

CITY OF KILLEEN
APPLICATION FOR FIREWORKS PUBLIC DISPLAY PERMIT



Name of Applicant: _____

Address: _____

Telephone: _____ Secondary #: _____

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

DATE OF DISPLAY: _____, Time: _____ to _____

Location of Display (attach site plan): _____

Pyrotechnic operator licensed in Texas who will supervise the display:

Name: _____, License #: _____

Size and Number of Fireworks to be discharged: _____

Manner and place of storage of fireworks prior to and during the display: _____

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

Name: _____, License #: _____

Texas public Display permit number: _____

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.

Joseph Strunz
Applicant's Signature

Date

Printed Name



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

03/04/2026

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER PROFESSIONAL PROGRAM INSURANCE BROKERAGE DIVISION OF SPG INSURANCE SOLUTIONS, LLC 1304 SOUTHPOINT BLVD., #101 PETALUMA CA 94954	CONTACT NAME: PHONE (A/C. No. Ext): 415-475-4300	FAX (A/C. No.): 415-475-4303
	E-MAIL ADDRESS:	
INSURER(S) AFFORDING COVERAGE		NAIC #
INSURER A : Certain Underwriters at Lloyd's, London		AA-1128623
INSURED Magic Display LLC 593 County Road 4808 Copperas Cove TX 76522	INSURER B :	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	
	INSURER G :	

COVERAGES

CERTIFICATE NUMBER: BL-006664

REVISION NUMBER:


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY 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. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	X		PY/26-0006	02/08/2026	02/08/2027	EACH OCCURRENCE \$ \$1,000,000
	DAMAGE TO RENTED PREMISES (Ea occurrence) \$ \$50,000						
							MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$ \$2,000,000
							PRODUCTS - COMP/OP AGG \$ INCLUDED
							\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY			This insurance contract is with an insurer not licensed to transact insurance in this state and is issued and delivered as a surplus line coverage under the Texas insurance statutes. The Texas Department of Insurance does not audit the finances or review the solvency of the surplus lines insurer providing this coverage, and the insurer is not a member of the property and casualty insurance guaranty association created under Chapter 462, Insurance Code. Chapter 225, Insurance Code, requires payment of a 4.85 percent tax on gross premium. Surplus Lines Agent's Name: Specialty Program Group LLC Surplus Lines Agent's Address: 300 Connell Drive Suite 3000, Berkeley Heights, NJ 07922 Surplus Lines Agent's License #: 2081761			COMBINED SINGLE LIMIT (Ea accident) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$
							AGGREGATE \$
							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y / N N / A				<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
							E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

City Hall 101 N College St Killeen, Texas 76541 are Additional Insured as respects the Class C (1.4g) fireworks display(s) on 04/25/2026 to 04/26/2026 (RD: 04/26/2026) located at 1 Santa Fe Plaza Dr, Killeen, TX 76541. This policy provides a two-year extended reporting period from the date of the display. 30-day notice of cancellation and a 10-day notice for non-payment applies.

CERTIFICATE HOLDER**CANCELLATION**

City Hall 101 N College St Killeen TX 76541	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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POLICY NUMBER: PY/26-0006

PYROTECHNIC LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED

Underwriter's at Lloyd's, London: Referred to in this endorsement as either the "Insurer" or the "Underwriters"

This endorsement modifies insurance provided under the following:

SECTION III. PERSONS INSURED

In consideration of the premium charged for the Policy, it is hereby understood and agreed that the following entity(ies) as shown in the schedule below is an additional insured pursuant to Section III.

Primary and Non-Contributory

The insurance provided to the Additional Insured scheduled below shall be primary and not contributory with any other insurance maintained by the Additional Insured where this is required by way of a written contract with **Named Insured**.

Waiver of subrogation

The **Named Insured** waives any right of subrogation the **Named Insured** may have against any person or organization, where required by the Insured's written contract with the Additional, because of payments made by the **Named Insured** for **Damages** and **Claims Expenses** arising out of the **Named Insured**'s operations in accordance with the written contract.

Additional Insured:

City Hall
101 N College St
Killeen, Texas 76541

04/25/2026 to 04/26/2026 (RD: 04/26/2026)

c/o City Hall

101 N College St, Killeen, TX 76541



All other terms, exclusions and conditions of this Policy remain unchanged.




CERTIFICATION - LICENSE - INSURANCE


MDFX (Magic Display FX) LLC is federal and state trained, certified, licensed and insured in commercial industry of explosives and flame productions. MDFX has memberships with leading industries certified and qualified to perform indoor, outdoor, land, water, air, special effects and flame operations.



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

✓✓ Using pyrotechnics where performers and audiences are closer to pyrotechnic devices than permitted by NFPA 1123 Code of Fireworks Display.

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

Industry - Professional Specialty Insurance				
 Lloyds	Displays	Pyrotechnics	Flames	Special Effects
	✓	✓	✓	✓



Public Displays – Production: Theme Parks, Concerts, Stadiums, Festivals & Special Events



FIREWORKS PYROTECHNIC OPERATOR'S LICENSE
TEXAS DEPARTMENT OF INSURANCE
STATE FIRE MARSHAL'S OFFICE

Issued To: Strunz, Joseph Andrew
License Number: FPO-2006642
Effective Date: 06-03-2015
Expiration Date: 06-03-2026

This will serve as your proof of licensure with the State Fire Marshal's Office.
To receive news and updates from the SFMO concerning fire industry licensing, sign up for the SFMO Licensing eNews updates [on our website.](#)

Special Effects – Production: Stage Performance, Close Proximity Performers & Audiences (Indoor/Outdoor Concerts, Theaters, Television Studios & Motion Pictures)



FIREWORKS FLAME EFFECTS OPERATOR'S LICENSE
TEXAS DEPARTMENT OF INSURANCE
STATE FIRE MARSHAL'S OFFICE

Issued To: Strunz, Joseph Andrew
License Number: FEO-2661474
Effective Date: 04-26-2021
Expiration Date: 04-26-2026

This will serve as your proof of licensure with the State Fire Marshal's Office.
To receive news and updates from the SFMO concerning fire industry licensing, sign up for the SFMO Licensing eNews updates [on our website.](#)

Flame Effects – Production: Stage Performance, Close Proximity Performers & Audiences (Indoor/Outdoor Concerts, Theaters, Television Studios & Motion Pictures)



FIREWORKS SPECIAL EFFECTS OPERATOR'S LICENSE
TEXAS DEPARTMENT OF INSURANCE
STATE FIRE MARSHAL'S OFFICE

Issued To: Strunz, Joseph Andrew
License Number: SEO-2661479
Effective Date: 04-26-2021
Expiration Date: 04-26-2026

This will serve as your proof of licensure with the State Fire Marshal's Office.
To receive news and updates from the SFMO concerning fire industry licensing, sign up for the SFMO Licensing eNews updates [on our website.](#)



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

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

06/07/2023

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-281-54-6H-01779 STRUNZ, JOSEPH
593 COUNTY ROAD 4808
COPPERAS COVE, TX 76522-0000

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,

Marna Howard
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

WWW.ATF.GOV

JOSEPH ANDREW STRUNZ

Responsible Person Letter of Clearance for:

5TX01779-06072023-STRUNZ,JOSEPH-OWNER,USER



U.S. Department of Justice Bureau of Alcohol, Tobacco, Firearms and Explosives		Federal Explosives License/Permit <i>(18 U.S.C. Chapter 40)</i>	
<p>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.</p>			
Direct ATF	ATF - Chief, FELC	License/Permit Number	5-TX-281-54-6H-01779
Correspondence To	244 Needy Road Martinsburg, WV 25405-9431	Expiration Date	August 1, 2026
Chief, Federal Explosives Licensing Center (FELC)		Name	
<i>Mama Howard</i>		STRUNZ, JOSEPH	
Premises Address (Changes? Notify the FELC at least 10 days before the move.) 593 COUNTY ROAD 4808 COPPERAS COVE, TX 76522-0000			
Type of License or Permit			
54-USER OF EXPLOSIVES			
Purchasing Certification Statement		Mailing Address (Changes? Notify the FELC of any changes.)	
<p>The licensee or permittee named above shall use a copy of this license or permit to assist a transferor of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. <u>The signature on each copy must be an original signature.</u> 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 of operations specified above under "Type of License or Permit."</p>		STRUNZ, JOSEPH 593 COUNTY ROAD 4808 COPPERAS COVE, TX 76522-	
 Licensee/Permittee Responsible Person Signature		MDEX CEO Position/Title 19 July 2023 Date	
Joseph Strunz		19 July 2023	
Printed Name		Date	
Previous Edition is Obsolete STRUNZ, JOSEPH (54) (ELTY) (603) (480) (0002) (TX) (01) (04) (08) (17) (AUGUST 1, 2026) (54) (01) (77) (9) (EXPLOSIVES) ATF Form 5400.14/5400.15 Part I Revised September 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 ATF Homepage: www.atf.gov Fax Number: (304) 616-4401 E-mail: FELC@atf.gov	
<p>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.)</p>			
<p>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.</p>			
(Continued on reverse side)			
Cut Here ✂			
<p style="text-align: center;">Federal Explosives License/Permit (FEL) Information Card</p> <p>License/Permit Name: STRUNZ, JOSEPH</p> <p>Business Name: <i>Magic Display Pyrotechnics</i></p> <p>License/Permit Number: 5-TX-281-54-6H-01779</p> <p>License/Permit Type: 54-USER OF EXPLOSIVES</p> <p>Expiration: August 1, 2026</p> <p>Please Note: Not Valid for the Sale or Other Disposition of Explosives.</p>			



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
06/07/2023
telephone: (877)283-3352 fax: (304)616-4401

NOTICE OF CLEARANCE

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

ISSUED TO: STRUNZ, JOSEPH

Federal Explosives license/permit no.: 5-TX-281-54-611-01779

NOTICE DATE: 06/07/2023

Expiration Date: August 1, 2026

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.

Explosives License/Permit Type: 54-USER OF EXPLOSIVES

- 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 765220000

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

LAST NAME, First Name, Middle Name	Clearance Status
RESPONSIBLE PERSONS:	1
0001 STRUNZ, JOSEPH ANDREW	Cleared
EMPLOYEE POSSESSORS:	0

continued

LAST NAME, First Name, Middle Name	Clearance Status
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DRAFT #2
ANNEX Z: Site Survey



Celebrate Killeen - Show Production
City of Killeen, Saturday, 25 April 2026
Site Survey Production Plan - 220 E Avenue D, Killeen, TX 76541

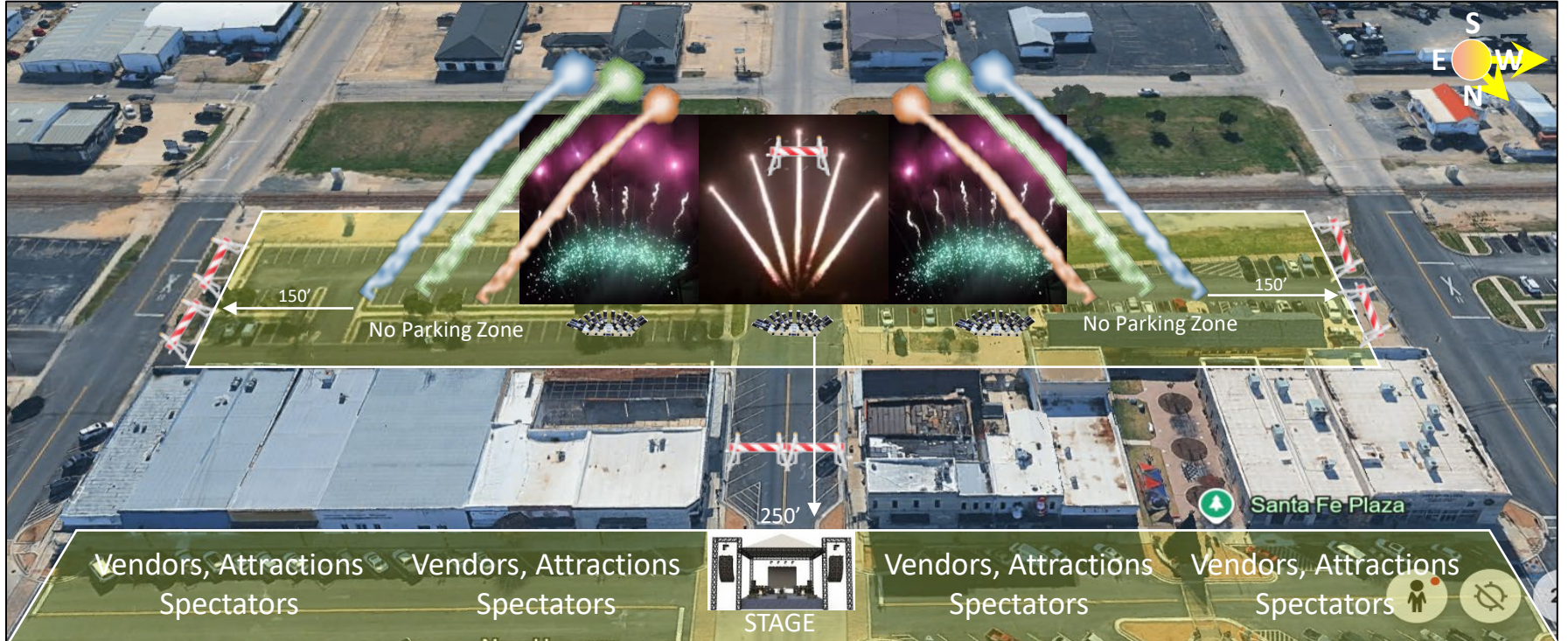
Update
6 March 2026

Show Time: 9:00 PM, Saturday, 25 April 2026

Sunrise: 6:52 AM

Sunset: 8:06 PM

Grid Coordinates: 31°07'10.5"N 97°43'43.7"W



1.4G Pyrotechnics

0.5" & 1.5" caliber
Meteors, Comets, Mines,
Fan Slices and Cakes.
(Altitude 200')

✓ **NFPA 1123 & 1126**

Minimum Ground Safety
Distance to Audience is 140',
Distance to Audience is 250'



Slice



Cake



Comets, Meteors, Mines



Show Time: 9:00 PM, Saturday, 25 April 2026

Sunrise: 6:52 AM

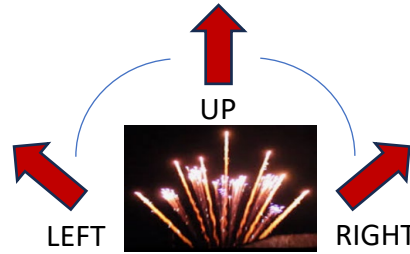
Sunset: 8:06 PM

Grid Coordinates: 31°07'10.5"N 97°43'43.7"W

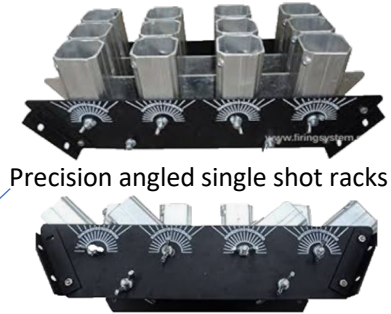
Example of Pyrotechnics Safe Construction Station

2 Levels of Safety

1. Preloaded tubes in individual rack tubes.
2. Boxed in Firewall

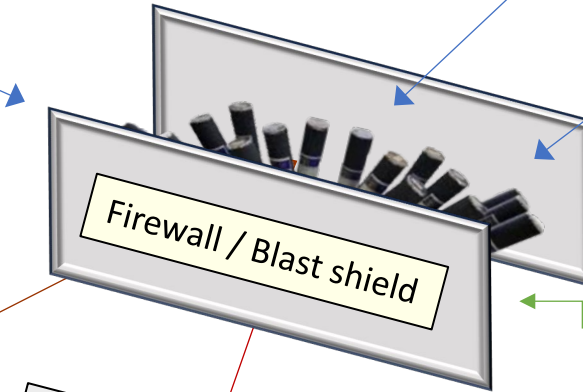


Direction of Flight - Angle Only Pyrotechnics



Precision angled single shot racks

Double Safety Construction
Preloaded tubes




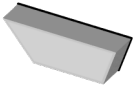

Performers / Audiences

Caged / Secured

Comets, Mines, Fan Slices, Cakes



Computer Receiver

-  Preloaded tube
-  Fan Slice
-  Cake

NOTE: 1.4G Professional Low Explosive Pyrotechnics are mainly used for behind concert stages and stadiums for close audiences.




DRAFT
ANNEX Z: Site Survey



Celebrate Killeen - Show Production
City of Killeen, Saturday, 25 April 2026
Site Survey Production Plan - 220 E Avenue D, Killeen, TX 76541

Update
6 March 2026

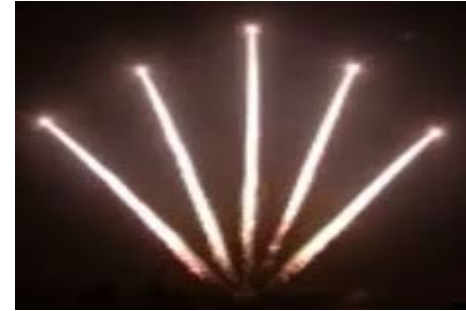
Show Time: 9:00 PM, Saturday, 25 April 2026

 **Sunrise: 6:52 AM**

 **Sunset: 8:06 PM**

Grid Coordinates: 31°07'10.5"N 97°43'43.7"W

Samples of Pyrotechnics – 1.4G Professional Low Explosives





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