

# Eggtimer EZ-DD Flight Checklist

Date: \_\_\_\_\_

Motor: \_\_\_\_\_

## At Your Worktable

- \_\_\_ Choose and install your motor
- \_\_\_ Fold the Drogue shock cord and chute, add wadding
- \_\_\_ Fold the Main shock cord and chute, add wadding
- \_\_\_ Connect the ematches,
- \_\_\_ Turn ON the EZ-DD altimeter and confirm continuity and battery voltage
- \_\_\_ Turn OFF the EZ-DD altimeter... leave it off until you're on the pad!
- \_\_\_ Add powder to the charge wells, tape over the top (minimum 2 times, "X" pattern)
- \_\_\_ Button up the rocket (From this point on, keep the rocket pointed AWAY from anybody!)
- \_\_\_ **Check you rocket in with the RSO/LCO**

## At the Pad

- \_\_\_ Put your rocket on the rail (Tilt it slightly away from the flight line!)
- \_\_\_ Turn on the EZ-DD Altimeter, wait for the rapid "I'm Ready" chirping.
- \_\_\_ Install your motor igniter, connect to clips, and check igniter continuity

## Return to the Safety Zone, and Launch!

## After Landing...

- \_\_\_ Count the apogee beeps: \_\_\_\_\_
- \_\_\_ Turn off the EZ-DD Altimeter

# Electronic-Deployment Safety Guidelines

## **Always wear eye protection when handling pyrotechnics.**

This applies to when you're filling the charge wells and wiring the charges. This protects your eyes against flash burns should the powder charge go off inadvertently.

## **Keep a safe distance from the charge wells when you're loading them with pyro powder.**

Don't put your face right next to them. Keep the charge wells pointed away from you when you are loading them.

## **Treat any rocket with a "live" charge as if it was a loaded gun.**

- When you are putting it together after the charges are loaded, do it from the SIDE... do not stand immediately in front of or behind the rocket.
- Do not point it at anyone or anything, preferably it should be pointed straight up while you are carrying it to the RSO/LCO table or to the pad.
- When you are putting it on the rail, load the rocket from the SIDE... do not stand immediately in front of it or behind it.
- **NEVER** carry a rocket with an armed altimeter... your altimeter(s) should be disarmed and incapable of firing pyrotechnics while you are transporting it, or anywhere except on the pad.

## **Always arm your altimeter BEFORE you connect the igniter to the pad box/launcher.**

If you wait until after you have connected your igniter to arm your altimeter and it launches with the altimeter disarmed, your rocket is going to go straight up and come straight down into the ground... not a safe situation.

## **Be familiar with your altimeter BEFORE you go to launch.**

Altimeters sometimes make a dizzying number of "beeps", you need to know what they all mean. On the pad is not the time to be trying to figure it out... one altimeter's "I'm Ready" sound may be the same as another altimeter's "DO NOT FLY ME!" sound, so you need to KNOW what they mean before you try to fly them. Practice arming and disarming your altimeter at home, so you know what it sounds like... in the case of the EZ-DD altimeter (and other Eggtimer altimeters, too) the "I'm Armed" sound is a rapid "chirping" that sounds nothing like the other sounds that other altimeters make. That makes it easy to tell that your Eggtimer altimeter is ready to fly.