

Flight Simulator Operation Xplane 12 Revised – 2/3/24

X-plane uses 4 computer screens and 2 computers.

The top 3 screens (scenery screens) show a panoramic view of what you see when looking through any of the windows while you are in the aircraft cockpit. They are controlled by the computer keyboard that has a Trackpad in it and is labeled "Scenery".

The bottom screen (Panel Screen) shows all the flight instruments in the cockpit. It also can show all of the inside of the aircraft cockpit.

**To Start Flying**

Begin by putting the Panel Screen on your lap. Then double click on the xplane 12 Icon on the keyboard.

Then load "start flight" by clicking on "load flight".

First look at the Aircraft list and find & click on the one you want to fly.

Then pick the Airport you want to fly from by clicking in the Location box area found in the upper right hand corner of the screen.

Then click on the word "Customize" in the upper right hand corner of that same area which will allow you to pick the location you want to start your aircraft from. "Clicking Customize" will bring up a picture of the airport you picked and you will then need to click a location on the picture shown as to what specific location you want to start from at that specific airport. Click on the blue button showing the location you want your aircraft to be at.

Each airport will also allow you to start from a number of other locations that you may want to start your aircraft from.

Do not change the time box at the right bottom of the screen.

Do not take the next action until the panel screen shows the cockpit view. Once the panel screen is done and you can see the cockpit view you can.....

Start the Scenery Screens by clicking on xplane 12 icon on the top left hand side screen

When it is done installing xplane click on ???.

Loading this portion of the program takes a bit of time but you will see it is loading by watching the blue line as it does so.

Once all three scenery screens load up you are ready to go.

**BEFORE YOU START FLYING** you might want to set up your flight by using some of the available shortcuts but never click or mess with 'Settings'.

You can center the instrument panel on the monitor by selecting # 5 on the panel keyboard (in the #'s box on the right side of the keyboard – not the numbers on the top of the instrument panel.)

Be aware that the left throttle controls the speed of single engine aircraft. The right throttle is used for multi-engine aircraft & is used in conjunction with the left throttle.

If you want you can also remove the Yokes from the screen and get it out of the way by placing the panel mouse cursor on the base of the yolk, till the arrow changes to a hand, and then clicking it once.

If you find your aircraft brakes are set you will need to correct that by pushing on the to brakes at the same time.

The grey button on the top front of the joystick will Pause your Flight .

Also be aware that when you are in flying you can change any of the parameters you had previously set in! For example, during a flight you may want to change the aircraft you are flying planes or the airport you want to land at to

To do so first 'pause' your flight.

Then change what you want by clicking at the top of the panel screen at the upper left hand side on 'flight configuration'. This will take you to the items you had set before for your Aircraft, Location or Weather all of which you can now change.

1. When finished click CONFIRM. Then in about the same location click START NEW FLIGHT. Then if it the request comes up again in the Aircraft area, just click START NEW FLIGHT once again.

Lastly click the PAUSE button again this time to un-pause & continue the flight.

### **ENDING YOUR X-PLANE FLIGHT SESSION**

When you're ready to end your session put the scenery screen back on your lap.

Go to top left of the screen and click on FILE, then QUIT on the drop down menu. Then on the left side bottom of the screen put your cursor over the WINDOWS icon and click. Then run the mouse up to the grey icon with a head on it. This action will bring up an additional menu. Continue to scroll up on the additional menu and click SIGN OUT.

Then take the same exact actions with the Panel Mouse.

### **TO SEE DIFFERENT VIEWS OF THE INSIDE OF THE AIRCRAFT:**

Press the number keys, on the right side of the Panel keyboard, not the ones on the top row of the keyboard: These keys will let you:

7 = look out left side      9 = look out right side

5 = Instrument Panel      2 = look down in front

4 = Out of left window    1 = look left rear

6 = Out of right side      3 = look right rear

8 = look to outside at rear

### **TO SEE VIEWS OF THE AIRCRAFT AS IF YOU WERE OUTSIDE**

Using the Keyboard Shift key and at the same time press the number keys on the top of the keyboard.

Shift + 2 = to see the aircraft from Front

Shift + 3 = to see the aircraft from Behind

Shift + 4 = to see the aircraft looking from the Right

Shift + 5 = Panorama as seen from the Tower

Shift + 6 = looking from the rear of the aircraft looking forward

Shift + 7 = Instruments (2d image)

Shift + 8 = Similar rear view as #6 above but further back.

Shift + 9 = Instruments (3d image)

### **FINISHING YOUR FLIGHT**

Before you leave the simulator pencil in your flight & or any aircraft problems you have found on the clipboard under the panel screen.

Log out of your xplane flight by doing the following on both the panel & scenery screens.

On the lower hand corner of both screens put your cursor on the black windows looking icon & click on it.

Then scroll up the white icon that looks like a head & scroll up and click on logout.

***WE HOPE YOU HAVE ENJOYED FLYING THE FLIGHT SIMULATOR***

**TO MAKE RESERVATIONS FOR YOUR NEXT FLIGHT**

Using a computer go to [grandcomputers.org](http://grandcomputers.org) & click on login & put in your cam number & password.

Click on reservations and then click on 'reserve simulator or specialized equipment'

On the dropdown menu click on flight simulator.

Double click on the calendar on the date and time you want to reserve. Double clicking on that spot will automatically put in you name and will reserve that time and date for you. (double clicking on your name will undo the reserve)

When you are finished go back up to the right side of the screen and click on 'logout'.

To contact a trainer call Bernie Silverman at (480) 209-5669 or at [BSilverman2g@gmail.com](mailto:BSilverman2g@gmail.com)