Quick Start Guide
Console Simulators

Power ON checklist
1. Turn on ALL monitors
2. Turn on Power switch located behind console
3. Turn on PFD & MFD (Press and hold power button, located on bottom left corner of each bezel)
4. Turn on computer

Power OFF checklist
1. Perform normal aircraft shutdown procedures
   a. Kill engine
   b. Set fuel selector to OFF
   c. Turn off all bolster switches
   d. Turn off fuel pump
   e. Set ignition key to "OFF"
   f. Ensure both BATT 2 & 1 are in the OFF position
2. Press the Windows key on the keyboard, and click on "NFS Quit Simulation"
3. Press Windows key again, click on the power button icon, select shutdown
4. Turn OFF power switch located on back of the Console
5. Turn OFF all remaining monitors and screens.

Launching the Simulation

To Start the Sim Session
Press the Windows key on your keyboard, and click on
"NFS Launch Sim" in your start menu
This will automatically start all software related to the sim sessions

To Quit the Sim Session
Press the Windows key on your keyboard, and click on
"NFD Quit Simulation"
This will immediately close X-Plane, Noble Software and any other related software.
There's no need to close X-Plane 1st. The Windows Start menu will display even if X-Plane is running.

Starting the Aircraft

The following is a quick reference guide for starting the aircraft, and not intended to reproduce actual CIRRUS procedures. You may follow the steps outlined in the CIRRUS POH if desired

1. Turn on BATT 2&1
2. Move the Throttle and Mixture levers up and down. Doesn't matter in which direction they're moved.
3. Set the Mix to Full, Throttle to 25%
4. Set fuel selector switch to LEFT ON
5. Even though the aircraft will start without Boost\Prime procedures, it's recommended to follow the checklist.
6. Turn ignition key to "Start" Once the engine is running, be sure to move the ignition key back to the "BOTH" position
7. If the sim is equipped with a physical parking brake lever, push both toe brakes in, then pull out the parking brake handle. To release the parking brake, push the lever in.
8. If the sim is NOT Equipped with a parking brake handle, press both toe brakes down to release the parking brake. To engage the parking brake, hold both toe brakes down, then press "b" on the computer's keyboard

X-Plane 11 Reference guide

X-Plane 11 offers a very complex simulation for flight, and has many, many features and settings. This portion of the Noble Flight Simulation Quick Start Guide will serve to provide an easy to follow reference for the most commonly used functions.

X-Plane 11 Shortcut Keys
The complete list of keyboard shortcuts can be overwhelming, therefore only the ones that are used most often will be listed below. A complete list can be found in the NFS Product manuals. The keystrokes are not case sensitive unless otherwise noted. Key combinations listed below will be abbreviated. Ensure **NUMBER LOCK** is **ON**

Views

Pre Programed view settings These view settings are preset by Noble staff
NUM 2   Look down at throttle and mixture
NUM 6   Look Left
NUM 4   Look Right
NUM 8   Forward View w Propeller
NUM 7   Forward View No Cockpit
Creating custom views
 . Top row number keys are NOT available for setting custom views.
Hold **RIGHT CLICK** while moving the mouse. Once the left wing is in view, press
CTRL+NUM 6
To look Right -
HOLD **RIGHT CLICK** while moving the mouse, Once the right wing is in view, press
CTRL+NUM 4
To look down (Fuel selector switch)
Hold RIGHT CLICK while moving the mouse. Once the fuel selector switch is in view, press
CTRL+NUM 2
Once the views are set, simply press the number keys assigned. DO NOT PRESS CTRL, this will set your views instead of changing to them.**UP DOWN LEFT RIGHT Arrows** Pans view according to arrow keypress

X-Plane 11 Menu Items

Although X-Plane 11 has several menu items and settings, just about everything you need to set is listed under the **Flight, Flight Configuration Menu item** To access the X-Plane menu, simply move the mouse to the top of the screen.

~   Shortcut key to open Flight Configuration menu.
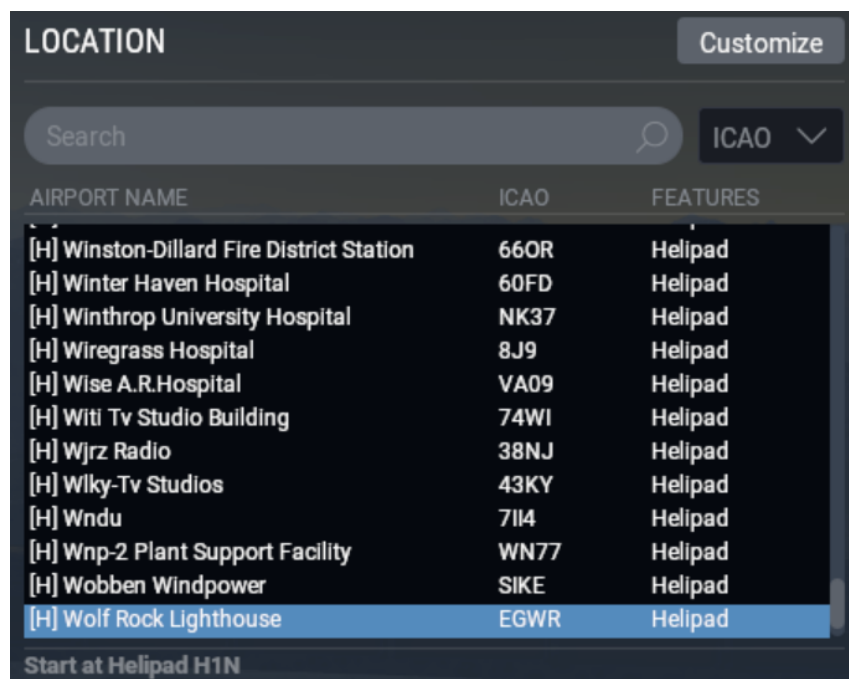
CHANGE LOCATION   This changes the airport. Simply click "Change Location" and enter any ICAO airport code. Double clicking on the airport name will open more options, which allows you to change to a different runway, ramp or even set up a 3 or 10 NM approach.

Once the desired options are set, click "START NEW FLIGHT"

WEATHER To change the weather, move the slider from Left to Right. On the Left, it's clear skies, and progressively adds clouds and reduces visibility as you drag the slider to the right. For real time weather, select
CUSTOMIZE
WEATHER MODE, select
REAL TIME WEATHER
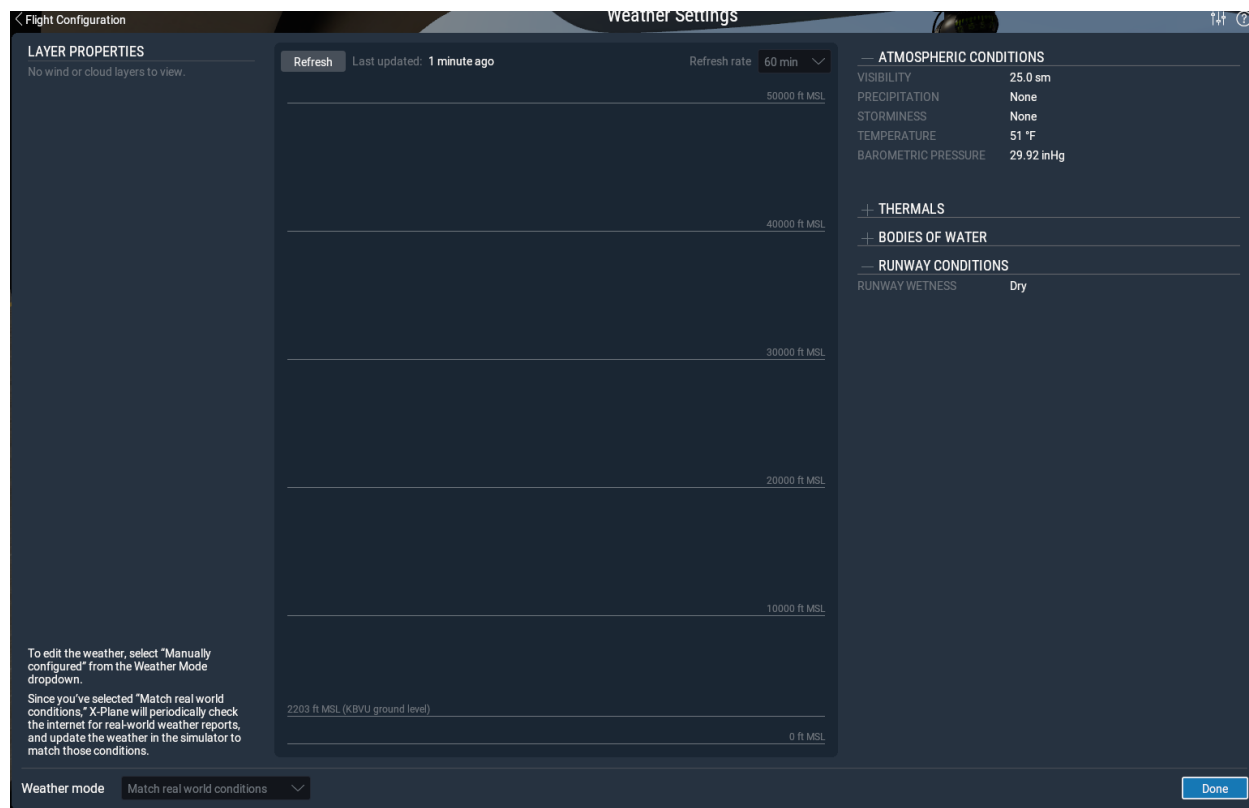
NFS Cirrus Menu Items

To add fuel, charge batteries, weight and balance, please follow the steps outlined below

ADDING FUEL

Open the X-Plane menu
Select Flight
Select Edit Weight and Balance
Move the "Total Fuel Weight" Slider to the right to add fuel
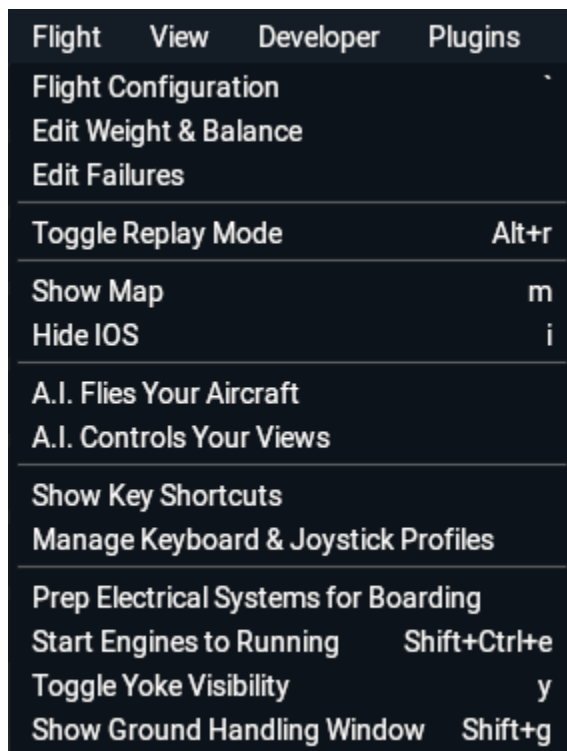
Recharging the batteries.

If the aircraft batteries are turned on without the engine\alternators on, the battery may die if sitting idle for too long

To recharge, do the following

Open the X-Plane Menu bar
Select Flight, and click on
"Prep Electrical System for Boarding"

Flight	View	Developer	Plugins
Flight Configuration			`
Edit Weight & Balance			
Edit Failures			
Toggle Replay Mode			Alt+r
Show Map			m
Hide IOS			i
A.I. Flies Your Aircraft			
A.I. Controls Your Views			
Show Key Shortcuts			
Manage Keyboard & Joystick Profiles			
Prep Electrical Systems for Boarding			
Start Engines to Running			Shift+Ctrl+e
Toggle Yoke Visibility			y
Show Ground Handling Window			Shift+g

Failures

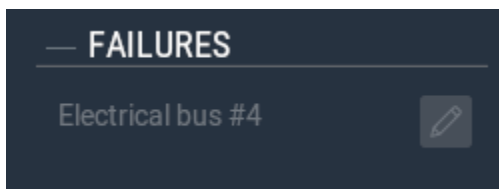*Below is a list of common failures and how to enable\disable them*
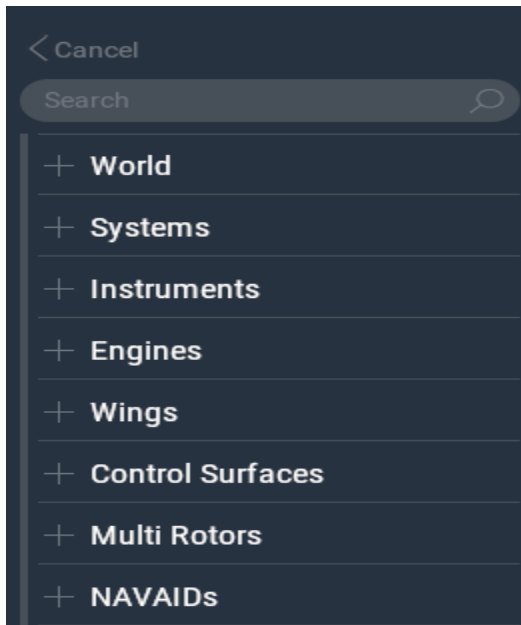
Using the Instructors Operating Station (IOS Window)
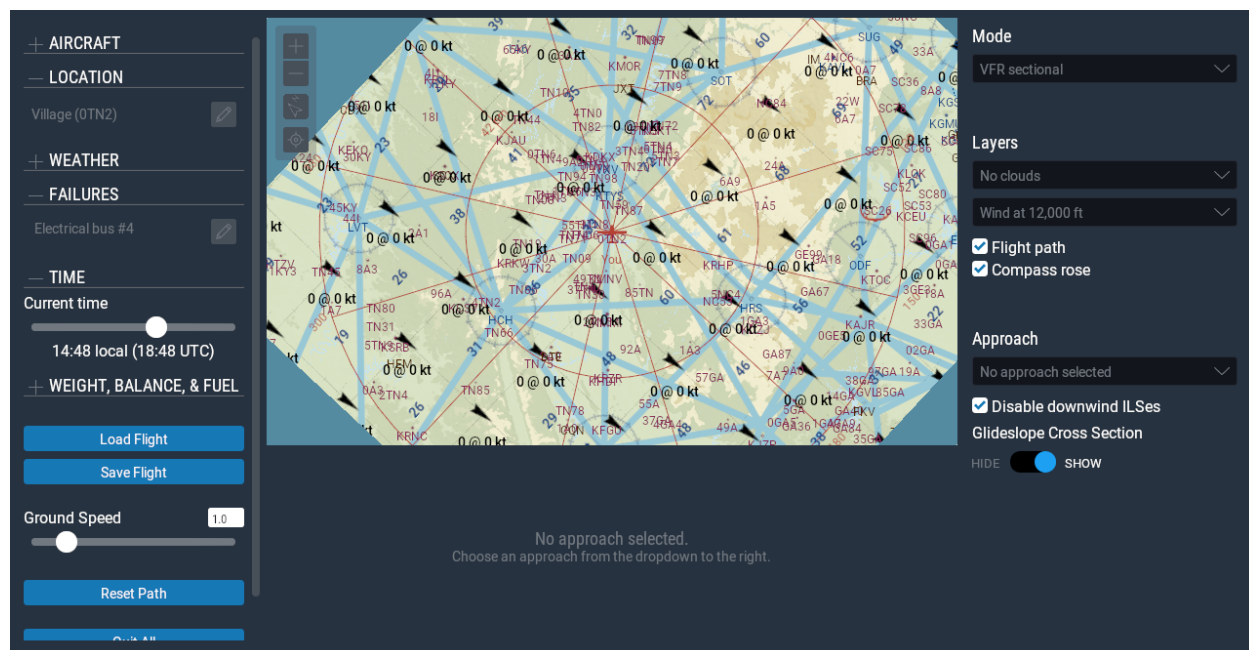
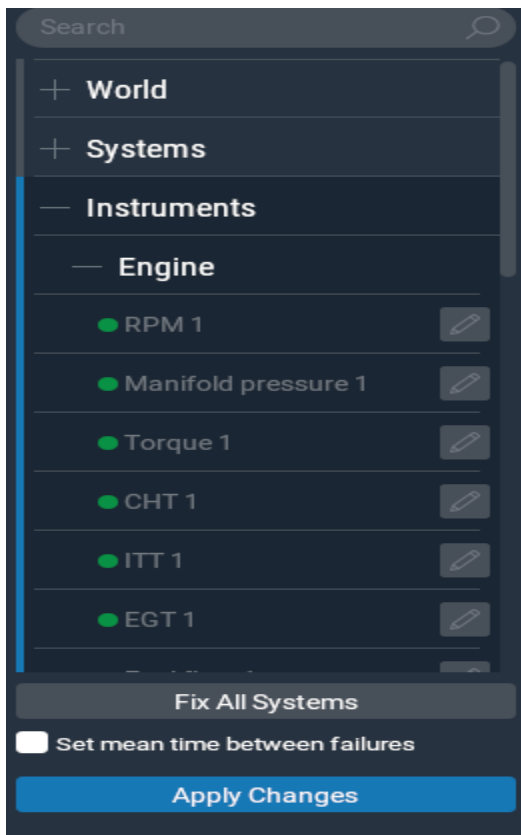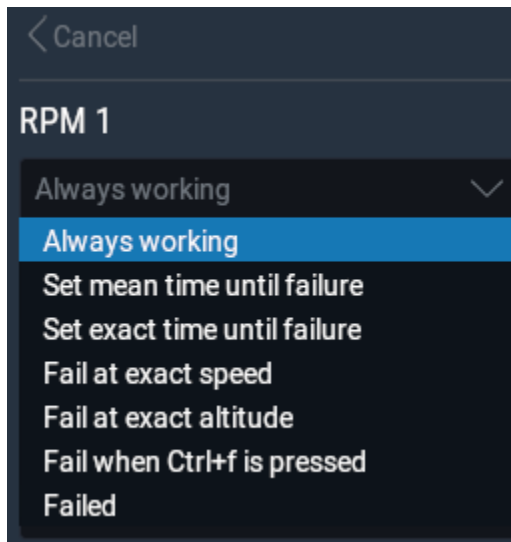1. **Click on the + button next to FAILURES**

2. **Click on the Pencil icon**

3. **Select the desired failure category**

Cancel

Search

+ World

+ Systems

+ Instruments

+ Engines

+ Wings

+ Control Surfaces

+ Multi Rotors

+ NAVAIDs

4. **Select the sub-catagory**

Search

+ World

+ Systems

— Instruments

   — Engine

    ● RPM 1

    ● Manifold pressure 1

    ● Torque 1

    ● CHT 1

    ● ITT 1

    ● EGT 1

Fix All Systems

☐ Set mean time between failures
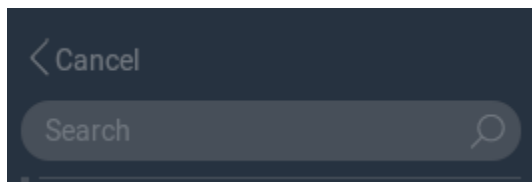
Apply Changes

5. Click on the Pencil icon, then the drop down box

And Select the fail type.

6. You may also simply type in a failure to search in the search bar

7. To restore all systems to Normal, press the Fix All Systems button at the bottom of the fail screen