Test Scenario Number:	005	Tested By:	Ryan Bomalaski
Sprint Number:	1	Application:	main.py
Tracker ID:	ST-005	Time Estimation:	30 Minutes
Module:	N/A	Туре:	Stepwise

Test Scenario and Requirements Description: Tester will run test script test_005.sh to test Scenario 5.

Prerequisites:

- User has Collision Avoidance folder
- User has SQLite3 Installed

Scenario Title: Run Simulator for 120 Steps with resolution of 2 steps per second.

Scenario Procedure:

Using the provided scripts, the user will import the test airplanes to the python algorithm. Then the user will run the simulator for 120 steps.

Then the user win run the simulator for 120 steps.			
	Scenario Steps:	Validation:	
1. 2.	e Airplane Test Database: Open New Terminal Navigate to/collision_avoidance/test_scripts	SQLite will initialize with test attributes. The terminal will open the python terminal (Denoted with the ">>>").*	
3.	Run command: 1/test_005.sh	* - Note: If this is the first set up of the table, two errors will appear.	
2. 3.	Create a new simulator object with step count of 120 by typing the following command: 1. sim = Simulator(120,2) Populate the simulator with aircraft by running: 1. sim.create_airplanes() Confirm that two airplanes were created by running: 1. sim.airplanes	A list of two airplane objects with the address in memory will appear.	
1.	Simulator: In python environment, run the following command: 1. sim.run_sim() When the simulator is complete, run: 1. exit()	The simulator will step through 120 steps, giving outputs for both airplanes. Upon exit, the user will be back at the linux terminal.	