



Special AOPA Edition

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Welcome to Cirrus

Internet users note: Our address has changed to <http://isd.gte.com/gtefsd/aviation/>
Recommend you Bookmark this new site.
Telnet still: duats.gtefsd.com

Access the World of Cirrus, the Windows gateway to the GTE Direct User Access Terminal System. Cirrus allows you to request most DUATS functions off-line using an intuitive windows interface. When you are finished deciding what you need for your flight, all you need to do is click on the DIAL button and Cirrus downloads the requested information.

With its extensive database of airports and VOR's, Cirrus allows you to plan your flight graphically by pointing and clicking on a map.

A complete set of "Help" instructions are available by selecting or highlighting a function and pressing F1.

Cirrus Setup

The first time you run Cirrus, you will see a dialog box to setup the modem.

Modem Setup

Dialing: Most telephone systems support tone dialing. If in doubt whether yours does, contact your telephone company or just try the Tone option first.

Port: Choose which COM port your modem is set to. You can obtain this information by checking your computer's hardware settings, or simply try each port until one works.

Baud Rate: Baud rate is how fast your modem can send and receive data. You may select from a range of values between 1200 and 28,800 baud.

GTE DUATS phone number: You should not need to change this setting. However, you may need to add a 9 to obtain an outside line or some other modification. If you need to pause after dialing certain numbers, insert one or more commas into the phone number. Each comma will insert a pause of 2-3 seconds, For example: 9,1-800-767-9989.

GTE Graphics phone number: This number should be the same as the GTE DUATS phone number.

Initialization commands: This is preset to AT&F, a string which works on most modems. If it does not work, fill in the value you found in your modem documentation, or other Windows software that you have successfully used with your modem.

Time Zone: When you first install Cirrus, when Daylight Time begins and ends, or any time when you move your computer to a different time zone, you need to let Cirrus know. Setting your time zone tells the software how to convert between local and Zulu time. Choose the time zone, and whether it is Daylight Time.

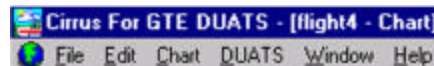
DUATS Font Size: This is the font size that will be used in the DUATS Terminal Window. If the DUATS text is running off the side of the screen, it is recommended that you reduce the font size.

Delete weather maps/briefings after x days: Cirrus will automatically erases these files after a set number of days. Enter the number of days to keep briefings and weather maps, or if you want to keep them indefinitely, enter 0.

Put pilot's name in remarks section of FAA flight plan: Checking this box will automatically put in remarks, the currently selected pilot's name.

When you have completed *Setup* click on *OK* and the Cirrus program will run automatically. You will see the following features:

Menu Bar



Across the top of the program you will find the programs pull down menus. The Menu Bar is always available, it can not be removed or hidden.

Tool Bar



The Tool Bar consists of a series of click on Icons that provide you quick access to the same functions you will find in the menus.

DUATSController



The Controller provides you with access to most of the DUATS features, and is designed to make using DUATS easy.

If you are a user of GTE DUATS simply enter your "Access #" and "Password". If you select "First Time Logon" from the "DUATS" menu or click on the "Sign-up" Icon located on the Tool Bar.

Select a DUATS function from the "DUATS Command List" by double clicking on the function such as "Standard WX. Route". A dialog box will appear, just fill in the required information and select "OK". The feature will move to the "Script Commands" window. You can select as many features as you wish, and just click on the DIAL button and Cirrus downloads the requested information.

Please retain your DUATS Newsletters for Future Reference.

DUATS...Still the Fastest Way into the Air & Still Free

Download the latest version of the Cirrus software 2.2 from either the Internet or place your order by calling 1-800-345-3828 or 1-703-818-4634

Data line: 800-767-9989

Tech support: 800-345-3828 press number 4 after operator

Internet Telnet: duats.gtefsd.com

Internet Web: <http://isd.gte.com/gtefsd/aviation/>

Cirrus is a 32 bit program that follows standard Windows conventions. Cirrus runs best on Win 95 or NT, however, it will run just fine on Win 3.1 if you load the Microsoft.32 bit files. These files are provided on the CD and automatically loaded if you have Win 3.1. We also make these files available upon request by mail or you can download them from Microsoft through our Web Page.

Status Bar

This bar shows the progress of cirrus during dial into DUATS. It is located at the very bottom of the program.



The "Tool Bar", "DUATS Controller", and "Status Bar" can all be removed by clicking on the appropriate function found in the "Window" pull down menu.

Cirrus Flight Planning Chart

With the Cirrus Flight Planning Chart you plan your routes graphically. You see your flight plan both as a route on a map and as a list of way-points. To plan a route on the planning chart, simply zoom into the section of the chart you wish to do your planning on and click on the waypoints you wish to add in sequence.

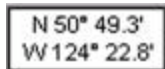
The Route List

Cirrus displays the current route in the **Route List** Panel to the left of the chart, while showing the route graphically on the chart. By default, the route list shows the waypoint identifiers only. If you would like to see the NAMES of the waypoints as well, grab the **SPLITTER BAR** with your mouse, and **DRAG** it to the right to **WIDEN** the route list.



Latitude and Longitude

If the mouse pointer is within the chart area of the screen, Cirrus displays its latitude and longitude at the bottom of the route list.



Control Icons

These appear at the bottom of the route list.



When the icon looks like this waypoints are added to the end of the route.



With this setting, waypoints will be added after whatever waypoints are highlighted in the list. This setting is most convenient if you want to insert several waypoints in order.



With this setting, waypoints are added before whatever waypoints are highlighted in the list.

Keep in mind the easiest way to insert waypoints is to grab the route line with the mouse and bend it over the new waypoint.

The second button determines whether Cirrus displays information about a waypoint you click on. Clicking this button toggles the function on and off.



When this "I" icon looks like this, Cirrus adds a waypoint to your route the moment you click on it. This allows routes to be assembled quickly.



When "I" icon looks like this, Cirrus displays information about the waypoint first, then gives you a chance to add it to your route.



Clicking this button zooms out to the previous wider view of the chart. Clicking the **RIGHT** mouse button in the chart also zooms out.

Zooming the Chart

You can zoom in and out of the chart by using the plus and minus keys on your keyboard. If you wish to zoom in on a specific region, "rubber-band" the region by pressing and holding down the mouse button on the upper-left corner of the area you wish to zoom to and dragging the mouse pointer to the lower-right corner of that area. Let go of the mouse button and the chart will zoom in. To zoom back out, click the right mouse button.

Panning the Chart

Use the scroll bars in the Chart window to move up and down or sideways on the map. Grab the button and move it the direction you want to move, or click the arrow keys at the ends of the scroll bars to move a small amount.

Manual Routing on Chart

The Cirrus graphic user interface makes building a route intuitive, easy and fun. Just zoom the chart to the area in which you wish to plan your flight and start pointing and clicking.

Adding waypoints

Just click on the airport or VOR you wish to add. Airports are represented by orange dots, and VORs by green circles. You can also add waypoints using a text-based method using Chart/Search.

Deleting waypoints

With any number of waypoints selected, press the **DELETE** key. The waypoints disappear from the route list and the route changes shape because those waypoints are no longer in it.

Inserting Waypoints

The Rubber Band Method: To insert a waypoint into a route, just grab the route line (point with the mouse and press the button), stretch it over the waypoint you wish to insert, and let go (release the mouse button).

The Route List Insert Method: Another way of inserting a waypoint is to select the point on the route list you would like to insert next to,

then click the insert mode icon at the bottom of the route list to select the desired setting.

Select this setting if you want the new waypoint to appear after the selected waypoint. This setting is most convenient if you wish to insert several waypoints in order. Select this setting if you want the new waypoint to appear before the selected waypoint. Finally, on the chart, click on the waypoint you would like to insert in the middle of the route. The new waypoint will appear on the list behind or in front of what was selected, depending on the setting of the insert mode icon.

Changing a waypoint in a Route

In the previous section, we showed you how to insert a new waypoint into your route by dragging the route over to that point. This is accomplished by stretching the route. To change an existing waypoint, you use this same "rubber band" technique, but you move the route off one waypoint onto another. There's little difference between inserting and moving in terms of what you do with the mouse. To move the route, you grab the route line where it crosses a waypoint, pull it off that waypoint, and move it to another waypoint.

Getting Information about Waypoints

If you want information on waypoints you click on, turn on the information "I" icon before clicking on the waypoint.

When clicking on the waypoint, Cirrus opens an information window. Choose **Route (Alt+R)** to add the waypoint to the route. Choose **Cancel (Esc)** if this is not the waypoint you wanted.

Disable waypoint information when you don't need it, and want to assemble routes quickly.

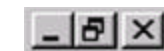
Another way to get waypoint information: Once a waypoint has been added to the route, you can get information by double clicking on the waypoint name in the route list, even when the Waypoint Info "I" icon is off.

DUATS Terminal Window: The terminal window will appear when you dial. This is the window that captures the data you have requested.

You can have many windows open in Cirrus. Each window that is opened in Cirrus has the standard Windows the standard maximize, minimize or close features.



Windows 3.1



Windows 95 or NT

NOTE: Cirrus opens the Terminal Window and the Planning Chart Window in the same mode they were when Cirrus was shutdown