



Ranger Emblems

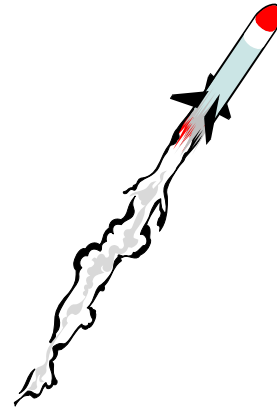
Rocketry

REQUIREMENTS:

- Must construct and launch a level-one model rocket.
- Must memorize countdown procedure.
- Must memorize the misfire procedure.

COUNTDOWN PROCEDURES

- 1) Remove safety cap from launch rod.
- 2) Be sure everyone is at least 15 feet away from the launch pad.
- 3) Attach micro-clips to the igniter wires.
- 4) Recheck launch perimeter and insert the safety key into the launch controller.
- 5) Start a 5 second countdown out loud.
- 6) Push and hold button until engine ignites.
- 7) Remove safety key from the launch controller and replace safety cap.



If after 2-3 seconds the engine does not ignite, MISFIRE PROCEDURE:

- Remove safety key from launch controller.
- Wait 1 minute before approaching the rocket.
- Remove micro-clips from the igniter.
- Insert new igniter and resume launch procedure.

TIPS FOR FLYING YOUR ROCKET

- Choose the largest field you can find. The larger the field, the better your chances are for finding your rocket
- Launch only during calm weather
- Baby powder may be applied to the parachute to avoid sticking in the rocket
- Do not use home made launchers. The store bought launchers are not that expensive and they are much safer.
- Always follow the National Association of Rocketry Safety Code.

DEVOTIONAL

I have several model rockets in my office. Some of them I built and a few of them my Boys' Adventure Corps built. When they are not flying, they are displayed on my windowsill. About every three weeks, the same little girl comes into my office and wants to see the rockets fly, and every three weeks she is disappointed as I try to explain to her why the rockets just can't fly around my office.

When I tell Melissa they can't fly she asks, "Haven't you finished building them? They've been there a long time, Captain." "Yes," I tell her, "they look good on the outside, but there is one part missing that you can't see that gives it power so it can fly."

There is a part to every Christian we can't see that gives us power so our spirit can fly. Acts 1:8 says, "But you will receive power when the Holy Spirit comes on you; and you will be my witnesses in Jerusalem, and in all Judea and Samaria, and to the ends of the earth." (N.I.V.) Jesus gives us this promise to let us know that we are never alone and also the Holy Spirit is going to help us to do all the things that we know we should do.

