



# Sacramento Metropolitan Fire District

Community Risk Reduction Division

[www.metrofire.ca.gov](http://www.metrofire.ca.gov)

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Please email completed form to: [crrdstaff@metrofire.ca.gov](mailto:crrdstaff@metrofire.ca.gov)

## MODEL ROCKET FIRING PERMIT

**MUST BE SUBMITTED AT LEAST 5 DAYS PRIOR TO LAUNCH DATE**

LAUNCH LOCATION: \_\_\_\_\_

LAUNCH DATE: \_\_\_\_\_ APPROX. TIME: \_\_\_\_\_ (DAYLIGHT HOURS ONLY)

ROCKET MOTOR TYPE: \_\_\_\_\_ NUMBER OF ROCKETS: \_\_\_\_\_ NUMBER OF LAUNCHES: \_\_\_\_\_

APPLICANT/CONTACT NAME: \_\_\_\_\_

24-HOUR PHONE: \_\_\_\_\_ EMAIL: \_\_\_\_\_

**WRITTEN PERMISSION FROM THE PROPERTY OWNER OF THE PROPOSED LAUNCH SITE IS REQUIRED FOR APPLICATION APPROVAL.**

It shall be the responsibility of the model rocket user to secure permission of the property owner when such property is intended to be used to launch model rockets.

PROPERTY OWNER: \_\_\_\_\_ PHONE: \_\_\_\_\_

PROPERTY OWNER SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE, THE CONDITIONS AND LIMITATIONS OF THIS PERMIT ARE:

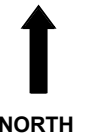
1. No model rocket user shall launch any model rocket from any site without first securing authorization from the Sacramento Metropolitan Fire District (Fire District).
2. Site shall be located outdoors in a cleared area, free of tall trees, power lines, buildings and dry brush or grass and as approved by the Fire District.
3. Model rockets shall be fired only during daylight hours when winds are less than 15 mph. Rockets shall not be fired into clouds or near airplanes.
4. Model rockets shall be launched from the center of the approved launch site. The launch site shall have minimum dimensions per equivalent motor type, as specified in NFPA 1122 Table 4.9.
5. Model rocket motors shall bear the California State Fire Marshal Seal and the registration number of the licensee.
6. Model rockets shall not contain any flammable or explosive payloads.
7. A responsible adult shall be present at all times during launching activities.
8. Emergency fire extinguishing equipment, including water buckets, garden hoses, shovels, and fire extinguishers shall be immediately available at all times.
9. Fire Dispatch shall be notified at (916) 228-3035 on the launch day, prior to firing activities.

SEE OTHER SIDE FOR ADDITIONAL INFORMATION

Rev. 12/24

**DIAGRAM OF LAUNCH SITE OR ATTACH DIAGRAM:**

(Include distance from buildings, streets, highways, and combustible vegetation.)



NFPA 1122 Table 4.9 Launch Site Dimensions

Installed Total Impulse (Newton-Seconds)	Equivalent Motor Type	Minimum Site Dimensions (ft.)
0-1.25	¼ A & ½ A	50
1.26-2.50	A	100
2.51-5.00	B	200
5.01-10.00	C	400
10.01-20.00	D	500
20.01-40.00	E	1000
40.01-80.00	F	1000
80.01-160.00	2F (or 1G)	1000
160.01-320.00	4F (or 2G)	1500

**PERMITS MAY BE REVOKED AT ANY TIME AT THE DISCRETION OF THE FIRE DISTRICT**

The Fire District may immediately revoke its authorization to use a firing area if it is found that an undue hazard exists, including but not limited to, fire safety hazards, life safety hazards and/or weather conditions.

Any person who violates the provisions of this permit is guilty of a misdemeanor punishable by imprisonment not to exceed six months or by a fine of not less than \$1000.00 or both. Any person responsible for causing a fire may be held liable for all costs associated with that fire, including the cost of extinguishment.

I accept this permit under the conditions stated and declare I have the permission of the property owner upon which the model rocket firing will take place. I understand that this permit is valid only for the date and time specified. I understand that as the permit holder, myself and my agents are responsible for the safety of all persons connected to the launch and any damage resulting from our actions.

PERMIT HOLDER: \_\_\_\_\_ (Name) \_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)

APPROVED BY: \_\_\_\_\_ (Name & Title) \_\_\_\_\_ (Signature) \_\_\_\_\_ (Date)

MODEL ROCKET FIRING PERMIT VALID ON: \_\_\_\_\_ FROM: \_\_\_\_\_ TO: \_\_\_\_\_

PERMIT DENIED BY: \_\_\_\_\_ REASON: \_\_\_\_\_