# Welcome to Rogers State University's AeroGames!

You will be programming a Robomaster TT drone to fly autonomously through an obstacle course designed by RSU's AeroCats STEM Training Team. All course and obstacle dimensions presented below are in centimeters but you can certainly convert to inches if you so choose and one of our AeroCats will be happy to assist with this conversion as well as programming your flight.

ROGERS STATE UNIVERSITY

360

61

61

Calculate "X"

7. Fly over, pause, pivot, return to Home Base

6. Drop in, Fly out

5. Conduct 180-degree turn

8. Land Home Base, stop time

399

338

X

HOME BASE

241

180

180

180

1. Home Base is at ground level, and this is where you will launch your drone, Time starts at lift off

2. Fly through Opening B

3. Fly through Opening A or C

4. Fly through Opening B