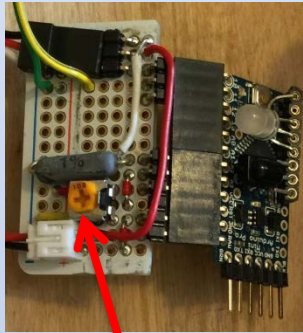




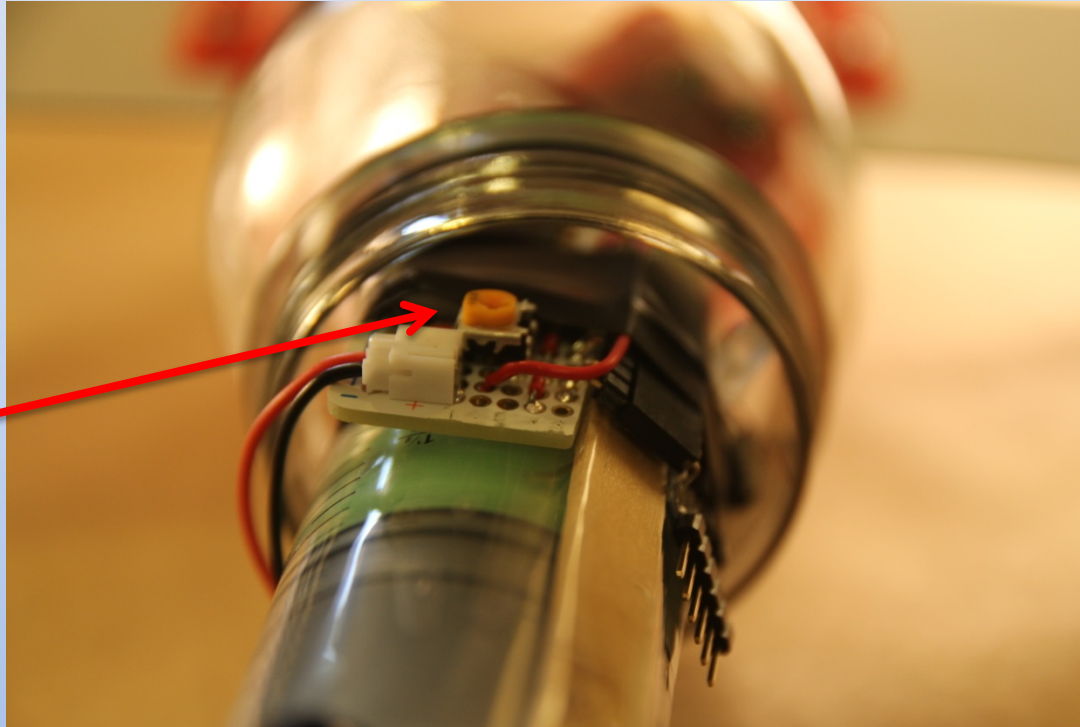
Underwater Flight – Final Preparations



After Testing - Fit BE into Bottle



Potentiometer



Turn the potentiometer counterclockwise to shorten pause time between cycles. This will keep dives shallow to begin with. Start the buoyancy engine (BE) then...

Use Remote to Pause BE

Play/Pause Button



Use the remote's Play/Pause button to pause the buoyancy engine.

Seal Bottle



With the bottle upright on a table, slide in the buoyancy engine. Tighten the cap. The rudder should align with the Nathan icon (circled) and be perpendicular to the wings.

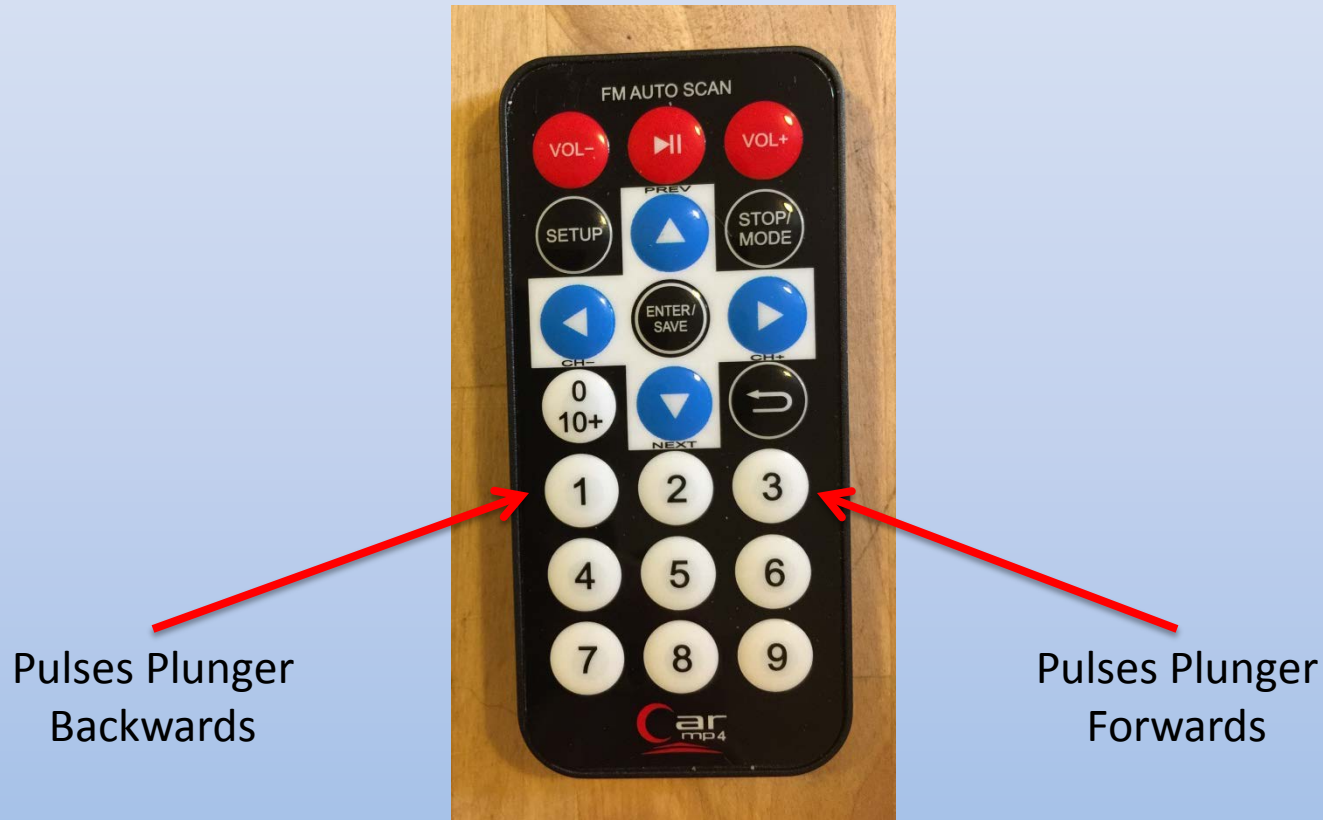


Burping the Bottle



Start the buoyancy engine and hold the glider underwater for at least two cycles to expel any excess air in the syringe.

Use Remote to Center Plunger



To center the plunger, use the #1 button to pulse the it backwards and the #3 button to pulse it forwards. Glider should be in the water. (See next slide.)



Balance Glider Pitch



Use the remote to move the plunger so that the pitch of the glider is level with the surface of the water. If needed, roll can also be adjusted by moving a pair of magnets along the “high” wing until both wings are level.



When Things Look Good, Let Her Go!



Your Glider should Dive and Surface in a Smooth Cycle

