

Code Scratch

The image shows a Scratch script for an airplane testing simulation. The script is divided into two main sections: a main sequence and a reset sequence.

Main Sequence:

- when clicked:** Say "Welcome to airplane testing! We'll use your data to find your average results." for 3 seconds.
- ask:** "What type of test are you doing?" and wait.
- set:** Test Type to answer.
- ask:** "How many tests will you do" and wait.
- set:** #ofTests to answer.
- repeat #ofTests:**
 - ask:** "What were your results?" and wait.
 - set:** Total to answer + Total.
- set:** Average to Total / #ofTests.
- repeat 5:**
 - glide:** 0.5 secs to random position.
- glide:** 0.5 secs to x: 0 y: -100.
- say:** join Your average join Test Type join was Average for 5 seconds.

Reset Sequence:

- when clicked:**
 - set:** Test Type to 0.
 - set:** #ofTests to 0.
 - set:** Total to 0.
 - set:** Average to 0.