

Some adjustable parameters in RaspberryPi-Pico.xml

The contents of RaspberryPi-Pico.xml are shown below:

```
<?xml version="1.0"?>

<PropertyList>
  <name type="string">RaspberryPi Pico</name>
  <button n="0">
    <desc type="string">Custom</desc>
    <repeatable type="string">true</repeatable>
    <binding>
      <command type="string">nasal</command>
      <script type="string">controls.elevatorTrim(0.75)</script>
      <module type="string">__js0</module>
    </binding>
  </button>

  <button n="1">
    <desc type="string">Custom</desc>
    <repeatable type="string">true</repeatable>
    <binding>
      <command type="string">nasal</command>
      <script type="string">controls.elevatorTrim(-0.75)</script>
      <module type="string">__js0</module>
    </binding>
  </button>

  <button n="2">
    <desc type="string">Custom</desc>
    <repeatable type="string">true</repeatable>
    <binding>
      <command type="string">property-adjust</command>
      <property type="string">/autopilot/settings/heading-bug-deg</property>
      <step type="double">1.0</step>
    </binding>
  </button>

  ... three more buttons

</PropertyList>
```

The size of each Rotary Encoder click is controlled by the

```
controls.elevatorTrim(0.75)
```

or

```
<step type="double">1.0</step>
```

where the sign of the number controls the direction of each click, and the value controls the step size.

For the trim the number (0.75) controls the trim movement per click, smaller numbers make for finer adjustments hence smaller trim control movements. A value of (1.25) makes quite a difference in the observable trim control movement. You can try various values of this (remember to change the corresponding negative value (-0.75) in the same way).

The <step> values of 1.0 or -1.0 are the number of degrees per click. Only change the sign of this.