



Artisan Simulation Super Viking

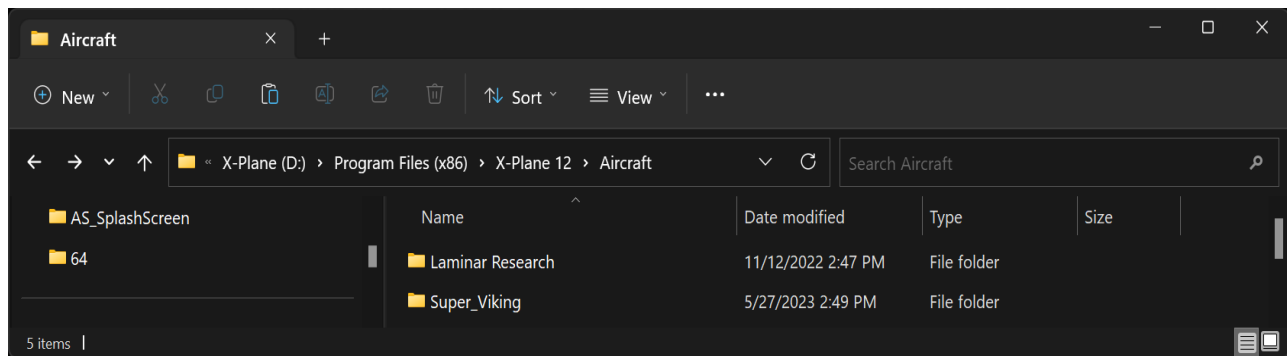
Installation and User's Guide



Thank you for purchasing the Super Viking! Artisan Simulation is proud to offer this aircraft as our first payware offering. Our goal is to provide high quality and affordable aircraft add-ons which you can enjoy as a stand-alone aircraft or supplemented by additional offerings from the X-Plane flight sim community. As a result, you can outfit your Super Viking in any panel configuration you desire.

1. Installation

- a) Download and unzip the “Super_Viking.zip” file.
- b) Copy the resulting “Super_Viking” folder into the “Aircraft” folder in X-Plane.



- c) The folder contains all the files needed for Windows, Mac and Linux version. The Mac files will work on both x86 (Intel) and arm64 (Apple) hardware. X-Plane running under Mac’s Rosetta is also supported.

Note: You will receive a confirmation email with a link to download the zip file. The email will also include your license validation key which is needed to activate your aircraft. **You are responsible for keeping this information and the zip file for any future re-validation , if needed.** As a courtesy, you may also find your license key and downloads within your account page on the <https://artisansimulation.com> website.

2. User’s Guide

This section provides a quick overview of the user-based systems provided with the Super Viking. For a detailed use of any aircraft system for controlling the airplane, please refer to the Super Viking Pilot Operating Handbook (POH).

- a) **LANDING GEAR OPERATION** - The Super Viking is equipped with an optional “Auto-Axtion” automatic landing gear system. This automatic gear extension and retraction inhibitor is a back up safety device only and should not be relied on for normal operations. The system is off by default, but can be enabled through the System Menu (Windows and Linux) or the Super Viking Menu (Mac).

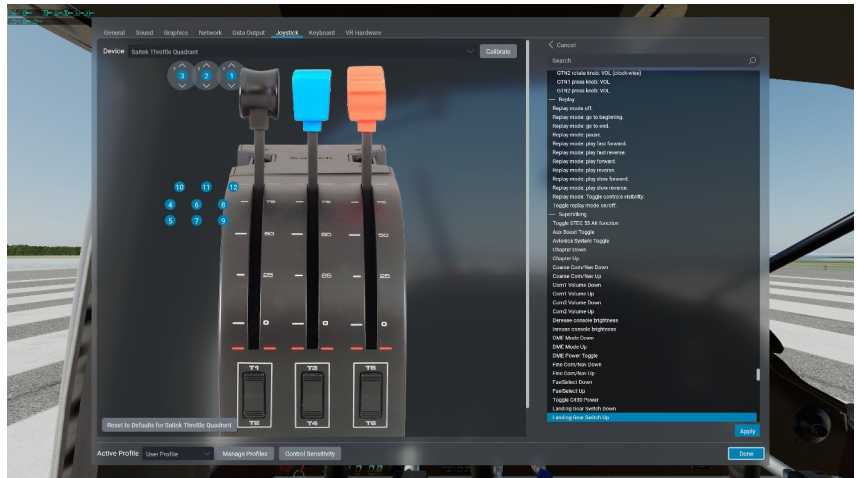
- (1) The Landing Gear will only retract only if:
 - i. Aircraft is off the ground, and
 - ii. Throttle is in the FULL OPEN position, or
 - iii. Indicated Airspeed (IAS) is greater than 105 MPH.
 If the Landing Gear Selector is set to the UP position prior to meeting these conditions, the gear will remain DOWN until they are satisfied.

- (2) The Landing Gear will automatically extend to avoid an accidental GEAR UP landing regardless of the Landing Gear Selector position when:
 - i. Master Switch is ON, and
 - ii. IAS is below 95-105 MPH, and
 - iii. Throttle is LESS THAN FULL OPEN.
 If the gear has been extended by the system, the landing gear will retract when these conditions are no longer present.

b) Special Key Bindings

- (1) Most keybindings for joysticks/yolks, rudder pedals and throttles are standard X-Plane bindings.
- (2) A Special binding is used for the Landing Gear Up and Down controls due to the “Auto-Axtion” automatic safety controls (See (a) above):

- i. Gear Up – Use “SuperViking” → “Landing Gear Switch Up”
- ii. Gear Down – Use “SuperViking” → “Landing Gear Switch Down”



c) There are four different versions of the Super Viking included in the aircraft package:

- (1) The base steam-gauged aircraft. This has all analogue dials similar to a well-equipped Super Viking of its day. G5 instruments (sold separately) are available as an add-on covered in the next section.



(2) A G1000 version on the aircraft. G5 instruments are available.



(3) A version using the Reality XP G750 (sold separately) add-on. G5 instruments are available.

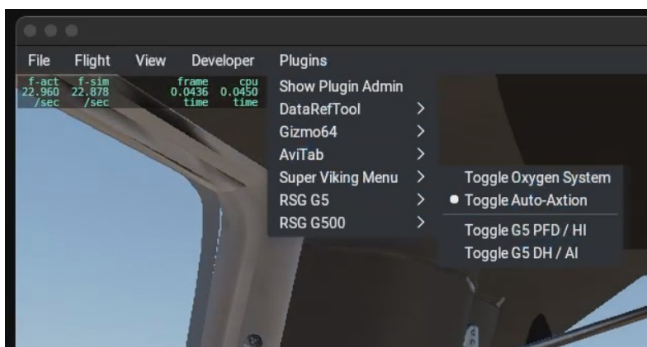


(4) A version using the Real Sim Gear G500 add-on(sold separately). RSG G5 instruments (shown – sold separately).



d) Windows and Linux:

You can activate the Services Menu (AS System Menu) and toggle your Avitab Tablet from the “Plugins” Menu on X-Plane. The “Avitab” plugin must be downloaded and installed in the X-Plane Plugins Folder. The tablet will appear to be off if Avitab is not installed.



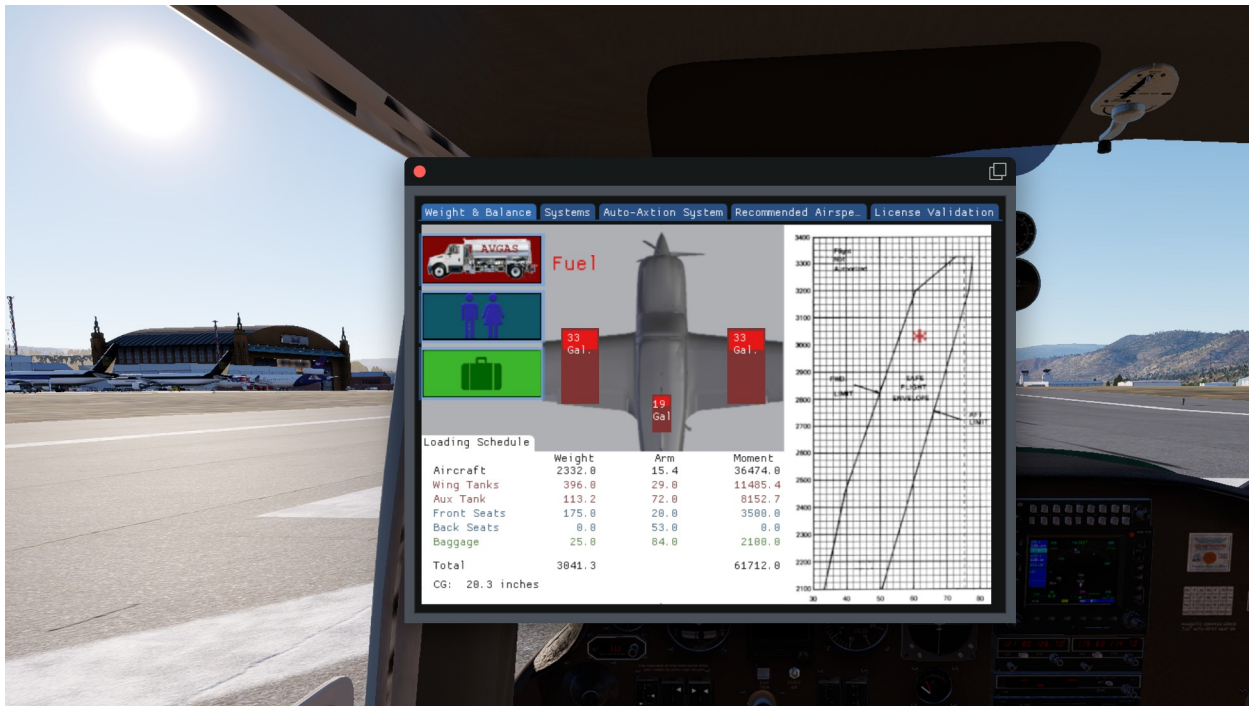
Mac: The menu provides a means to toggle the oxygen system on and off, toggle the Auto-Axtion Landing System and toggle the G5's if equipped.



e) You may also toggle the tablet in flight by clicking on the tablet's body in either the pilot's side pocket or when it is being displayed below the throttle lever.



f) Windows and Linux: You can activate the Services Menu in flight by clicking on the middle left-side tab on the middle tablet when it is being displayed.



g) On the Windows and Linux: You can adjust the fuel, passengers and baggage by clicking on the appropriate button and then moving the sliders that appear over

the airplane. Moving the sliders immediately changes the loads on the aircraft and affects the Weights and Balances calculations on the bottom of the screen. The red asterisk (*) charts the resulting calculations on the graph. The asterisk should be inside the black lines indicating a safe weight and balance configuration.

Mac: Please use the default Weights and Balance system on X-planes menu.
(Flight → Edit Weights and Balance)



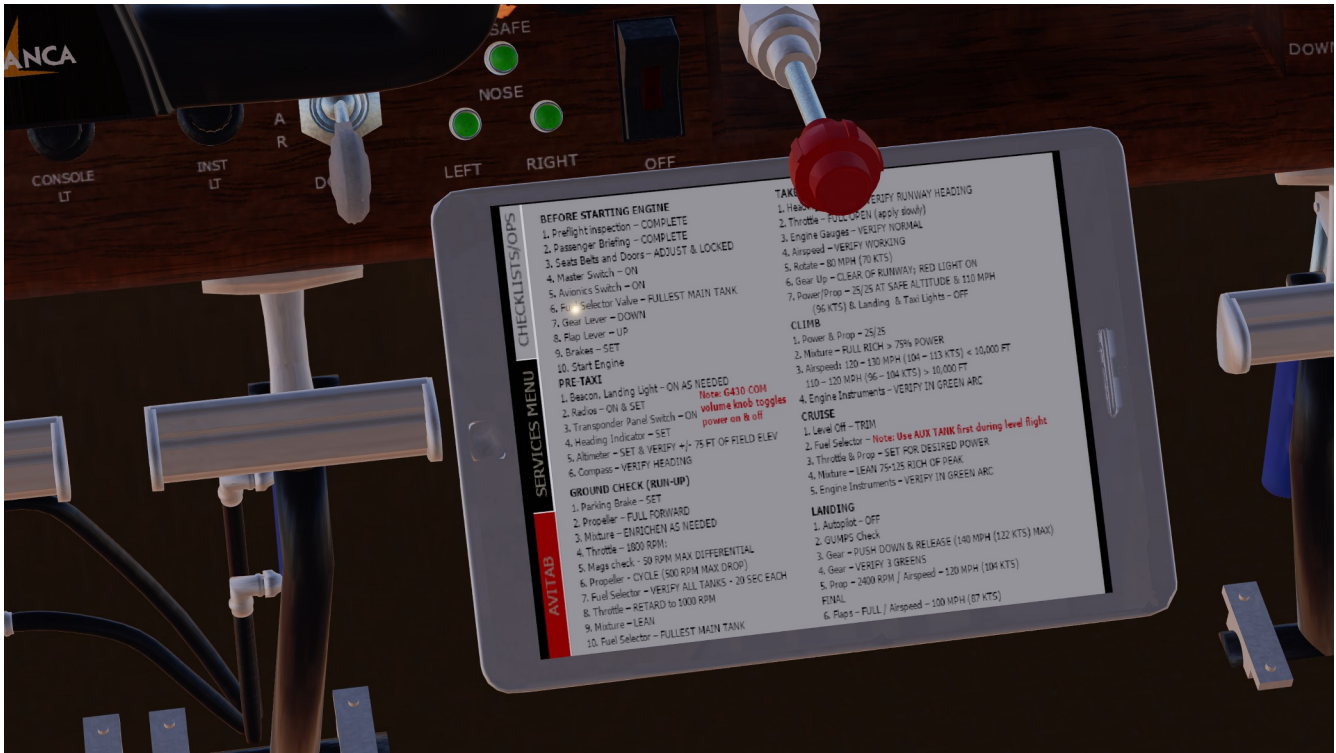
h) Windows and Linux: The Systems tab provides a means to adjust and monitor the oxygen level. The oxygen system has a check box that toggles the oxygen system on or off.



- i) The Auto-Axion system is enabled or disabled on this tab. For more information, see the full description in section 3.a of this manual.



- j) Windows and Linux: The Recommended Airspeeds tab provides a quick reference to the speeds contained in the Super Viking POH.



k) The basic checklists are on first tab of the tablet and in the “Super Viking POH” in the Documents folder.



l) The door handle opens and closes the door.



m) The analog EGT gage has a red witness mark to determine maximum temperature. Each tick-mark represents approximately 25 degrees. Click on the gauge to reset the witness mark.

4. Add-On Support



- a) **Real Sim Gear G5 Instruments:** The Super Viking supports the optional Real Sim Gear G5 instrument package which is purchased separately. If installed on the Super Viking following RSG's G5 instructions, you have the option to choose between those gauges and the standard steam gauges on the Systems Menu. The RSG G5's are available on Windows and Mac systems. The Mac versions only work on Intel based Mac's and Arm based Mac's running X-Plane through Rosetta.

On Mac G5 version's you may toggle the G5 displays via the Super Viking option of the Plugin Menu.



b) **Real Sim Gear G500 Displays:** The Super Viking supports the optional Real Sim Gear G500 display package which is purchased separately. If installed on the Super Viking following RSG's G500 instructions, you will be able to load and use the G500 version of the Super Viking.



c) **Reality XP G750:** The Super Viking supports the optional Reality XP G750 display package which is purchased separately. If installed on your X-Plane installation following RXP's G750 instructions, you will be able to load and use the G750 version of the Super Viking.

Notice: The Super Viking is intended for recreational simulation use and is not intended or approved for and real world training or flight analysis.

Artisan Simulations strives to provide accurate modeling of real word aviation systems. However, the Super Viking is provided as is. Artisan Simulation, LLC provides no warranty or agreement to correct any defects, omissions or errors. Any constructive comments, recommendations or corrections are appreciated:
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