Transponder Setting Procedures

Cessna N4601G

1. Once the Avionics Master is turned on the transponder should power up as we generally leave the power/selector switch(RED arrow) in the ALT(altitude encoding) position.
   This switch has 4 positions: OFF, STBY, ON, ALT

2. You need to memorize the 4 common transponder dedicated codes:
   - **1200**—VFR Squawk code
   - **7500**—Aircraft being hijacked
   - **7600**—Loss of communications
   - **7700**—Emergency

   These codes are entered by turning each number selector knob. Other code combinations are entered when issued a discrete transponder code by ATC, such as "Squawk 0356."

   When you are changing codes try to never cycle thru the 7500, 7600, 7700 codes if possible.

   If an ATC issues "Squawk 0356, and ident," start with the leftmost knob and set 0, moving right set 3, moving right set 5, moving right set 6. Then press the ID button (green arrow).

   When the transponder is doing its job, you should note an intermittent flashing of the REPLY light (yellow arrow)

3. For **MUCH** more on transponder information and operations please studying the AIM, Chapter 4, and FAA Handbook of Aeronautical Knowledge Pg. 14-25