

## SPACESIM – Phase 1 Software Development – Student Testing/Evaluation Form

Grade Level of student \_\_\_\_\_, Total time required to complete mission (Minutes) \_\_\_\_\_,

Simulation Difficulty level (Easy) or (Medium) Circle one, -and- Sex (Male) or (Female) Circle one

Dear Student,

We need your help in evaluating the operation of our new Space Simulation Software. Please answer the following questions at the conclusion of your simulation experience.

- ① How many hours do you spend EACH WEEK playing video games and/or computer games ?

**NONE** → 0 2 4 6 8 ← **8 OR MORE**

- ② To accomplish your mission, you needed to learn how to use the Flightstick to control the flightpath of the Orbiter. Movement of the Flightstick caused the Orbiter to move in very specific ways. On a scale of 1 to 5, please indicate how well you were able to learn how to use the Flightstick ? Circle ONLY 1 number below.

**Easy to understand how to use Flightstick** → 1 2 3 4 5 ← **Difficult to understand how to use Flightstick**

Suggestions and/or Comments ? \_\_\_\_\_

\_\_\_\_\_

- ③ Once you understood how to use the Flightstick to control the flightpath of the Orbiter, indicate on a scale of 1 to 5 your ability to cause the Orbiter to go where you wanted ? Circle ONLY 1 number below.

**Easy to Maneuver Orbiter** → 1 2 3 4 5 ← **Difficult to Maneuver Orbiter**

Suggestions or Comments ? \_\_\_\_\_

\_\_\_\_\_

- ④ During your mission, you are instructed to press one or more pushbuttons to perform special functions. Indicate on a scale of 1 to 5 your ability to locate the proper pushbutton when it was indicated on the task cards ? Circle ONLY 1 number below.

**Easy to locate correct Pushbuttons** → 1 2 3 4 5 ← **Difficult to locate correct Pushbuttons**

Suggestions and/or Comments ? \_\_\_\_\_

\_\_\_\_\_

**OVER PLEASE – MORE QUESTIONS ON BACK**

⑤ Your ability to perform your mission requires you to become aware of the position and orientation of the International Space Station (ISS) with respect to your Orbiter. On a scale of 1 to 5, Please indicate your ability to understand the position and orientation of the International Space Station and the Orbiter using all of the outside views and displays available to you during your mission ? Circle only 1 number below.

Easy to Understand Position and Orientation → 1 2 3 4 5 ← Difficult to Understand Position and Orientation

Comments and/or Suggestions ? \_\_\_\_\_  
\_\_\_\_\_

⑥ The Main display panel provides a readout of the Fuel Level, Mission Elapsed Time, Attitude Direction Indicator, and Pushbutton status. Please indicate on a scale of 1 to 5, if the display panel was easy (or difficult) to read and understand. Circle 1 number below.

Display Panel Easy to Read and Understand → 1 2 3 4 5 ← Display Panel Difficult to Read and Understand

Comments and/or Suggestions ? \_\_\_\_\_  
\_\_\_\_\_

⑦ While flying around the International Space Station (ISS) during your mission, please indicate on a scale of 1 to 5 whether the pictorial diagrams/illustrations of the ISS that were provided help you recognize and identify the various parts of the International Space Station as you passed them?

ISS Pictorial Diagrams helped A Lot → 1 2 3 4 5 ← ISS Pictorial Diagrams DID NOT help

Comments and/or Suggestions ? \_\_\_\_\_  
\_\_\_\_\_

⑧ Please indicate on a scale of 1 to 5, the quality and realism of your OVERALL Space Simulation Experience ?

VERY GOOD → 1 2 3 4 5 ← COULD USE MUCH IMPROVEMENT

Comments and/or Suggestions ? \_\_\_\_\_  
\_\_\_\_\_

**IF YOU'D LIKE TO MAKE ADDITIONAL COMMENTS AND/OR SUGGESTIONS ABOUT ANY ASPECT OF THE SIMULATION, PLEASE INCLUDE THEM ON THE NEXT PAGE.**

Give this form to a test/training coordinator or lay it on the table near the simulator when you are finished. The entire SpaceSim team thanks you for your participation.

## **ADDITIONAL COMMENTS AND SUGGESTIONS**

## **EVALUATOR'S COMMENTS**