



EXOTIC 37MM CYCLONE PROJECTILE INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE STARTING PROJECT

- 1) Prime a 3" Aluminum 37mm hull by placing a #209 shotgun primer in the hole on the flat side of the 37mm hull.
- 2) Place hot glue on the bottom of a powder bushing and push it into the bottom of the casing.
- 3) Measure 55 grains of FFFG and place it in the bottom of the casing. Set aside.
- 4) In the bottom of the Cyclone projectile measure and pour 45 grains of FFFG powder
- 5) Fill the Cyclone Projectile with any firework components (FF fuse, stars, ect.) leaving a $\frac{3}{4}$ " space at the top
- 6) Place large paper disc on top of firework components.
- 7) Fill remaining space with hot glue and push on the cap.
- 8) Stretch out the O-ring and then place it onto the bottom of the cyclone projectiles
- 9) Roll down the O-ring to sit $\frac{1}{4}$ " below the lip with rifling toward the fuse end.
- 10) Cut the fuse $\frac{1}{2}$ " from the end at a 45 degree angle.
- 11) Press the projectile into the casing till the rifling makes contact with the casing.
- 12) Note: If you live in a humid area or are not planning on firing the flare right away it is a good idea to seal the edge of the casing and payload cup with hot glue or nail polish to prevent moisture from getting to the boosting charge.

