The Files

* nodeServer.js – this is the file that should be run for demos, and provides the interface between the computational server (MATLAB) and the web app, as well as currently hosting our web app.
* nodeServerSerialPort.js – This file should not yet be run. It is the final version of the server which is designed to write messages to the drone for flights. Will not work if a radio is not connected to the computer.
* routes.js – This is used because we are hosting the web site on the nodejs server. It details what pages to send when the user hits certain URLs.
* MATLAB code in “Matlab code to calculate DropPoints”:
  + tcpipServerScript.m – The only file to be concerned with. All others are helper functions for computations. They are all called by this file. This server connects to the nodejs server and passes requests from that server to the functions we have for computing area, then sends the results back. This should be run from MATLAB before starting the nodeServer.js.