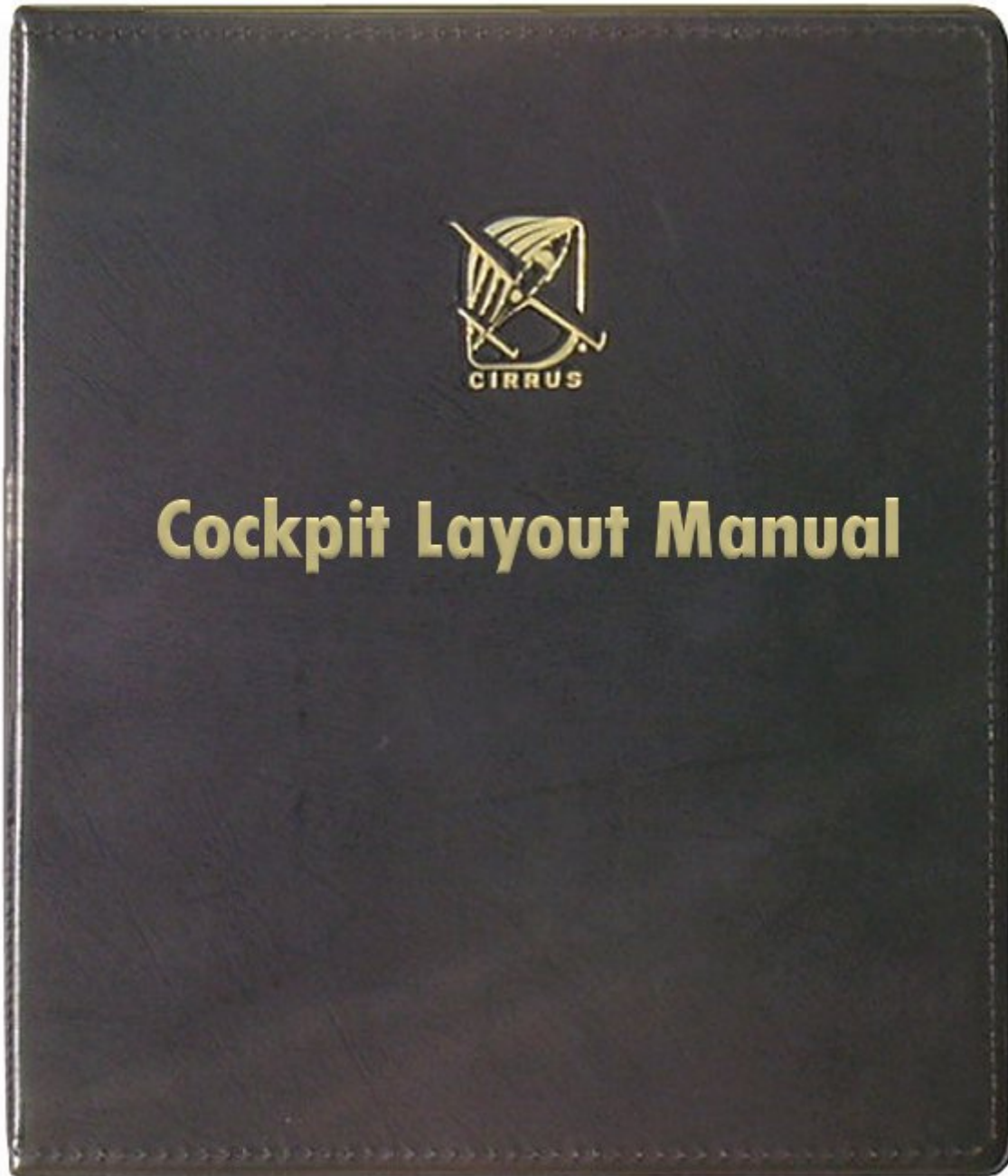


**Cirrus SR20 G2 Cockpit Layout Manual**



**Standard Disclaimer**

This manual is intended for recreational use in Microsoft Flight Simulation 2004 ONLY and may NOT be used in any Real World Aviation application. The authors are not responsible for errors or omissions.

## CIRRUS SR20 G2 COCKPIT LAYOUT



The Eaglesoft Development Group Cirrus SR20 G2 Cockpit Layout Manual is designed to quickly orient the novice or experienced flight simulation pilot with an overview of the various views and view controls available in the Cirrus SR20 G2 model.

**Note:** For added “realism” we have substituted the use of “Simicons” in this model in favor of clickable transparent “Hotspots”. The following pages should help users memorize the “Hotspots” quickly.

**Note:** Throughout the cockpit most gauges allow the use of mouse wheel rolling to make settings such as Altitude, Radio Tuning, etc.

**Note:** For Real World information and free Real World PDF Documents please visit the Cirrus Site from the following URL. <http://www.cirrusdesign.com/>

**Note:** For Real World information and free Real World PDF Documents please visit the Avidyne Site from the following URL. <http://www.avidyne.com/techpubs.shtm>

**Note: Eaglesoft Development Group Product Support:** Please **Register** and **Login** to our **Support Forums** for product support at the following URL.  
<http://www.eaglesoftdg.com/forum/>

**Note:** See **Avidyne Flightmax PFD and MFD Manuals** for detailed operation of **PFD and MFD**.

**Note:** See **Garmin Manual** for detailed operation of **Audio Panel, GNS 430, and Transponder**.

**PREFLIGHT GAUGE [PREFLIGHT GAUGE WINDOW]**



1. Using keyboard command **Shift+9** displays the **Cirrus Preflight Gauge**. Clicking the buttons on the preflight gauge toggles the display for the listed conditions.



**CIRRUS SR20 G2 MAIN VIEW [DEFAULT]**

The Eaglesoft Development Group Cirrus Cockpit Layout contains **Three Main Views**, **Two Avidyne Flightmax Entegra Zoom Views** and **Multiple Popup Window Views** as follows...



The Cirrus SR20 G2 **Cockpit Views** are accessed by clicking the associated transparent "Hotspots" as illustrated above...

1. Clicking within the rectangle toggles **Main [Default]** and **Main [Zoom]** View.
2. Clicking within the rectangle toggles **Main [Default]** and **Main [Right]** View.
3. Clicking within the rectangle toggles **Main [Default]** and **PFD [Zoom]** View.
4. Clicking within the rectangle toggles **Main [Default]** and **MFD [Zoom]** View.

**Note:** See **Avidyne Flightmax PFD and MFD Manuals** for detailed operation of **PFD** and **MFD**.

## CIRRUS SR20 G2 MAIN VIEW [ZOOM]



The Cirrus SR20 G2 **Zoom Cockpit Views** are accessed by clicking the associated transparent “Hotspots” as illustrated above...

1. Clicking within the rectangle toggles **Main [Default]** and **Main [Zoom]** View.
2. Clicking within the rectangle toggles **Main [Default]** and **Main [Right]** View.
3. Clicking within the rectangle toggles **Main [Default]** and **PFD [Zoom]** View.
4. Clicking within the rectangle toggles **Main [Default]** and **MFD [Zoom]** View.

**Note:** See **Avidyne Flightmax PFD and MFD Manuals** for detailed operation of **PFD** and **MFD**.

## CIRRUS SR20 G2 MAIN VIEW [RIGHT]



The Cirrus SR20 G2 **Right Cockpit Views** are accessed by clicking the associated transparent “Hotspots” as illustrated above...

1. Clicking within the rectangle toggles **Main [Default]** and **Main [Zoom]** View.
2. Clicking within the rectangle toggles **Main [Default]** and **Main [Right]** View.
3. Clicking within the rectangle toggles **Main [Default]** and **PFD [Zoom]** View.
4. Clicking within the rectangle toggles **Main [Default]** and **MFD [Zoom]** View.

**Note: Temperature Controls** are non functional in this model.

## AVIDYNE FLIGHTMAX ENTEGRA PFD [ZOOM VIEWS]



The Cirrus SR20 G2 **Avidyne Flightmax Entegra PFD Zoom Views** are accessed by clicking the associated transparent “Hotspots” as illustrated above...

1. Clicking within the rectangle toggles **Main [Default]** and **Main [Zoom]** View.
3. Clicking within the rectangle toggles **Main [Default]** and **PFD [Zoom]** View.

## AVIDYNE FLIGHTMAX ENTEGRA MFD [ZOOM VIEWS]



The Cirrus SR20 G2 **Avidyne Flightmax Entegra MFD Zoom Views** are accessed by clicking the associated transparent "Hotspots" as illustrated above...

2. Clicking within the rectangle toggles **Main [Default]** and **Main [Right]** View.
4. Clicking within the rectangle toggles **Main [Default]** and **MFD [Zoom]** View.



## POPUP WINDOW CONTROL [POPUP WINDOW VIEWS]



The Cirrus SR20 G2 **Popup Window Views** are accessed by clicking the associated transparent “Hotspots” as illustrated above...

1. Clicking within the rectangle toggles the **Electrical Panel Popup View**.
2. Clicking within the rectangle toggles the **Standby Instrument Panel Popup View**.
3. Clicking within the rectangle toggles the **Throttle Console Popup View**.
4. Clicking within the rectangle toggles the **Radio Stack Popup View**.
5. **Left** Clicking within the rectangle turns Magneto Switch **OFF**. **Right** Clicking within the rectangle turns Magneto Switch **ON** and allows **Engine Start**.
6. Clicking **Test Text** allows test illumination of the **Annunciator**. Clicking **Dim Text** dims **Annunciator** if a warning is illuminated.
7. Clicking within the rectangle toggles the **Cirrus Mini Autopilot Window**.
8. Clicking within the rectangle toggles the **Cirrus CAPS Control and Reset Gauge**.
9. Clicking within the rectangle toggles the **Cirrus Compass Window**.
10. Clicking within the rectangle toggles the **Cirrus Preflight Gauge**.
11. Clicking or rolling mouse wheel within the rectangle toggles the **Cirrus Viewpoint Gauge**. Cirrus Viewpoint Gauge allows the Pilot to vary the Horizon View to his preference.

## ELECTRICAL CONTROL PANEL [POPUP WINDOW VIEWS]



The Cirrus SR20 G2 **Popup Electrical Switches** are clearly labeled and their operation is described below...

1. Clicking the Upper Portion of any switch activates the switch to **ON** Position.
2. Clicking the Lower Portion of any switch activates the switch to **OFF** Position.
3. **BAT1** and **ALT1** are the default electrical controls for the Cirrus SR20 G2. **BAT2** and **ALT2** serve as redundancy electrical supply in the simulation. Selection of either **BAT1** or **BAT2** controls power supply to the **Avidyne Flightmax Entegra PFD**.
4. Clicking the **Avionics** switch controls power supply to the **Avidyne Flightmax Entegra MFD**.
5. Clicking the two **Ice Protection** switches simply animates the switches. [Deicing not modeled due to Flightsimulation limitations].
6. Clicking the **Nav, Strobe, and Land** light switches toggle each function **ON** or **OFF**
7. **Right** clicking the **Instrument Light Knob** once activates level one of Standby Instrument Lighting and Radio Stack Night Lit Text, **Right** clicking again activates level two of the Standby Instrument Lighting.
8. **Right** Clicking the **Panel Knob** activates Panel Lighting.
9. **Right** clicking the **Overhead Light Knob** once activates level one of the Overhead Lighting, **Right** clicking again activates level two of the Overhead Lighting.
10. Clicking the screw head toggles the Popup Window.



## STANDBY INSTRUMENT PANEL [POPUP WINDOW VIEWS]



The Cirrus SR20 G2 **Popup Standby Instrument Panel** allows adjustment to the Standby ADI and Standby Altimeter as follows...

1. **Right** or **Left** clicking the center knob on the **ADI** adjusts the “flying wings” up or down. Clicking the **Cage Knob** toggles the **Cage/Un Cage** function.
2. **Right** or **Left** clicking the lower left knob on the **Altimeter** adjusts the Barometric Pressure settings.



3. Clicking near the center of the Popup Window will close the window.

## RADIO STACK PANEL [POPUP WINDOW VIEWS]



The Cirrus SR20 G2 **Radio Stack Panel** allows adjustment to the GMA 340 Audio Panel, Dual GNS 430 Stack, GTX330 Transponder, and STEC 55X Autopilot along with Autopilot Disconnect, Flap Gauge and Trim Function as found in their respective sections of this manual.

1. Clicking the **Center** Portion of **Autopilot Disconnect** switch turns **OFF STEC 55X Autopilot**.
- 1a. Clicking and holding the **U, D, L, R**, Portion of **Autopilot Disconnect** switch activates **Up, Down, Left, Right** Trim Functions. “**Tool Tips**” provide a digital readout of Trim Settings.
2. Clicking the **Flaps Knob** moves the **Flap Knob** to the desired position.
3. Clicking the rectangle closes the Popup Radio Stack Window.



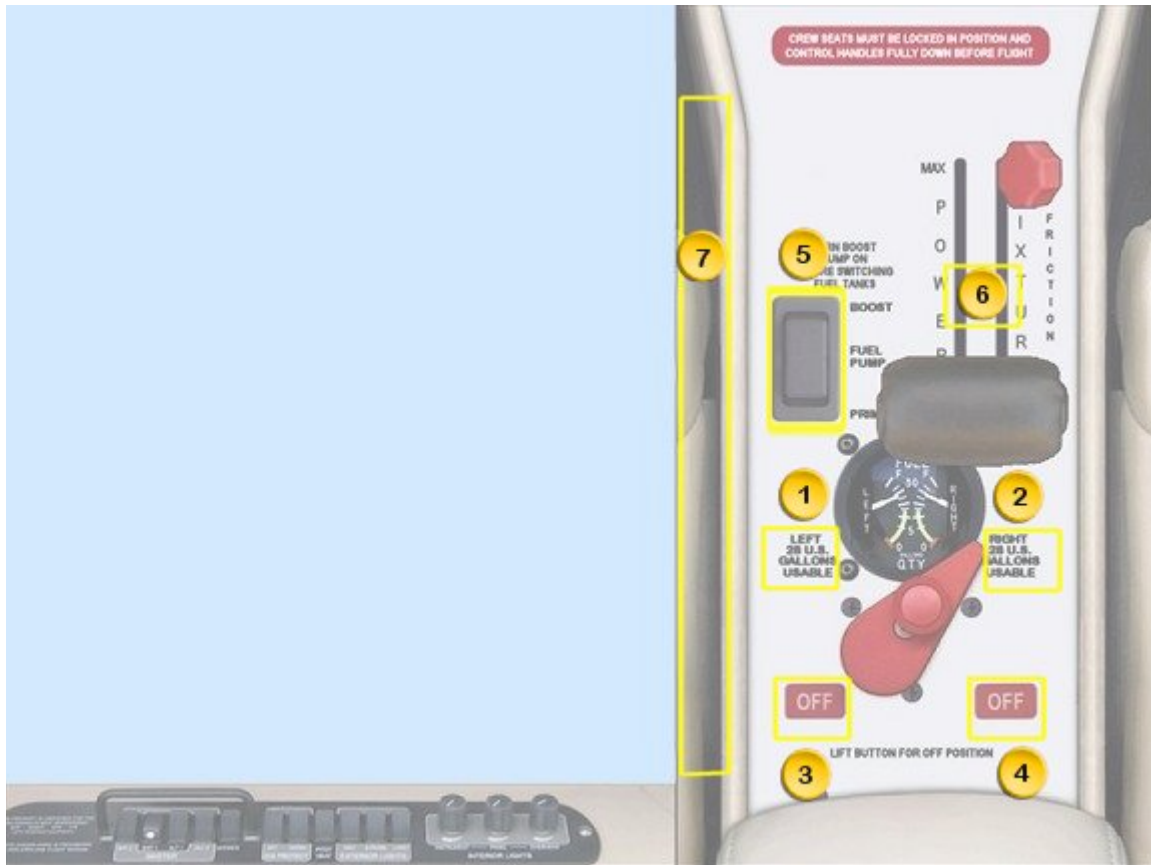
## MINI AUTOPILOT [POPUP WINDOW]



1. Clicking the transparent hotspot displays the Popup Autopilot.
2. Clicking the transparent hotspot disconnects the Autopilot.
3. Clicking within the rectangle closes the MINI AP window.

**Note:** See **STEC 55X Autopilot Manual** for detailed operation of **Auto Pilot functions**

## THROTTLE CONSOLE PANEL [POPUP WINDOW]



The Cirrus SR20 G2 **Throttle Console Panel** allows adjustment of Throttle, Mixture, Fuel, and Fuel Boost functions as follows...

1. Clicking the **Left Text** toggles **Fuel Selector** switch to the Left Tank.
2. Clicking the **Right Text** toggles **Fuel Selector** switch to the Right Tank.
3. Clicking the **Left OFF Text** toggles **Fuel Selector** switch to the **OFF** Position.
4. Clicking the **Right OFF Text** toggles **Fuel Selector** switch to the **OFF** Position.
5. Clicking the Upper Portion of the **Fuel Pump** switch activates **Fuel Boost**, clicking the Center Portion of the **Fuel Pump** switch returns it to the Default Position. Clicking and holding **Fuel Pump** switch in **Prime** Position allows the Prime function.
6. Clicking and dragging the **Throttle** or **Mixture** levers is allowed. **Mixture** lever in leanest position results in fuel cutoff.
7. Clicking the rectangle closes the Popup Window.

## CAPS Control Panel [Gauge and VC]



The Cirrus SR20 G2 **CAPS Console Panel** is available from the hidden click spot on right hand side of glare shield.

1. When in view, left clicking the CAPS cover will remove the cover and stow it in the right pocket of the VC near the copilot right knee.
2. Left clicking the Remove Pin tag will remove the pin.
3. Left clicking the Handle once will arm the CAPS system.
4. Left clicking the Handle once more will deploy the CAPS system.
5. Left and Right clicking the CAPS control gauge near the lower left or right portion of the gauge enables cycling of flight simulator views. Note: Not available in tower view.

Note: Right clicking the same spots will return you to the previous state. The same procedure is used directly in the VC

## VIRTUAL COCKPIT CLICKSPOTS [VIRTUAL COCKPIT WINDOWS]

Note: Everything clickable in 2D Cockpit is clickable in Virtual Cockpit. In addition to 2D Cockpit clickability the following list outlines other SR20 G2 Virtual Cockpit clickspots.

1. Throttle and Mixture Controls
2. CAPS Controls
3. Sunvisors
4. Overhead lights
5. Dropdown Compass Card

## Model Types ["Lite" 2D cockpit, "Lite" 3D cockpit, "Full" 2D and 3D cockpit]

Note: This package contains "Lite" 2D Cockpit only model, "Lite" 3D Cockpit only model, and "Full" 2D and 3D cockpit versions. Due to the nature of the Avidyne Gauges in the Flight Simulation environment, some users may experience an extra load while flying the "Full" 2D/3D version. We have included the "Lite" 2D Cockpit only model, "Lite" 3D Cockpit only models to assist users who may not own high end systems.