high winds, large hail or tornados)*

MDFX (Magic Display FX) will maintain operational control of all display sites during severe weather through the following procedures. These procedures are compatible with Magic Display BATFE (Bureau of Alcohol, Tobacco, Fire Arms and Explosives) and DHS (Department of Homeland Security) Hazardous Materials Security Plan and are designed to prevent unauthorized access to 1.3G and 1.4G explosives materials.

#### **Severe Wind Conditions (Tornado Category F1+; Hurricane C1+)**

##### ***Reference NFPA 2010 8.1.4.2; 8.1.7***

- When there is emanate threat of severe wind conditions, operator will as practical, secure all firing equipment and remove all explosive material from the site for storage in an BATFE approved Type IV magazine.
- If energetic material has been loaded for firing, operator will:
  - If safely possible, remove all explosive material from the site for storage in an approved Type IV magazine
  - If time does not allow for safe removal, operator will coordinate with the AHJ to fire all product before the onset of severe winds to prevent explosive materials from being uncontrollable blown from the display site.

### Rain Conditions

- Operator will ensure that loading continues in a safe manner  
(Reference NFPA 2010 8.1.7)
  - Product shall not be loaded into wet mortars
  - All product shall be weather wrapped as loaded
  - Proximate devices including one shot comets, gerbs, fountains, SPD's and other effects that by their design, are not able to be wrapped shall not be loaded.
  - Crew shall work in teams with one member loading devices while the other member covers and protects from rain.

### Electrical Events

- When lightning is detected within 7 miles of the display site all loading shall halt until conditions improve
  - Operator shall disconnect the firing system from all electrical connections
  - All Modules shall be turned off and antenna receivers folded down
  - All electrical matches shall be stored in wooden case/ready box at least 50 feet from all explosive materials
  - Operator shall keep crew at least 50 feet from all loaded explosives and maintain NFPA spectator distances of at least 70 feet per inch until the material is:
    - Safely removed from the site for storage in an approved Type IV magazine
    - Fired in coordination with the AHJ
    - In the event of uncontrolled electrical ignition
    - Operator will maintain operational control of site
    - Increase the safety distances as warranted
    - Immediately notify MDFX Director of Operations for implementation of **Occurrence Mitigation Plan**

### Extreme Temperature

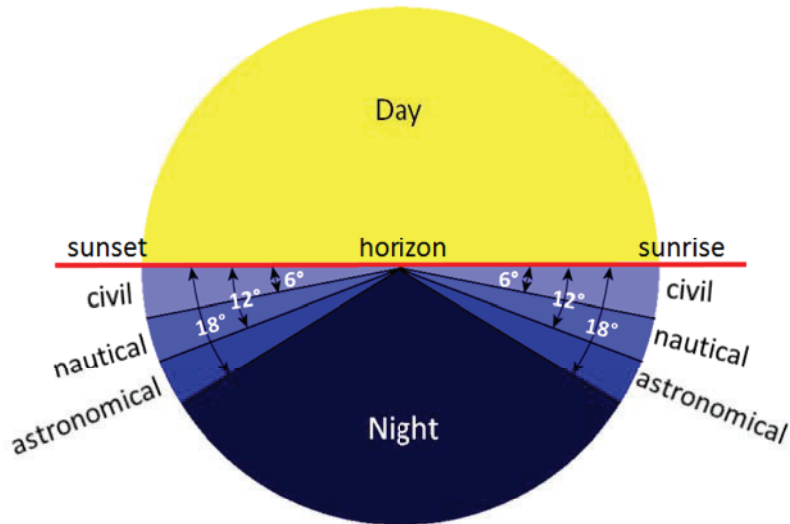
- When temperatures exceed 110° F or are below 28° F loading of the show will be discontinued until conditions return to safe loading temperature range.

### High Wind Speeds During Show (15+ MPH Sustained) Reference NFPA 2010 A.8.1.4.2

- In considering when wind speed is excessive for the reasonably safe performance of a fireworks display, operator will judge:
  - The potential for an increased risk of hazardous debris from the display falling into the spectator areas
  - The potential for an increased probability of fire that is made excessively difficult to control
- An increased fallout hazard occurs when the wind is traveling in a direction toward one or more spectator areas. Under these circumstances mitigation strategies that should be considered are as follows:
  - To move the spectators out of the path of the fallout
  - To redirect the fallout by moving the fireworks or re-angling the mortars
  - To increase the separation distance between the fireworks and the spectators
  - To modify the content of the display to eliminate the fireworks of greatest concern
  - To delay the display until the weather conditions have improved



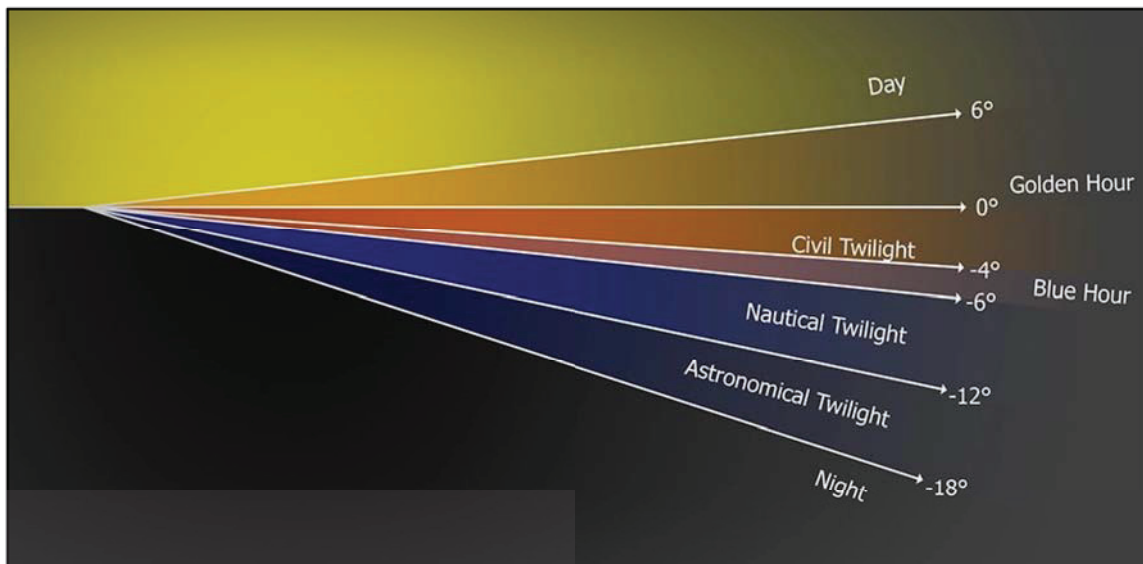
- To implement a combination of these strategies
- Some possible mitigation strategies to be considered regarding fire risks are as follows:
  - To water down the areas and items of concern immediately before the display
  - To redirect the fallout by moving the fireworks or re-angling the mortars
  - To increase the separation distance between the fireworks and the areas containing the fire hazards
  - To modify the content of the display to eliminate the fireworks of greatest concern
  - To increase the amount of suppression equipment and personnel in the immediate area
  - To delay the display until weather conditions have improved
  - Show will be discontinued or cancelled if winds exceed 20 MPH sustained or during gusts above 25 MPH
  - NFPA safety distance will assume to be double at 20 MPH causing the operator to cut the permissible shell diameter in half until winds stabilize below 20 MPH



DISPLAY TIME ZONE TABLE

**EARLIEST TIME:** for public displays is at the end of *Nautical Twilight* and start of *Astronomical Twilight* usually 9:15 or 9:20 PM during Spring/Summer months.

**BEST TIME:** for maximum visual effects, best time to start display is the "sweet spot", which is end of *Astronomical Twilight* and start of *Night*, usually 9:30 PM.

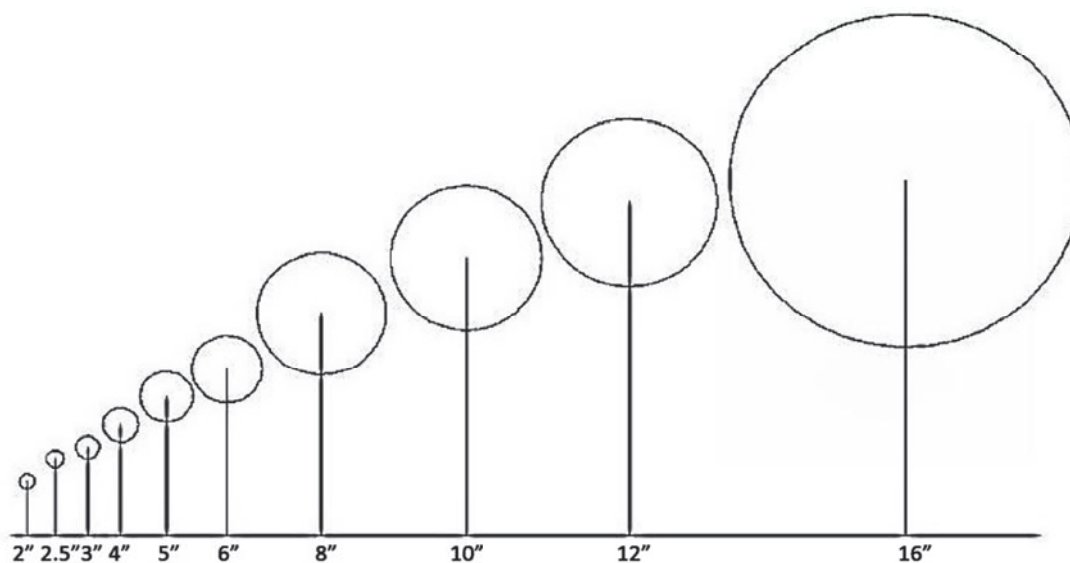






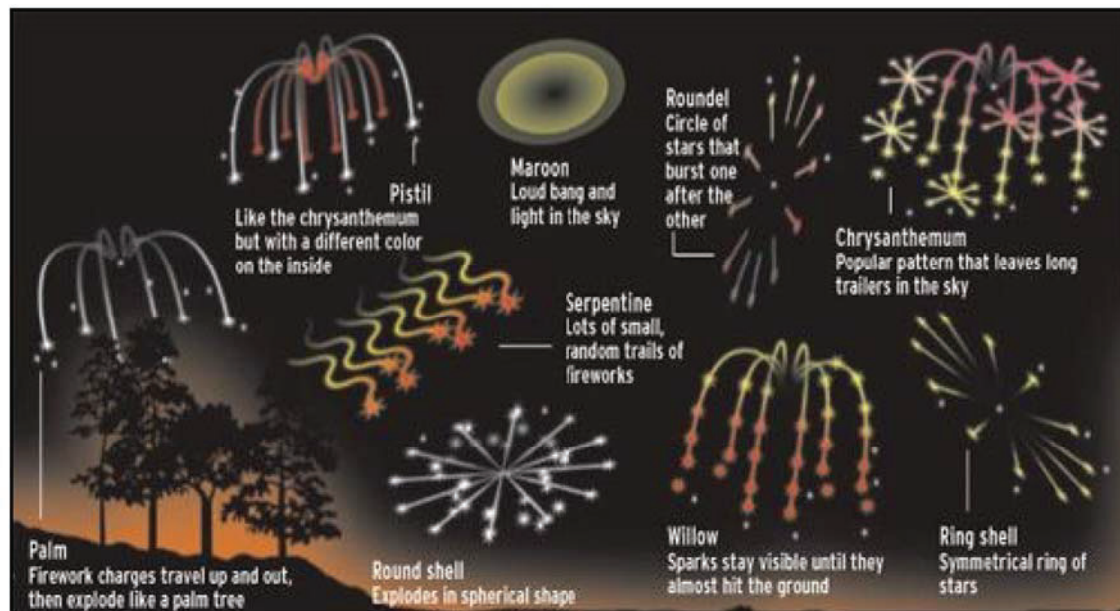
**TYPICAL 1.3G AERIAL SHELL PERFORMANCE TABLE**

BURST DIAMETER	43' 49' 66' 98' 148' 197'	361'	426'	492'	984'
RISING HEIGHT	164' 230' 263' 328' 410' 492'	656'	820'	984'	1,050'


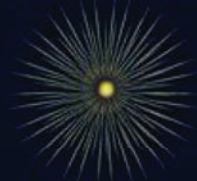





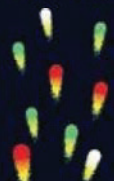










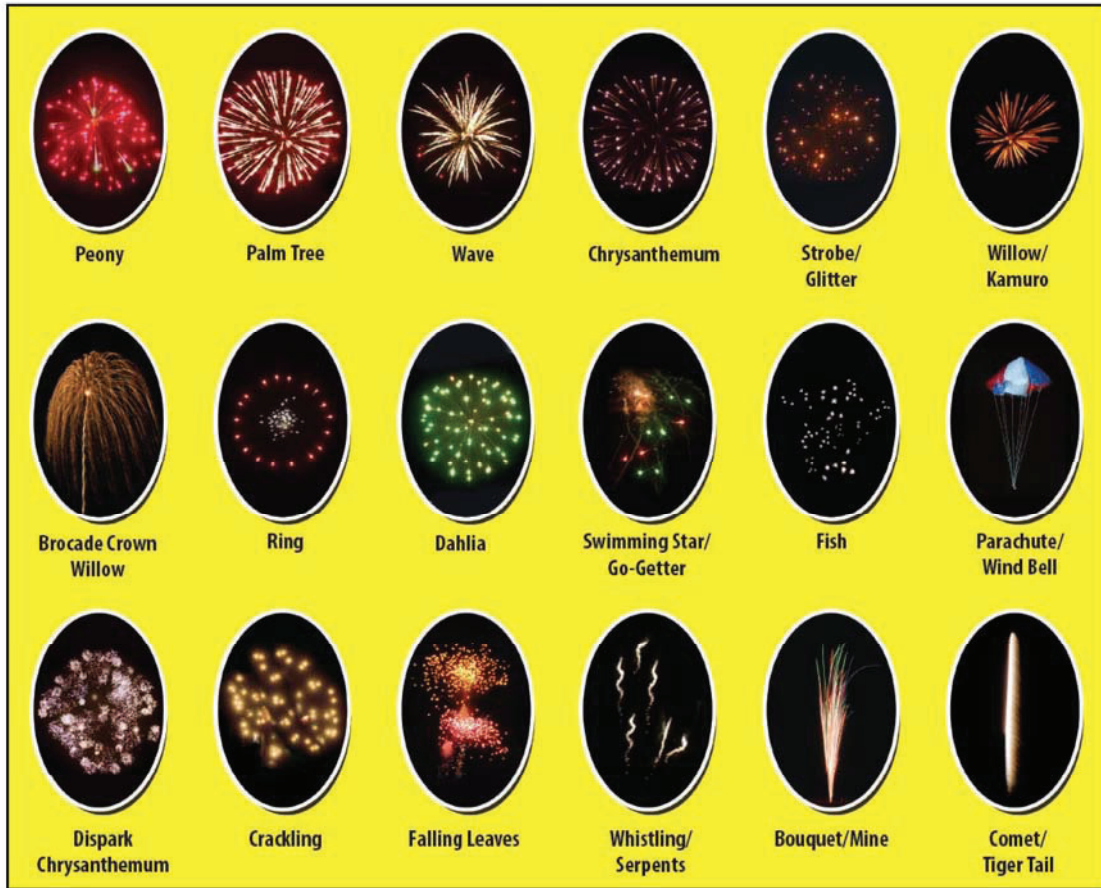


## SHELL & SPECIALTY EFFECTS GUIDE





<p><b>Brocade</b></p>  <p>Common term that describes an effect of woven gold clusters usually bound together within a star burst.</p>	<p><b>Chrysanthemum</b></p>  <p>A perfectly spherical burst of tailed stars, very much like the flower it represents.</p>	<p><b>Comet</b></p>  <p>A star or other projectile which leaves a glittering, persistent trail behind it.</p>	<p><b>Crossette</b></p>  <p>A set of stars that each split into four or five stars and leave a trail as they map the skies.</p>
<p><b>Green Bees</b></p>  <p>A swarm or cluster of points of light that move and dissipate under their own power. Similar to Fish but less vigorous and generally less persistent.</p>	<p><b>Glitter</b></p>  <p>A constant spray of strobing glitter effect usually referring to cones and fountains</p>	<p><b>Palm</b></p>  <p>Bright arms of cascading, long lasting stars, shaped to permeate outward like the branches of a palm tree, usually made up of gold or silver stars.</p>	<p><b>Pearls</b></p>  <p>A set of bright glowing stars that do not leave a trail but silently rise and dissolve into the heavens.</p>
<p><b>Peony</b></p>  <p>Well used term to describe a perfect expanding sphere to stars that usually change colour as they burst outwards.</p>	<p><b>Pistil</b></p>  <p>A central effect sometimes palm like that can be added to a Peony or Chrysanthemum for bigger impact.</p>	<p><b>Silver Fish</b></p>  <p>Invariably silver and preceded by a beautiful blue tracer star, they wriggle and swim away from the centre in a silently mesmeric dance.</p>	<p><b>Spinner</b></p>  <p>An aerial effect that is usually accompanied by a whirling sound as the stars spin and whirl individually and synchronised to others.</p>
<p><b>Stars</b></p>  <p>A glowing, flaming ball of coloured light or colourless crackle that can rise on their own or burst into variegated mini star-shells.</p>	<p><b>Strobe</b></p>  <p>An effect that flickers and flashes in the sky like a gallery of flash bulbs.</p>	<p><b>Tail</b></p>  <p>The comet like trail that is left behind the star.</p>	<p><b>Willow or Falling Leaves</b></p>  <p>A star burst where all the stars "fall" out of the rocket or star-shell and gently drift down to earth to give a delightful effect, best in gold.</p>





# Certificate of Insurance

31522

Issue Date: 3/29/2022

**PRODUCER**  
Professional Program Insurance Brokerage  
1304 Southpoint Blvd., Suite 101  
Petaluma, CA 94954

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

## INSURERS AFFORDING COVERAGE

**INSURED**  
Joseph Strunz  
DBA: Magic Display Pyrotechnics FX  
593 CR 4808  
Copperas Cove, TX 76522

INSURER A: Underwriter's at Lloyd's, London

INSURER B:

INSURER C:

INSURER D:

### COVERAGES:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE NAMED INSURED ABOVE FOR THE PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (DD/MM/YY)	POLICY EXPIRATION DATE (DD/MM/YY)	LIMITS	
A	GENERAL LIABILITY CLAIMS MADE	PY/22-0042	4/9/2022	4/9/2023	EACH ACCIDENT	\$1,000,000
					MEDICAL EXP (any one person)	
					FIRE LEGAL LIABILITY	\$50,000
					GENERAL AGGREGATE	\$2,000,000
					PRODUCTS-COMP/ OPS AGG	

### DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

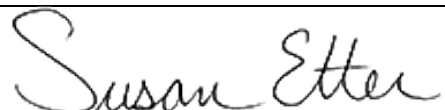
Certificate holder is additional insured as respects the following:

Date(s) of Display:	7/2/2022
Location:	City Of Killeen Community Park 436-284 W S Young Drive Killeen, TX 76541
Additional Insured:	City Of Killeen 101 N College Street Killeen, TX 76541 This policy includes a 90 day extension for filing claims after the expiration of the policy
Rain Date(s):	7/3/2022
Type of Display:	Aerial/SPFX Fireworks Display

### CERTIFICATE HOLDER

City Of Killeen  
101 N College Street  
Killeen, TX 76541

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

  
AUTHORIZED REPRESENTATIVE