

Prediction done at 7:00 PM 4/1/17 using Univ. Southampton prediction program & 4/2/17 winds

The screenshot displays the 'ASTRA High Altitude Balloon Flight Planner' web application. The browser's address bar shows the URL 'astra-planner.soton.ac.uk'. The application header includes the University of Southampton logo and the title 'ASTRA High Altitude Balloon Flight Planner'. A sidebar on the left contains several menu items: 'FLIGHT SIMULATION SETUP', 'FLIGHT INFORMATION', 'LAUNCH SITE', 'WEATHER DATA', and 'SIMULATION SETTINGS'. Under 'WEATHER DATA', there are options to 'Select a weather source' (Online forecast, Load sounding) and 'Forecast quality' (High, Standard). A prominent green button labeled 'RUN THE SIMULATION' is located at the bottom of the sidebar. The main content area features a satellite map of the Shenandoah National Park region, showing a blue flight path starting from a red location marker near Puckhannon and extending eastward. Along the path, there are several yellow and blue balloons, representing the balloon's trajectory. The map includes various geographical labels such as 'George Washington and Jefferson National Forest' and 'Shenandoah National Park'. The browser's top bar shows several open tabs and standard navigation icons.

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The image shows a web browser window displaying the 'ASTRA High Altitude Balloon Flight Planner' application. The browser's address bar shows the URL 'astra-planner.soton.ac.uk'. The application interface is divided into several sections:

- Navigation Sidebar (Left):** Contains menu items for 'FLIGHT SIMULATION SETUP', 'FLIGHT INFORMATION', 'LAUNCH SITE', 'WEATHER DATA', and 'SIMULATION SETTINGS'. A prominent green button labeled 'RUN THE SIMULATION' is located at the bottom of this sidebar.
- Weather Data Section:** Under 'WEATHER DATA', there is a 'Select a weather source' dropdown with 'Online forecast' and 'Load sounding' options. Below that, 'Forecast quality' is set to 'High'.
- Main Map:** A topographic map of the Shenandoah National Park area, showing terrain, roads, and weather data overlays. The map includes labels for various towns and geographical features like 'George Washington and Jefferson National Forest' and 'Shenandoah National Park'. Weather data is visualized as colored patches (yellow, orange, red) on the map.
- Right Sidebar:** Contains 'Export and view options' and 'Mark GPS location' buttons.