

## PROJECT SPECIFICATION

**Kidnapped Vehicle****Accuracy**

CRITERIA	MEETS SPECIFICATIONS
Does your particle filter localize the vehicle to within the desired accuracy?	This criteria is checked automatically when you do <code>./run.sh</code> in the terminal. If the output says "Success! Your particle filter passed!" then it means you've met this criteria.

**Performance**

CRITERIA	MEETS SPECIFICATIONS
Does your particle run within the specified time of 100 seconds?	This criteria is checked automatically when you do <code>./run.sh</code> in the terminal. If the output says "Success! Your particle filter passed!" then it means you've met this criteria.

**General**

CRITERIA	MEETS SPECIFICATIONS
Does your code use a particle filter to localize the robot?	There may be ways to “beat” the automatic grader without actually implementing the full particle filter. You will meet this criteria if the methods you write in <code>particle_filter.cpp</code> behave as expected.