

Welcome to "Runway Safety Pilot Simulator Tutorial". This is a self-guided resource to assist flight instructors with teaching student pilots surface safety best practices, before they step foot into the cockpit. It allows student pilots to navigate on airport surfaces while communicating with ATC and following their instructions. This tool is recommended but not required for use between a student and CFI interaction.

Choose the animation you would like to view by clicking directly on it. You can also access the animation page by clicking the dropdown menu on the upper right-hand corner.

At the top left of the page is the runway safety webpage link. This takes you to the FAA Runway Safety pilot page. Which has a multitude of resources, including best practices and airport diagrams.

On the grey menu bar, directly above the video player. You can access the four instructional aids which can be used while going through the scenarios.

Click the airport diagram tab to access the diagram of the airport used in the scenarios. This helps you identify where you are and where you are going. You have the option to zoom in and out, download, or as recommended print. Note, the airports depicted in the scenarios are for illustrative purposes only and are not specific to any airport.

Next to the airport diagram tab is the airport diagram legend tab. This will help you read the airport diagram.

The "Taxi Pad" is an interactive tool that allows you to enter information for further reference. The entered information is retained throughout your session and resets once you close out of the session. You also have the option to download, print and write by hand.

The "Signs and Markings" tab gives you a quick visual reference with definitions for the various signs and markings on airport surfaces.

Once you have selected your scenario click the play button on the screen to start the video. You can pause the video at any time by clicking the screen again.

In various sections of the scenario blue boxes pop on the screen and pause the video. The blue boxes provide further information or instruction pertinent to that section of the scenario. To continue simply click on the screen.

The scenarios are interactive and allow you to be the decision-maker. When you come to a decision point, choose an option by selecting one of the highlighted paths. The grayed-out paths are not options. You can also select the "Say Again" button to listen to the ATC instructions again.

Decision points are indicated by a tracking menu located on the bottom of the video screen. Once you have passed a decision point, a blue circle appears. Clicking onto the blue circles allows you to return to that decision point any time in the scenario.

This gives you the option to correct yourself or see what would have occurred if you had chosen differently. Now that you have all the information you are ready to start.