What was wrong with the old TVC mount?

* Not much control in the Y direction
* Likely due to servos having some drift in their movement
* Hard to get an accurate length with the servo lever arm -> results in a slight tilt of the motor case when the servo is at zero position
* No way to actually tell where the zero position is on the servo
* Servo’s zero position changes (i.e. you can’t just tell the servo to go 15 degrees clockwise then 15 degrees counterclockwise because it won’t finish at its starting position)
* Small movements in the servo result in large movements of the motor case, especially in the y gimbal direction
* The plastic mount sometimes flexes when gimbaling
* Y-axis is able to change when servo doesn’t even move

Possible Fixes

* Implement some sort of gear ratio to allow for smaller movements
* Use servos with smaller rotation increments to give more control
* Upgrade the servo arm itself to something 3d printable, so that the dimensions are always exact
* Decrease lever arm of y-axis gimbal
* Use stronger plastic or change materials to prevent flexing of the mount