

ABRA SPACE



**Model Rocket Motor Safety
Specification**





Introduction

This safety specification contains precautions and guidelines for the manufacture, storage, transportation and use of model rocket motors. It is intended to ensure that everyone involved with model rocket motors operates in a safe manner.

*Users **CONFIRM** to fulfill these specifications when using model rocket motors purchased through the ABRA SPACE LTD. (www.abraspace.com) website.

1. Appropriate Site Selection and Utilization:

- Launch rocket engines only in open, wide and safe areas.
- Stay at least 1km away from settlements, forested areas and other important areas.
- Avoid windy weather and crowded areas.
- Fire your rocket motor from a minimum distance of 50 meters.
- Launch rocket motors in accordance with the specified safety distances and not near others.
- Obtain administrative permission from law enforcement officers or regional authorities in the region before using a model rocket motor.

2. Favorable Weather Conditions:

- Use rocket engines only in favorable weather conditions. Do not fly on stormy or windy days.
- Be especially careful of the risk of fire in hot and dry weather.

3. Selecting Rocket Motors:

- Choose engines with thrust appropriate for your rocket design.
- Avoid using overpowered motors, they can make control difficult.
- If you cannot choose the right engine yourself, please contact us at support@abraspace.com.

4. Assembly and Control:

- Assemble the rockets according to their design.
- Make sure that the parts are secure and properly assembled.
- Check the rocket carefully before each launch and check for any damage or missing parts.
- Follow the instructions in the user manual.

5. Launch Arrays and Platforms:

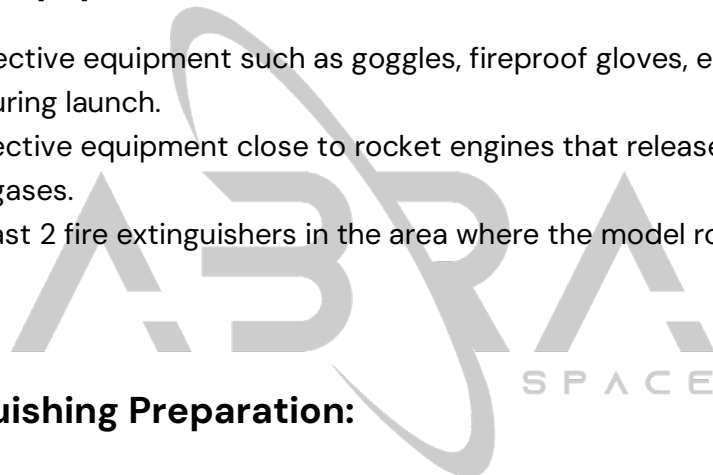
- Launch rockets on suitable launching devices or platforms.
- Set up the assemblies in accordance with the manufacturer's instructions.

6. Protective Equipment:

- Wear protective equipment such as goggles, fireproof gloves, ear muffs and helmets during launch.
- Keep protective equipment close to rocket engines that release flammable or explosive gases.
- Keep at least 2 fire extinguishers in the area where the model rocket engine is fired.

7. Fire Extinguishing Preparation:

- Since rocket engines work by ignition, always be prepared for the risk of fire.
- Carry a fire extinguisher with you.
- Always keep your equipment such as fireproof gloves, masks, protective goggles, etc. on you at all times.



8. Comply with Local Legal Regulations:

- Model rocketry may be subject to local regulations.
- It may be necessary to obtain relevant permits or fly in certain areas.
- Comply with local laws and regulations.
- This safety specification contains basic guidelines to ensure safety with model rocket motors.
- It is important that you carry out model rocketry activities always observing safety precautions.

Our users who purchase our products are obliged to follow and fulfill these guidelines and **CONFIRM** that they will comply with these rules after purchase.



You can find all information about our products on our website.



www.abraspace.com