

Practice 30 minutes a day and try to master every move before moving up a level. It may take weeks to master a level and you will crash a million times before some of these moves click. Keep trying every night!

## **Level 1 – Upright hovering**

Video: [YouTube](#)

- Tail at 45 degrees offset from tail in
- Side in left and right
- Nose in
- Stretch: Pirouette back to tail in. Backward flips
- Bonus: Forward flight circle

## **Level 2 – Inverted hovering**

Video: [YouTube](#)

- 45 degrees offset from tail in
- Side in left and right
- Nose in inverted
- Stretch: Forward flips, Rolls, Inverted piro to tail nose in.
- Bonus: Inverted forward circle

## **Level 3 – 5 Circles in a row**

- 5 forward circles left and right
- 5 backward circles left and right
- 5 inverted forward circles left and right
- 5 inverted backwards circles left and right
- Stretch: Forward loops, Backward loops, Tail down tic tocs, tail slides
- Bonus: tail down rainbows, stationary piros

## **Level 4 – 5 Figure 8's in each orientation**

- Switch this move so the figure 8 crosses towards you and away from you.
- Forward
- Backwards
- Inverted
- Inverted backwards
- Stretch: Snake transition in figure 8 with 30% bank angle, Side on Tic-Tocs
- Bonus: Stall turns changing orientations at the top of the turn

## **Level 5 – Funnels in each orientation**

- 5 upright tail down, left and right
- 5 upright tail up left, and right
- 5 inverted tail down, left and right
- 5 Inverted tail up, left and right
- Stretch: Inverted piro circle, Nose down tic tocs
- Bonus: Piro flips timing the stir with the tail

## **Level 6 – Loops in each orientation**

- 5 inside forward, left and right
- 5 inside backward left, and right
- 5 outside forward, left and right
- 5 outside backward, left and right
- Stretch: Vertical loop figure 8
- Bonus: Piro loops timing the tail

## **Level 7 – Morphing or Transitions**

- 5 of each figure 8 morphing orientations
- Forward upright to inverted going left and right
- Backwards upright to inverted going left and right
- Upright funnel to inverted left and right
- Stretch: 4 point tic tocs, Death Spiral
- Bonus: Pitch pumping flips and rolls

## **Level 8 – 5 each Rolling and Piro travel**

- Rolling circle forward left and right
- Rolling circle backwards left and right
- Piro funnel upright left and right
- Piro funnel inverted left and right
- Stretch: Stationary piro flips, snakes
- Bonus: Piro tic tocs,

## **Level 9 – 5 each rolling and piro figure 8's**

- Rolling Forward Figure 8
- Rolling Backward Figure 8
- Piro Figure 8 Upright
- Piro Figure 8 Inverted

## **Level 10 Direction**

Go back and practice all above in the direction you were most uncomfortable.

## Level 11 – 3D Genius – Mastery

- Piro Rainbow
- Piro Snake
- Piro Loop
- Piro Tic-Tocs
- Big Ben
- Chaos Reversal
- Pitch Pumping
- Flipping Hurricains (circles)
- Slinky (circle, 45deg circle, edge loop (viewed as loop from side), 135deg circle, circle)
- Smackdown Flying
- Smooth transitions between moves

## Level 12 – Unbelievable stuff

- Piro Snake Figure 8
- Piro Globe
- Flipping Funnel 8
- Reversing Piro Tic-Tocs
- Reversing Piro Rainbow
- Reversing Piro Snake
- Kruezenburger
- Reversing Piro Funnel  
Wheel of Fortune
- London Eye(piro tic-toc loop)
- Piro Vertical Figure 8  
Piro Slinky (variation of globe where you start with piro circle (start at left or right side of pilot), piro 45deg tilted circle, piro loop, piro 135deg tilted circle, piro circle (opposite side of pilot from the first circle))