# **Operation manual and ignition system:**

**1.** Insert the electric igniter attached to the engines through the nozzle, pressing it against the rocket fuel. Then secure the igniter against falling out. Do this by sticking it to the nozzle with a special sticker attached to the kit.

2. Place the model on the launcher and move to a safe distance.

**3.** The minimum safe distance for the user when the engine is running is 10 meters. On the other hand, the minimum safe radius of engine operation is 500 meters from buildings and other obstacles.

4. In the case of electric ignition, due to the lack of delay, the operator should be at least 10 meters from the starting point.

5. If the engine fails to start, wait 10 minutes before going to the model, check the ignition system and try again.

6. Remember that a rocket engine schell is hot for a while after it has burned out. Allow it to cool for a few minutes before touching it.

7. Remember that the engine produces hot gases which exit through a nozzle directed in the direction of the nozzle axis.

8. Do not fire the product if there is no control over the absence of people in the safe area of operation and / or in the hazard zone.9. The engine produces noise that is no more than 110 dB.

ie engine produces noise that is no more than 110 up.

# **Utilization:**

Do not use damaged rocket motors - destroy them by immersing them in water.

### Storage:

Store rocket motors in a cool and dry place, out of the reach of children and away from fire. The engines contain pyrotechnic materials, so they cannot be exposed to temperatures above 30 degrees C or to open fire.

### Safety instruction:

**I.** Contained in this package - ROCKET MODEL MOTORS may only be used to power lightweight rocket models made of paper, balsa wood, carbon fiber or similar laminates, lightweight plastic or lightweight epp, depron, poliuretan or similar foam. It is forbidden to use metal elements as the main structural elements in model structures.

**II.** The engine is disposable.

**III.** Any manipulation on the motors is prohibited!

**IV.** The product is intended only for people over 18 years of age.

V. The product is intended only for outdoor use - there is a risk of fire.

**VI.** It is forbidden to smoke tobacco products in the vicinity of the product.

**VII.** Store only in the original packaging.

VIII. In the event of fire, extinguish using generally used means from a reasonable distance.

**IX.** The model should be equipped with a device ensuring a slow, safe descent, e.g. a parachute of an appropriate size or a braking band.

X. The ground of the starting site must not be made of flammable materials or be placed on flammable ground (eg dry grass).

**XI.** It is required to comply with the regulations regarding the take-off of model airplanes, the most important are:

1. The take-off area must be at least 500 meters in diameter from any buildings, trees or electricity poles.

2. Take-offs cannot be made in high winds - above 8 m / s.

3. The model's flight path must be clear of any obstacles (people, trees, vehicles, buildings, tall grass or thickets, etc.).

4. Before taking off the model, make sure that no one is flying over the place of flight: airplane, hang glider, powered hang glider, paraglider, model airplane or any other object with which a collision could occur.

#### Product made in European Union by Piotr Tendera Rocket Motors Company Wodzisławska 177b 44-200 Rybnik Poland tenderamotors@gmail.com