



## 37mm Rocket Flare Instructions

- 1) Set out all parts and rocket engine (A10 T3)
- 2) Using the Hot glue gun place glue around the outside of the rocket engine and slide it in the hole at the base of the rocket projectile.
- 3) Place a small amount of hot glue inside on the top of the rocket engine along the paper edges. Be sure not to cover the combustible rocket composition on the top.
- 4) Measure and pour in the base of the payload area 20 grains of pyrodex powder.
- 5) Place payload in the payload cup (Firework Stars)
- 6) Using a piece of a paper towel or a paper disc cover the payload inside the projectile.
- 7) Fill the remainder of the payload cup space with hot glue, then push the rocket cap on the projectile.
- 8) Cut a 1" section of time fuse. Put a drop of hot glue on one end and place the fuse in the hole of the rocket motor. (this is to ensure ignition)
- 9) Using two rubber bands wrap them tightly around the base of the rocket projectile. And set aside.
- 10) Prepare a large 4.5" casing by pushing a primer into the base of the casing.
- 11) Now glue the bottom of a powder bushing with hot glue and push it into the base of the casing.
- 12) Measure and pour 65 grains of pyrodex into the center of the powder bushing.
- 13) Insert the Rocket Flare projectile into the 4.5" casing
- 14) Seal around the top edges of the casing and the projectile with hot glue to seal it up and complete the round.

