

AeroPlanner.com

Premium Services

User Guide

2001

AeroPlanner.com Premium Service Subscription Guide

AeroPlanner.com, by IMAPS LLC is a website bringing the flight planning and other related information to pilots and aviation enthusiasts.

Founded in the summer of 2000, IMAPS specializes in bringing navigation information to the Internet, especially to the niche marine and aviation markets. With the advent of GPS and other devices used in situational awareness, the need for reference information to assist in positioning and navigation has increased greatly.

As popularity of the Internet grows, we plan to educate boaters and aviators on the practical usage of chart browsing, trip and route planning, and GPS navigation through a web browser by providing an uninhibited experience with the technology.

These systems rely heavily on extensive navigation databases in their operations. By providing full access to the database, in a format easy to query and retrieve from virtually anywhere on land, sea and air from a traditional internet connection or wireless, we will revolutionize the means disseminating and use of this data.

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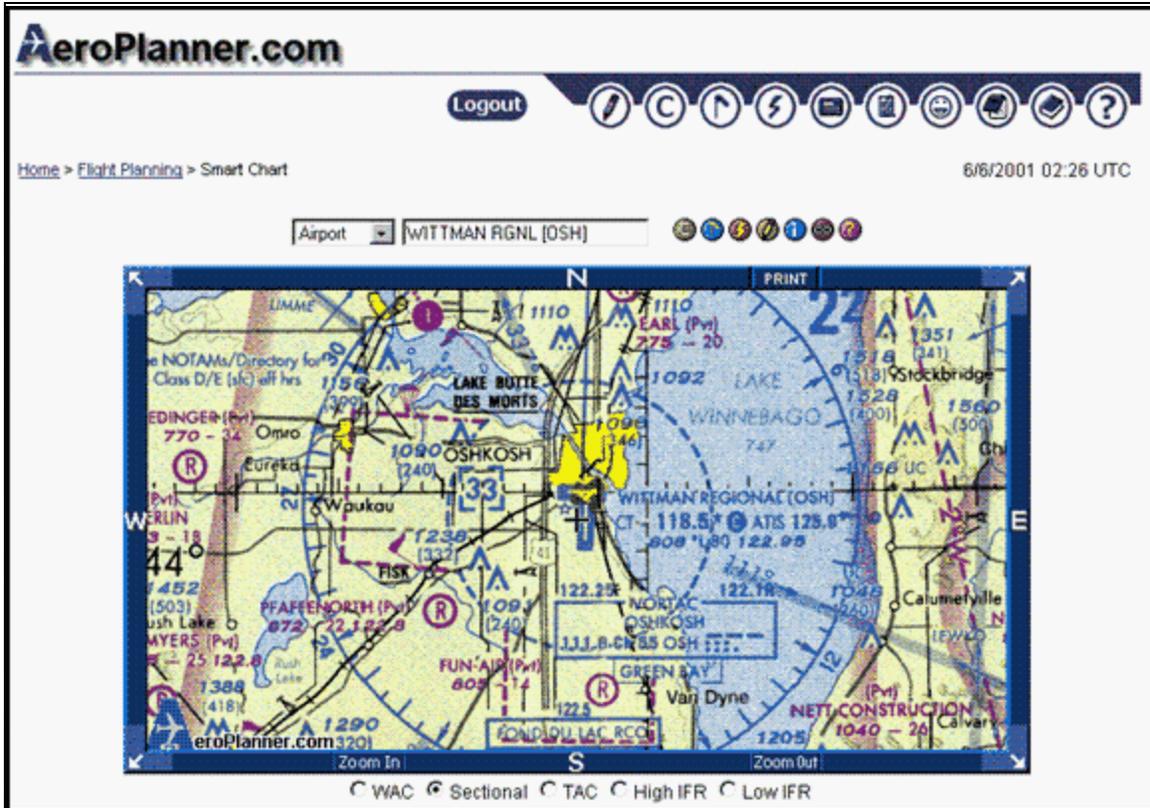
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Congratulations on your purchase of the AeroPlanner Premium Subscription Service. This guide is to facilitate you with the various features of the premium service and what it offers. If after reviewing this guide you still have questions or encounter problems please visit the help section of the website (<http://www.aeroplanner.com/help>), or post a message in our Discussion Hangar where it will be reviewed and quickly answered by our trained AeroPlanner.com Support team.



The information published in this guide and at AeroPlanner.com is to complement and not replace the current certified resources available to pilots. We ask that you enjoy all of what we have to offer, and never substitute AeroPlanner.com for an official flight briefing or filing a flight plan with your local Flight Service Station. At AeroPlanner.com, we do strive to promote a safe and enjoyable flight for all pilots and their passengers.



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Getting Started

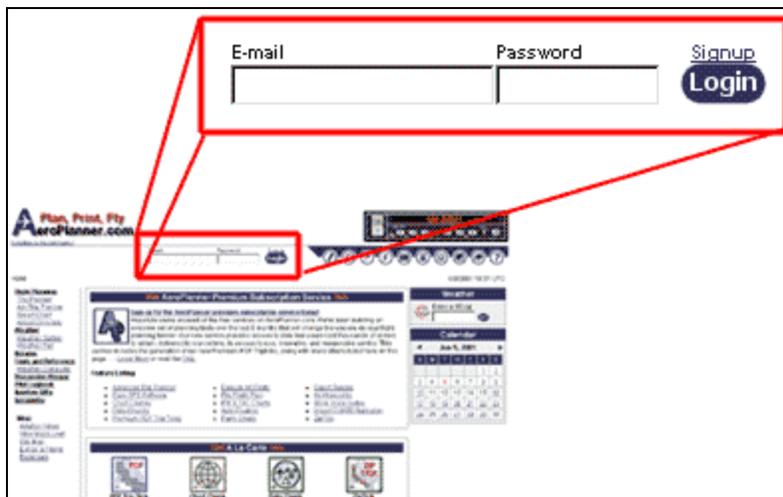
AeroPlanner.com offers a lot of different features and tools to help pilots plan their flights. The Premium Subscription Service was designed to bring together a lot of different features pilots were asking us for that could not be part of the free services offered by the website. With the premium service you get free software for your palm pilot and computer that allows an interface to your GPS to view downloadable charts and route information. You have access to VFR/IFR charts, auto-routing and filing your flight plan. You can store more routes than in the free service, your routes can be of unlimited size and waypoints, and you can store your own custom waypoints. Also, you can download your trip in custom a high resolution PDF Triptick package. These are just of the few of the features you have access to for a fee that is literally hundreds or thousands of dollars less than much of the available software currently on the market.

Additional Tools

We offer downloadable charts with the premium subscription service. In order to view the files after downloading them, you will need a couple of additional tools. One of the methods we use to generate the file is in a PDF format. PDF is a file type that requires Adobe Acrobat Reader to view the file. In addition, we provide some files in a compressed ZIP format. This is a common format used by many today. You can find the Adobe Acrobat Reader at www.adobe.com and you can find unzipping software such as Winzip from sites such as www.download.com, or www.tucows.com.

Logging In and out

When you enter the website at the home page, www.aeroplanner.com, you will see a login box at the top, similar to the image below. To login, enter your email address and password you registered with, and click the **Login** button.



(Login)

You can logout by pressing the **Logout** button on the top of most pages. However, if you wish to be automatically logged in when returning to AeroPlanner.com you can set this option in your **Profile** found in the Member Services section.

Navigation

Navigating around AeroPlanner is very much like navigating around any other web site you may already familiar with. The easiest way is to move your mouse to a link on a page and click when your mouse pointer is shaped like a hand pointing  over a link.

Besides the normal links found through out the site, we also have three areas of navigation that stay rather constant. Those include the Header navigation, the Margin navigation, and the Footer navigation area. These may change slightly based whether you are logged in or out. The diagrams below will outline these areas.



The header navigation is made up of three different areas. First on the far left is the AeroPlanner.com logo. By clicking on this at anytime it will return you to the home page. The next area in the middle is the Login/Logout section. Finally, on the right is the menu bar with hot links to some of the key areas. Here is a description of those links.



- Clicking this graphic will take you to the Trip Planner.



- Clicking this graphic will take you to the SmartChart.



- Clicking this graphic will take you to the Weather Search.



- Clicking this graphic will take you to the Weather Plot.



- Clicking this graphic will take you to Tools and Reference.



- Clicking this graphic will take you to the NOTAMS.



- Clicking this graphic will take you to the Discussion Hangar.



- Clicking this graphic will take you to the Pilot Logbook.



- Clicking this graphic will take you to the Aeropedia.



- Clicking this graphic will take you to the Help section.

Flight Planning

- [Trip Planner](#)
- [Adv Trip Planner](#)
- [Smart Chart](#)
- [Smart Chart \(IFR\)](#)
- [Airport Directory](#)
- [ChartChunks](#)
- [DataChunks](#)

Weather

- [Weather Station](#)
- [Weather Plot](#)

Notams

Tools and Reference

- [Weather Computer](#)

Discussion Hangar

Pilot Logbook

Aviation Gifts

Aeropedia

Member Services

- [Profile](#)
- [Merge Accounts](#)
- [Aircraft Specs](#)
- [Map Defaults](#)
- [Duats Profile](#)

Misc

- [Approach Plates](#)
- [Aviation News](#)
- [GPS Data Poll](#)
- [View Maps Live!](#)
- [Site Map](#)
- [E-mail a Friend](#)
- [Bookmark](#)

(Margin Navigation)

The Margin navigation is made up of four areas. The upper most area tells you where you are located. As you can see in this example we are currently on the home page by our display of "Home". When you click further on the site your location will be displayed, for example, "Home > Flight Planning". When you navigate to a different location like in our example, the location labels listed will be active links, thus in this case allowing you to click back to the home page.

Next you have the features that are described further on, from Flight Planning to Aeropedia. Note that you can click a group header or the individual link. For example, you can click on Flight Planning to go to the group Flight Planning menu, or you can click one of the links underneath Flight Planning to go directly to that feature.

Next is the Member Services group. This area will direct you to your personal settings for use on AeroPlanner.

Finally, the last section is the Miscellaneous section. Here you will find several features that add a lot to the site. One of the most important that we like to point out is the Bookmark link. By clicking this link you can add AeroPlanner.com to your Favorites within your browser.

[Main](#) | [Logout](#) | [Site Map](#) | [Flight Planning](#) | [Weather](#) | [NOTAMS](#) | [Tools and Reference](#) | [Discussion Hangar](#) | [LogBook](#) | [AeroPedia](#)

(Footer Navigation)

The footer navigation is a summary of the common groups that form AeroPlanner.com. These links are found in our other areas of navigation, but are found in the footer to make navigation a little more convenient.

Profile

This allows you to change your email address, mailing address, password and home airport. In addition, you can store your password to be logged in each time you visit the site from the same computer. In order to be automatically logged in each time, verify Cookies are enabled on your web browser. See the help section of your browser for more information about cookies.

Merge Accounts

This allows you to merge two different accounts you might have into one. The information from the second account, such as routes and logs, will be transferred to the first account then the second account will be automatically deleted.

Aircraft Specs

Set one or more aircraft specs to auto-populate them in the trip planners and/or DUATS. Once you populate the required fields and click the **Save** button, you can later review it by selecting the aircraft from the **Choose Profile** pull down menu at the top of the page.

Map Defaults

Set defaults for the AeroPlanner maps that you view, including chart type, height, width and the different map layers. These settings will be viewed on the Trip Planners and the printable TripTick packages used to take with you on a flight.

DUATS Profile

Set the DUATS profile information to file flight plans online with DUATS through the trip planners. An account with DUATS will be needed for this feature. If you need more information or a DUATS account, please visit www.duats.com.

Flight Planning

Advanced Trip Planner

Getting to the Advanced Trip Planner. - In order to use the planner you must first be logged in. After logging in you will notice a menu bar at the top right of your screen. Click the  button on the menu bar.



(Menu Bar)

Map Defaults - This feature, unique to the Advanced Trip Planner, allows for you to customize the features of the planner such as changing the map size, type of chart (planning, sectional, WAC, IFR) and turning on and off layers of data that are shown (i.e. routes and known nav aids). You can set the defaults at the Members Services area.

Quick Start Bar

The Quick Start text box on the advanced trip planner offers you the option of entering a string of points as an alternative to entering them into the trip planner one by one. For example:

Enter some Points **KSTL H49 KCGI** (then click the  button)

Enter the string with each point separated by a comma or space. **ICAO identifiers** should be used to denote designated airport(s). Using the ICAO avoids confusion between airports and nav aids that use the same identification. For example, if the "K" is not specified, a nav aid will be assumed for that point.

All points that cannot be identified will be listed in a warning, so that they can be entered manually after the fact.

To include altitude, fuel, speed and auto-calculate winds for your aircraft. Click the  button.

Update button - The update button is used after you make changes to the plan. If the screen does not automatically refresh for example, if you just keyed in a list of points into the quick start, you click the  button to then add them to your flight plan.

New Route does exactly what you would think; it clears your screen and starts a new route.

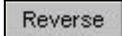
Reverse will reverse a planned route. For instance, if you have a 30-leg route created from JFK in New York to OSH (Oshkosh) and you want to reverse it, click the  button and your route will automatically be reversed. In addition, if you entered your fuel, speed, altitude, and selected auto-calculate winds, when reversing, all that is recalculated for you again.

Chart Pull Down Menu – Selecting a different chart type will change the background of the planning area to a sectional, WAC or IFR (hi/lo) chart. This will only work if you are zoomed in far enough. Some of these maps are larger in size, and this option may take a while to load up on a slower Internet connection. Also, if you have a default map type in your profile it will override any selection you make here.

Point Editing Section - This is where you can manually insert or delete points on your route.

To manually key in a point:

1. Select an option from the point type pull down menu. Airport is the default with many other options listed as seen below. One feature Apt@City allows you to type in a city and/or state, and it will return a list of airports near that city.
2. Enter in an airport, city/state, fix/waypoint, lat/long, navaid, zip code, or use map (choose this option then click on the map and it will automatically show you the lat/long you clicked on as well as any navaids or fixes in the vicinity, then choose the one you wish), or My Point (a list of waypoints that you have saved for future use).
3. Enter the information in the box immediately below and press *Enter* on the keyboard to jump to that location.
4. Click the  button to add the point to your route.



(Point Edit Section)



(Point Type Pull Down Menu)

To insert a point in the route:

1. Select an existing point by clicking the circle  to the left of the point that you want to insert after.
2. Enter the airport, navaid, fix, city,lat/lon, etc above and press *Enter* on the keyboard. You may also choose "use map" if there is more than one entry found and all are displayed in a pull down menu, and click on the designated location on the map
3. Click the insert after button. 

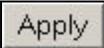
To delete a point, select the point and click the delete button 

Note: When you are viewing the vector chart by selecting Show Entire Route, you will see a zoom bar  on the right side of the chart. This will allow you to zoom in and out of the map to see additional information.

Button Legend

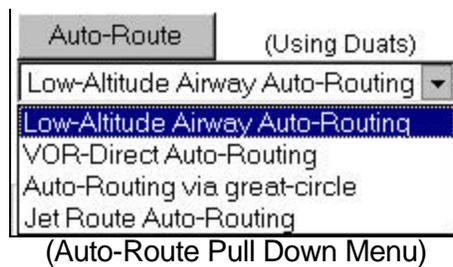
 Centers the map on the point you have highlighted.	 Shows the local weather for the selected point.	 Shows the weather along the entire route.
 My Waypoint - allows building custom waypoints.	 Shows more detailed information about the point selected.	 Inserts a new point below the point you have selected.
 Inserts a new point above the point you have selected.	 Replaces the selected point with a new one.	 Deletes the current selected point.
 Add SID	 Add STAR	Enter TAS, Fuel, Altitude This allows you to enter information such as altitude, speed, fuel burn, and auto-calculate winds.

Entering Altitude, Speed, and Fuel consumption. - All of these are actually optional. We ask for altitude only so we can calculate the winds aloft at the altitude you enter. **The winds won't be calculated if you do not enter an altitude.** If you enter speed and fuel we can include that information in the leg table below the chart. The leg table won't appear until you have entered at least one leg, or one departure and destination point. Calculating winds is optional too. Check the "auto-calculate winds" box if you want your headings to be modified based on the **current** winds aloft data. The winds are forecasted by the weather service in 6hr, 12hr, and 24hr increments.

If you are planning on flying sometime in the future, enter your departure time in **UTC - HH:MM**. For example, if it was 7am CST, and the departure time was 8am, enter in **13:00** (UTC is +5 from CST). We will use the appropriate forecasted winds aloft for your departure time. Also, the current UTC time is displayed in the right top corner of all the sites web pages. You may need to reload the page to get up to the minute accurate time. It's always a good idea to actually get the forecasted winds again, by calling FSS right before your flight. **There also might be times where the weather service's wind information is not available or the information is out of date. When this occurs, we will not be able to auto-calculate the winds and a "?" will appear in the leg table for part of your route.** After you have entered the information click the  button.

The **show entire route check box** that is located under the "Use Chart" pull down automatically zooms out to show your entire route in the map view. Check the box, and click the update button. If you are currently using a sectional, tac, wac, or ifr chart as your planning background, it will override that to show the entire route at the appropriate scale. In other words, if the route can't fit on a sectional, tac, wac, or ifr chart at a standard zoom level, it's going to show the vector chart instead. If you want to go back to having a sectional, tac, wac, or ifr chart as the background, then uncheck the "Show Entire Route" box and click update again.

Auto Routing - This feature of AeroPlanner is done using an interface with DUATS available in the advanced planner only. If we have at least two points in our plan we can automatically have our route calculated for Low-Altitude Airways, VOR-Direct, Direct for GPS or RNAV, Auto-Routing via great circle and Jet-Route auto routing. Simply choose an option and click the **Auto-Route** button. Your route is then recalculated and updated on the map and the leg info table.

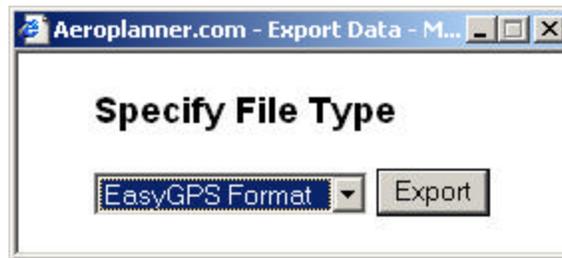


Note: There may be times when DUATS is unavailable. In these cases, you will receive an error message back that says "could not connect to DUATS". Generally, those cases are temporary and you may have to try again later.

Exporting – This feature allows you to export your route to the EasyGPS software, OziExplorer, or MS Flight Simulator 2000.

To export:

1. Click on the link towards the top of the page "*Export Flight Plan*". The File Type Window will be displayed.



(File Type Window)

2. Select one of those three options and click the Export button. The file will build and the Download Window will be displayed



(Download Window)

3. Click the "*-Click Here to Download-*" link to begin your download process.
4. Select Save to Disk and click the OK button.
5. Save this file to a location on your computer where you can find it later, and use the software program selected in step 2 to upload or capture this file.

Also, after you have downloaded you may need to go back and close the *Download Window* by clicking the  in the top right hand corner of the window.

Trip Planner

Go to the Trip Planning Section. - You can get there from the home page by clicking Flight Planning, and then click the Trip Planner button. You are then taken to the standard Trip Planner.

Warning: Your route intersects the following Special Use Airspace
 Military Operations Area [SILVER MOA, CA \[MOA US 02092\]](#)

Location	WIND KTS	CRS HDG	MAG C&H	TAS GS	FUEL Total	DIST Total	TIME Total
ZAMPERINI FLD [TOA]	0*	54*	40*	120	43.9	753 nm	6:16
Fort Collins, CO	0	54*	40*	120	43.9	753 nm	6:16

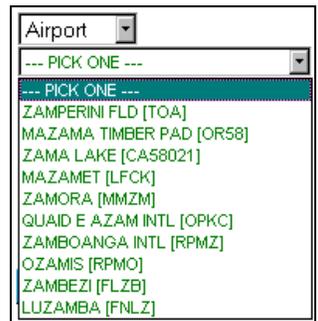
Great circle distance: 753 nm. Average Ground Speed: 120 knots.
 NOTE: Fuel total is approximate and does not include necessary reserves.

(Trip Planner Window)

Enter Altitude, Speed, and Fuel consumption. - All of these are actually optional. We ask for altitude only so we can calculate the winds aloft at the altitude you enter. If you enter speed and fuel we can include that information in the leg table below the chart. The leg table won't appear until you have entered at least one leg, or one departure and destination point. Calculating winds is optional too. Check the box if you want your headings to modified based on the **current winds aloft**. The winds are forecasted by the weather service in 6hr, 12hr, and 24hr chunks. If you are flying in the next 6 hours, this calculation is for you. If not, save you route, and load it 6 hours again before your flight for the current information. In a later step, we will talk about transferring it to the weather plot.

As an example, enter a flight level of 8000 ft, by entering "80" in the altitude box- note the two 00s after 80 are added automatically. Enter a speed of 120 kts and a fuel burn of 7 per hour. You can also enter in pounds per hour.

Enter Departure Point. – You can enter TOA and click the update button, or you can also enter KTOA. If you aren't sure of the identifier, and you kind of remember a portion of the name you can enter that portion. Such as, "Zamper" then enter zam. The pull down menu will come back with a list of choices and will display "---PICK ONE---" like this:



(Selection Pull Down Menu)

When you expand the pull down menu, a list of all of the airports (in the world) that have "ZAM" in them are listed. From here you realize that it's Zamperini Fld and select it. But you also have to keep in mind that we assumed that you are taking off from an airport (I think most of us do) but the options on the pull down box are Airport, City/St, Fix/Wpt, Lat/Lon, Navaid, and Use Map. So for our next several points we will choose the different types of points and give examples of each. If you've been flying the route for some time, chances are you know the airport identifiers and fix or navaid names. In that case you can just key them all in to the boxes in sequence and then click update one time - no need to keep doing it. But if you are unsure and have to use city names etc., it's best to do it one at a time. Also note that if you have more than 5 points (many of us do), click the button to add space for more destination points.

Enter Next Point - Are you flying direct without using a victor route or navaid or stops? If so, enter your destination airport here. In this example we aren't going to follow an airway, but we are going to make a stop. I'm just not sure where yet. I'll use AeroPlanner for that. I do know that we want to fly to Ft. Collins, but I'm not even sure about the airports in that area. I'll have to do a little research. Therefore, the first thing I'll do is enter **fort collins, co** in the next box down and click Update. Unfortunately it returns "**No Matches Found**". I know that's not right, and am pretty sure Fort Collins exists. I realize that it's not an airport, but a **city**. Thus I switch the pull down menu to "City" and it finds what we are looking for. Except I don't want to land downtown, I want to check out the airports in the area and find a good one. Click on the  "chart" button next to Fort Collins and it brings up the sectional chart for the area.



(Fort Collins Sectional)

Below the sectional chart you see that a couple of choices for airports are displayed. You may see Ft. Collins Loveland (too far) and Fort Collins Downtown airport. If you need more information for that airport, click on the airport symbol for that airport. The screen will refresh and re-center the map. Now you see a variety of information on the bottom of the map. It lists

 [FORT COLLINS DOWNTOWN 3V5](#)

Click on that link and it takes you to the airport information page which includes runway information, tower information, etc and it also includes the number for the airport manager. Well now you know exactly where you want to fly. You also notice that you're flying over some *pretty steep mountains* and should adjust your altitude accordingly. Just click the "**Back**" button on your browser to return to the Trip Planning page.

Now enter **3V5 into the box that says Fort Collins**. We are editing this box and replacing the city with and an airport. DON'T forget to change the pull down option back to airport. Then Click the Update button. Now the course is plotted to the airport.

The Leg Info Table

Point	WIND KTS	CRS HDG	MAG C&H	TAS GS	FUEL Total	DIST Total	TIME Total
ZAMPERINI FLD [TOA]	0°	54°	40°	120	43.9	753 nm	6:16
Fort Collins, CO	0	54°	40°	120	43.9	753 nm	6:16
Great circle distance: 753 nm. Average Ground Speed: 120 knots.							

NOTE: Fuel total is approximate and does not include necessary reserves.

See that the total time is over 6 hours and probably want to add a stop for fuel for the aircraft. Not to mention you and/or your passengers will appreciate a break by then. Therefore, you need to find a stopping point about half way. Let's use the map to find a stopping point.

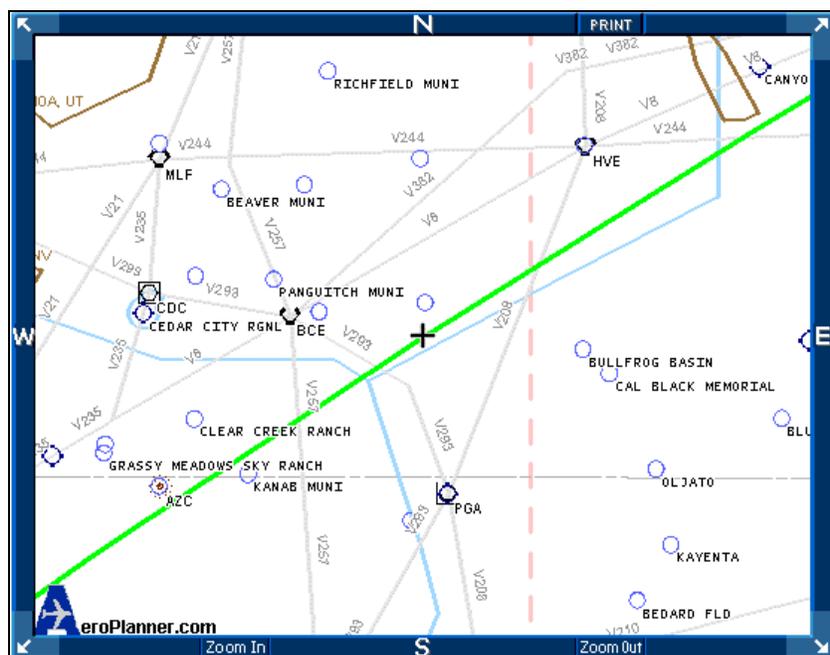
Editing your route

Click the **"Show Entire Route"** check box on the bottom of the point boxes (lower left of page). **As long as this box is checked it will only show the entire route when you click update.** That's something to remember when you can't figure out why it keeps showing you the entire route when you're trying to zoom in or out. Now that you see the entire route, you pick a point about half way. Looks like it is somewhere in southern Utah and you may not want that. Not sure if that is what you want. After you click on the center point of the route, **deselect the show entire route button** and update so you can zoom in. Now click Zoom in on the frame of the map.



(Full Route)

Click **Zoom In** several times and watch the map display more detailed information and start to show airports, airways and nav aids in southern Utah. You see an airport called "Bullfrog Basin" and you remember that you read an article about that in Pilot Getaways Magazine and think, "hey this is going to be fun"! The next step will be to actually choose Bullfrog Basin from the map and insert as your second point on your trip and make 3V5 your 3rd and final point.



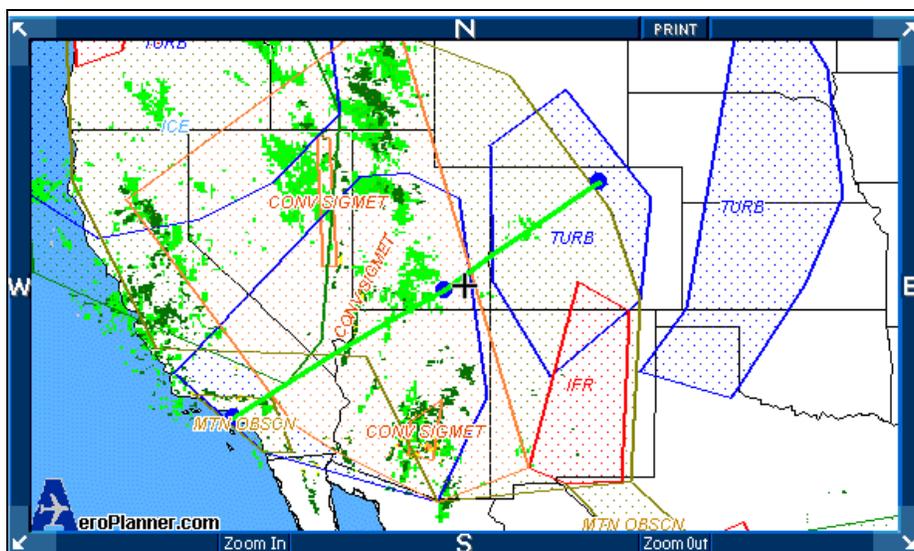
(Zoomed in Route)

Now, to make Bullfrog Basin your second point, simply select "Use Map" from the pull down menu on the second point and then click on the Bullfrog Basin airport symbol. This will be replacing 3V5 that is currently in the second point box. You will get the green **--PICK ONE--** again because there are usually several things in the area of an airport, like VORs etc. In this case choose BULLFROG BASIN [U07] and notice the green course line on the map will snap to Bullfrog Basin. Then, while you're at it, click the **i** button next to Bullfrog Basin and read up on

it. Next enter 3V5 back into the 3rd spot and Click update. Now we pretty much have our plan of flying from TOA to U07 to 3V5. And you read up on these airports too! Also checked out the charts around them as well! We have our calculations. Might even print that out by clicking the **show this table button** at the bottom of the page and the clicking the **print button on the browser**

Checking the weather - One way to see what's up is to check the current conditions in the three points along your trip. You can do that by clicking the windssock button  for the each point. Click on Bullfrog Basin and you get the METAR, which says it's raining. You get all of the current cloud conditions, temps, wind directions and speeds in the area. You get an AIRMETS and SIGMETS and extended forecast that also says it will be raining all day today and probably tomorrow. You see the radar of the current precipitation activity, and that we are currently under MTN OBSCN airmets. And you think, not today, not tomorrow but maybe the next. You may need to monitor this over time and get a feel for the best time to make this flight. You don't want to have to enter this every time though, so you remind yourself to save your route so you can bring this up occasionally over the next few days to check the weather. **Don't forget to click your browsers back button to return to your trip plan.**

The other weather check is the weather plot. This transfers the route you've plotted over the top of a national weather map that includes AIRMETS and SIGMETS and radar, and returns the aviation area forecasts for the states that you will be going through. Press the lightning bolt button  next to TOA (because the weather plot gives you winds aloft to and you just want to look at them) to transfer the route.



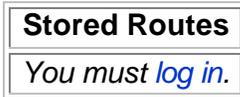
(Weather Plot over Route)

Looks pretty messy, but at least your not flying through an IFR airmet (for the moment), but you are flying through MTN OBSCN. As you scroll down the page you see all of the forecast info, the winds aloft, AIRMET SIGMETS that your route intersects, TAFS and some forecast maps to give you an idea when it might clear up. Don't forget, you can click anywhere along the route and get the TAFS and winds aloft for the area that you clicked.

Don't forget to click your browsers back button to return to your trip plan.

Saving the route - Before you go to the trip tick (which you could have done at any time) we are going to save the route because you are going to make this trip, you're just not sure when right now. So scroll down to box that says stored routes (if you haven't logged in yet it will look something like this:

You must have a login to store routes on AeroPlanner.com. If you haven't logged in yet and you want to keep your route then login and get all the way to the menu, then go back to the trip plan page (by pressing back on your browser), then click refresh on your browser (it will think your logged in now) to reload the page.



Next time, just login first before making a big route that you want to save!

To save the route, type in a name like **fort collins** and click the save/load/purge button. To bring this route up later, select the fort collins route from the load drop down menu, and click the save/load/purge button. To delete a route, select the route from the Purge drop down menu and click the save/load/purge button.

Printing a TripTick chart strip of your route - this is the 'gravy' at AeroPlanner.com - the number one reason people come to our site. After determining your course, we will plot it for you over sectional or wac chart cut outs just the right size for printing and putting on a kneeboard. These print outs can easily be printed out and 'thumbed' while in flight.

Click the **Basic TripTick** button (lower left on page) and then it will take you to the triptick index page. Here you will see a map with the outlines of the chart cutouts plotted along the route and buttons on the bottom of the page each cut out for the planning chart and the sectional charts. In this case, 29 maps may seem like too many for you to print out. You can switch to wac charts by clicking the wac chart link. That reduces it to 15, which may be a little more reasonable. Try making it better by clicking on the landscape link to make the orientation run east-west. Now you are down to 12 maps.

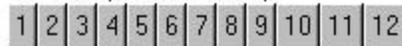


Click on the numbered buttons on the bottom of the map, which will bring up the sequenced pages. I want to print out the whole trip so I will click the 1 button first.

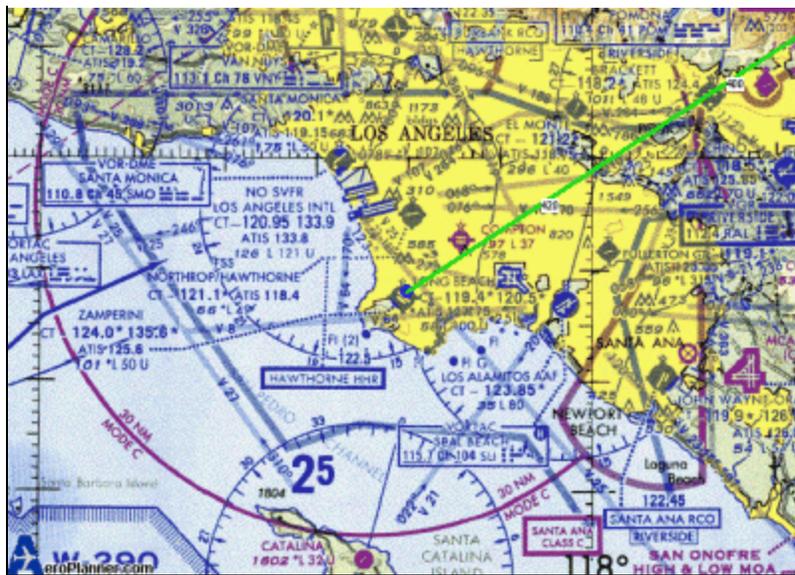
Low Enroute Vector (~10K each)



WACs (~200K each)



AeroPlanner.com displays the WAC cut out around TOA and plots the course over the top with mile markers to the next fix/navaid or airport.



(Example Chart)

There is a lot more information on AeroPlanner.com and a lot of different ways to exploit it. I just gave you one example of how to use the site. Visit often for changes are being made all the time to enhance the site.

SmartChart

The SmartChart and SmartChart (IFR) are interactive representations of the most current NOAA VFR and IFR charts. In addition to having all of the sectional graphics, we also allow you to click anywhere on the SmartChart and read the FAA information associated with that feature. For example, on the map, you might click on the intersection of two airways to find an established FAA waypoint, "SHOOT". You may then click on the link "SHOOT" on the bottom of the map to get more Details on "SHOOT".

To start using the SmartChart:

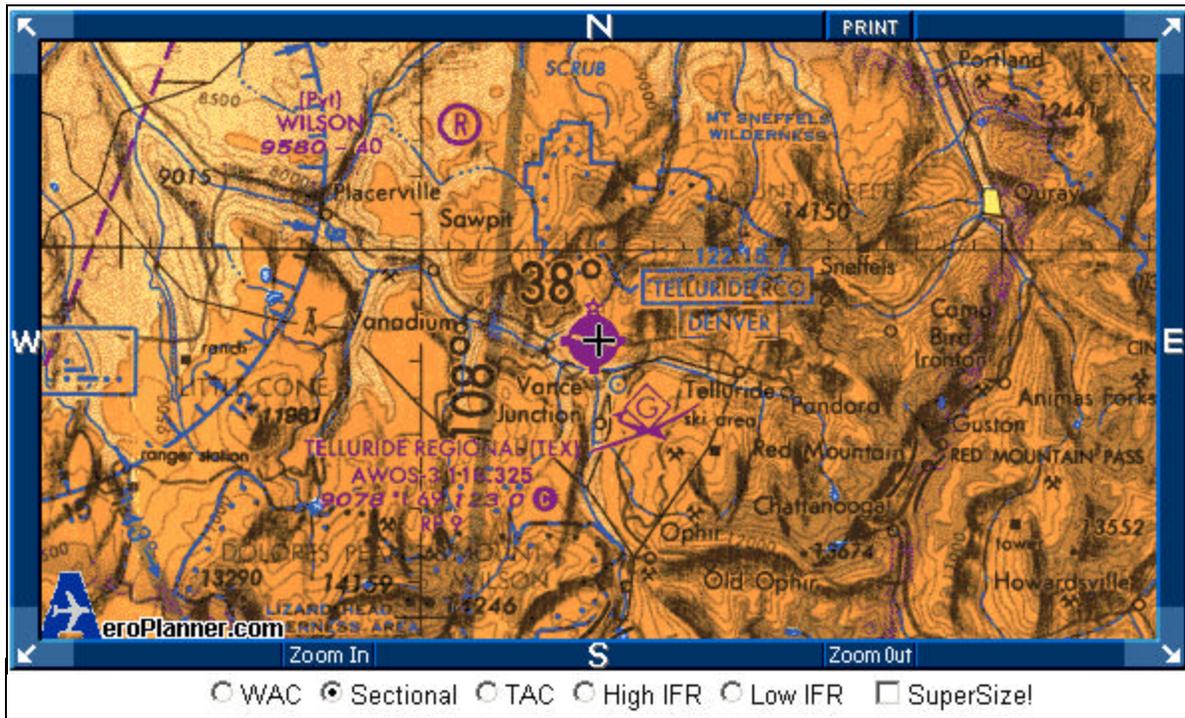
1. Enter a city, zip code, sectional name, Airport Identifier, or 4-letter ICAO identifier. When entering a city, you can specify an optional state by adding a comma after the city and before the 2 letter state code. For example, if you wanted to try Encino, California, just enter **encino, ca**.
2. Press *Enter* on the keyboard, or click the  button. You can also get started by clicking on one of the chart diagrams displayed.

Navigating the Chart

After you select a chart, you are taken to the sectional or vac for that area. The chart has a border that has directions on it. If you click the border, the map will be panned 1 full map width in that direction. You can also click on the inside of the map and it will be re-centered to wherever you clicked. When you click on a feature on the map, the page will be refreshed with all of the information about that feature. There will also be a zoom out or a zoom in button that will allow you to change the zoom level. On the sectional charts, this is limited to a certain range. For premium members there is a check box to SuperSize the chart. Selecting this will enlarge the chart to almost double the size for easier viewing.

SmartChart Information Table

The information table is the table on the bottom of every SmartChart. It displays a list of features that were in the area that you just clicked on in the map. You have the option of downloading the chart that is displayed. In addition, you can gain information on the landing facilities, airspace, terrain altitude, and an automatic search for nearby facilities.



(Sectional SmartChart)

Download ChartChunk	
Download ChartChunk \$3.49 about	Use in: FUGAWI CEL GPS AOS
Landing Facilities	
TELLURIDE RGNL TEX	37° 57' 14" N 107° 54' 31" W
Airspace	
DENVER ARTCC	
Off Route Terrain Clearance Altitude	
16,500' AMSL	
Nearby Facilities	
Search for Nearby Facilities...	

(SmartChart Information Table)

Feature Information

Airfields

Heliports

Nav aids

V123 - Air Routes show beginning and ending waypoints, with distance and bearing between.

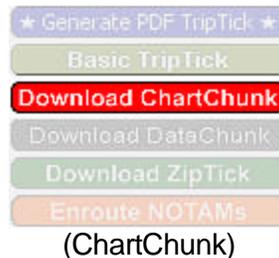
Obstruction - A description, i.e. Tower, and Tower Height above sea level (MSL) and height above ground level (AGL). Various Airspaces are depicted including MOAs, SUAS, ARTCCs.



Chart Chunks

Chart Chunks are actual digital pictures of current sectional and WAC charts available today. We have these available for you to download and use with some of the different GPS software available today, which include Fugawi, TeleType, OziExplorer, and AirPlan.

You can get to the Chart Chunks from several different areas. Select Chart Chunks from the left hand Margin Navigation menu, or click the button below from the trip planners.



When opening the Chart Chunk page you will see the Options section and the Map section displayed. The options section looks like the graphic below and when updating these options, the results will be displayed on the Map section on the right side of the page.

Chart Chunk Options

Chart Chunk Name

Center Point

Chart Type
 Sectional WAC IFRHI IFRLO
 Low Vector High Vector

Image Size
 Height Width
 Height Width

Format
 Fugawi OziExplorer TeleType
 AirPlan

Image Type
 GIF JPG PNG

Nudge Selection

(Chart Chunk Options)

To create a chart that you can download:

1. Name the chart for the file name that it will create.
2. Select the Center Point of the map from the Center Point pull down menu.
3. Select the Chart Type. Note: Only the Sectional or the WAC is available for AirPlan.
4. Select the Image Size from the existing pull down menus, or click the custom size and enter your own height and width sizes.
5. Select the Format for the file output.
6. Select the Image Type. Depending on the output format, some image types may not be available.
7. Click the  button to modify the map file.
8. Click the Preview Image button or the Download Image button to capture your file.
9. Click the Chart Name link to begin the download process.

Note: If the map is not centered in the area that you want, click one of the four nudge buttons



to move the capture area. This moves in small increments, and once the page refreshes, you will see the results. You may need to click often if you want to move to a great distance.

Palm Chunks

If you are a Palm Pilot user and have purchased the GPS Pilot program, there is an option to download maps and route information to your Palm Pilot. Your Palm Pilot will talk directly with AeroPlanner.com via a wireless connection or connected to your PC. Some additional software may be needed to get your Palm Pilot connected to the Internet. For further connection instruction, please visit <http://www.gpspilot.com/Palm-Internet.htm> and select your connection method.

Configuration

You will need to configure the GPS Pilot software on your palm not only to connect to the Internet, but also to connect to AeroPlanner.com. To do this on your Palm Pilot:

1. Open the Fly program on the Palm Pilot.
2. Select *Route...Map View* from the Palm Menu. Note: You will need a Way Point (points) selected before you can navigate to the map view.
3. Select *Map...Web* from the Palm Menu.
4. Tap the  logo to pop up the login window.
5. Enter your AeroPlanner.com Username and Password in the appropriate fields.
6. Tap the *OK* button to save your information. You will only need to do this once.

Using GPS Pilot

Using the Fly GPS Pilot is a process that requires a little understanding of the program. For more information on using the Fly program, consult the documentation that came with the software, or visit their website www.gpspilot.com for more information. Once you are familiar with the Fly program, follow these easy steps to work with AeroPlanner.com.

1. Open the Fly program on the Palm Pilot.
2. Enter the route points in the Log View.
3. Select *Route...Map View* from the Palm Menu.
4. Select *Map...Web* from the Palm Menu.
5. Select one of the options on the window by tapping the map of your choice. The software will then connect to the Internet and download the information from AeroPlanner.com for your use.

What is the Airport Directory?

The airport directory is a collection of detailed information for airports including facility, tower, and runway information. From the airport directory, you can link to the Trip Planner or SmartChart, keying on the airport that you had selected for the airport directory by just clicking on one of the thumbnail maps at the top of the page.

Route Planning

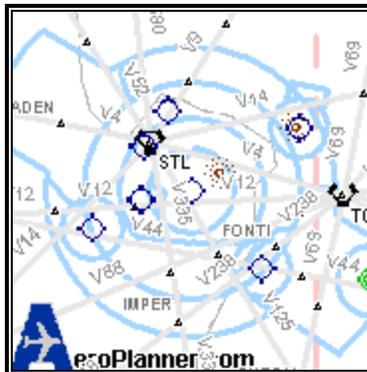
If you select the second map, you can go to the trip planner and the airport that you have selected will be input for your first departure point. The Trip Planner is an interactive vector representation of the NOAA VFR Planning Charts. This data is taken from the latest FAA information.

Facility Information

Detailed information is given for each facility, such as the owners of the facility, control tower information, customs, landing fees, beacon, and lighting schedules.



Overview Map



Links to Trip Planner



Links to SmartChart

SmartChart

The last map takes to the SmartChart and centers upon the selected airport. The SmartChart is an interactive representation of the most current NOAA sectional. In addition to having all of the sectional graphics, we also allow you to click anywhere on the smartchart and read the FAA information associated with that feature.

Runway Info

Detailed runway information is given for each runway, including the length and width, condition, material, and lighting intensity of each runway.

Local Facilities

If there are any local facilities or FBO's entered in our database for the airport that you have selected they will be listed with the services they provide and a link to their web page if available.

In addition, there is a lot more information on this page to give you most if not all the information needed before making your trip. There is also an area for you to add your own comments about the airport and read what others had to say.

PDF TripTick

PDF TripTick is a high resolution package that includes charts of your choice, airport information and diagrams, weather information and NOTAMS for a route that you have plotted in the Flight Planners section of this website. In order to view the file once created, you will need Adobe Acrobat Reader available from www.adobe.com.

Getting Started

The Premium PDF TripTicks offer many options and has lots of benefits over the standard TripTick. This will help you make the most of your download.

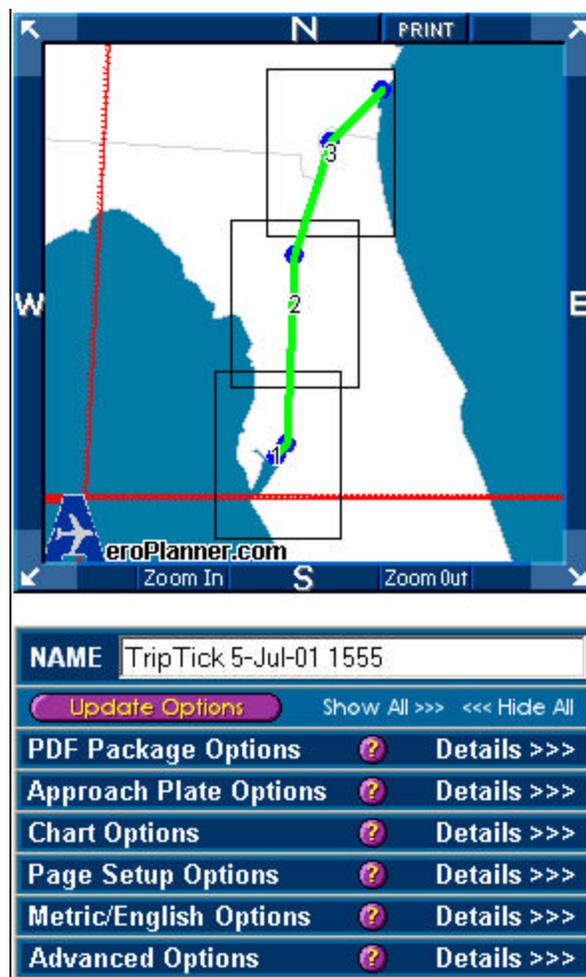
To get to the point where you can print a PDF TripTick you first need to plan a route or open a saved route in either the [standard trip planner](#) or the [advanced trip planner](#). Once you do that on the left side of the page you will see a set of buttons that looks like the set below, click on "★Generate PDF TripTick★".



(Generate PDF TripTick)

Look around this web page. In the top left corner you'll find a map showing your route. This map works just like the other maps at AeroPlanner.com. Click the **Zoom Out** button on the bottom of the map to see the area around your route. After you click **Zoom Out**, click **Zoom In** to return to your previous view.

Click the  **Walkthrough** button and it will take you through setting up your PDF TripTick so it comes out the best look for what you want. It is suggested that you use that until you become familiar with making the TripTick.



(PDF TrickTick Options)

Below the map image is a group of options like "PDF Package Options". At the top is a place for you to **name** your TripTick. This name will be used to identify your TripTick later, and it will be the name used to generate your PDF file to download.

When you make changes to the options below the map, click the "Update Options" button at the top or bottom. You can make multiple changes before you update, but make sure you update before you use any of the options in the right column of the page. If you want to expand or collapse all of the options click **Show All >>>** or **<<< Hide All**. In addition there is help available for each one of these boxes by clicking the  button. Help will be displayed in the help box on the right

Editing Page Layout

Now that you have named your TripTick, let's move on to arranging the pages of the TripTick. There are six groups of options for this area, and we will briefly explain those below. The first option is labeled "**PDF Package Options**"; click the area on the right that says **Details >>>** to expand this option.

There are six sections in PDF Package Options. This option is to show what information is to be contained in the downloadable PDF package such as the Leg Table. Those options include:

Preferred Airport Data Source	This is to identify where the information will be gathered. Either FAA or Military.
Notams	This will gather Notice to Airmen information for each of the airports along your route.
Special Use Areas (SUAs)	This will display all the SUAs within or bordering your route.
Airspace	This will display all the selected airspace within or bordering your route.
Weather	This will display combined current weather and forecasts along with METAR and TAFs in the region and along your route.

The next option is labeled “**Approach Plate Options**”; click the area on the right that says **Details>>>** to expand this option.

There is only one section in Approach Plate Options. This option allows you to see the number of approach plates for each airport along your route.

1. Click the Details link next to the airport you want to add the approach plate. You can also click Show All in the Approach Plate Options section to have all the airports expanded.
2. Find the approach plate you want by clicking the approach plate name. You will then get to see the approach plate diagram, as it will look in your package.
3. Select all the approach plates that you want included within your PDF TripTick by clicking the appropriate check boxes.

The next option is labeled “**Chart Options**”; click the area on the right that says **Details >>>** to expand this option.

There are three sections in Chart Options. This option allows you to modify the type of chart you will need. Those options include:

Chart Type	This will allow you to select the type of chart such as Vector, Sectional, WAC, and IFR charts.
Magnification	This will allow you to set the scale of the map images. If you view and/or print individual chart images using your web browser, your results may vary. In such cases, 2x (72dpi) is recommended.
Line Color	Here you have the option to change your course line color that will allow you to see your course easier based on the different colors of terrain on the map.

The next option is labeled “**Page Setup Options**”; click the area on the right that says **Details >>>** to expand this option.

There are three sections in Page Setup Options. This option allows you to modify the print area. Those options include:

<p align="center">Standard 8 1/2” X 11”</p>	<p>Selecting this option by clicking the circle to the left of the label will allow you to create a standard paper size chart. There is also a link to test your printer’s margin capabilities to help you determine what the margin setting should be.</p>
<p align="center">Kneeboard (5”X7”)</p>	<p>Selecting this option by clicking the circle to the left of the label will allow you to create a smaller 5-inch by 7-inch chart giving you the option to attach the chart to your kneeboard.</p>
<p align="center">Two Up (5”X7”)</p>	<p>Selecting this option by clicking the circle to the left of the label will allow you to have two 5-inch by 7-inch charts side by side on a standard sheet of paper. If you have a large size kneeboard, then this option will allow you to open up your kneeboard and view two charts at once.</p>

The next option is labeled “**Metric/English Options**”; click the area on the right that says **Details >>>** to expand this option.

There are four sections in Metric/English Options. This option allows you to change the measurement units within the PDF package. Those options include:

<p align="center">Chart & Leg Table Coordinate Format</p>	<p>This will allow you to setup the way you would like latitude and longitude displayed on charts and the locations on the leg table. The default is dd mm.mm which will give you a display in this format; 27° 09.14’N 83° 03.49’W</p>
<p align="center">Leg Table & Metar Temperature Units</p>	<p>This will allow you to select the temperature measurements to either Fahrenheit or Celsius.</p>
<p align="center">Metar Barometric Pressure</p>	<p>This will allow you to select the barometric pressure to either Inches Hg (29.92) or in Millibars (1000)</p>
<p align="center">Metar Visibility</p>	<p>This will allow you to select the visibility measurement in Miles or in Meters.</p>

The next option is labeled “**Advanced Options**”; click the area on the right that says **Details >>>** to expand this option.

There are three sections in Advanced Options. This option allows you to adjust the charts within the PDF package. Those options include:

Page Show	By deselecting a page number, it will remove it when building the PDF file. Before building you can add it back by once again selecting that check box. Those missing pages will be displayed as dotted lines on the overview map at the top.
Nudge % (± 50)	Use Nudge to adjust the location of a chart page by up to 50% of its own height or width. For example, using a nudge of -25 in the Horizontal box will move that frame west by one quarter of its width. All pages that follow that page will be recalculated automatically, so nudge pages starting from the lowest numbered page.
Orientation	This allows you to arrange your charts in the Portrait or Landscape mode to best fit your chart on the paper.

Note: Always remember to click the **Update Options** button when making a change and before downloading the file.

Once you have selected all of your options and are ready to download, click the **Build This TripTick!** button to begin. Then follow the instructions on the web page to capture your file. You will only have 7 days to download and then the file will be purged from the system to conserve space. We recommend that you save the file once created to insure you will have it when needed.



Easy GPS Software

AeroPlanner.com's EasyGPS program is a downloadable Windows PC program to communicate with most hand held GPS units. EasyGPS can talk to Garmin, Lowrance and Magellan GPSs and can upload AeroPlanner routes, airports, nav aids and fix data downloadable from our ANF data download page...

Download and Setup

To download Easy GPS go to www.aeroplanner.com/temp/easygps.exe, save the file to a folder of your choice. There is no installation necessary, just double click on the easygps.exe file to get started. From here we will provide information on using EasyGPS with AeroPlanner.com. The complete user guide for EasyGPS can be found on the Internet at www.easygps.com/manual.asp.

Initial Setup

The first time you launch EasyGPS, you will be asked to choose the model of your GPS from EasyGPS's list of supported GPS models. If you don't see the exact name of your GPS model listed, pick the GPS model that is closest to your GPS in functionality.

You will also be asked to pick the serial port that EasyGPS should use when connecting to your GPS. For most computers, the correct serial port to use is COM1. Please double-check to make sure that the serial port you have chosen is actually the serial port to which your GPS is connected! If you are in doubt about how to select and enable the correct serial port on your computer, please consult the documentation that came with your computer and/or GPS.

Other software you may have installed on your computer may interfere with EasyGPS's use of the serial port. If you are running any mapping or GPS software, you will need to close these programs before using EasyGPS. If you have a digital camera that connects to your computer via the serial port, you will need to close all imaging software before using EasyGPS. Some laptops disable the serial port in order to conserve battery power. Consult the documentation that came with your computer for instructions on how to enable the serial port before using EasyGPS.

If you have a Palm Pilot or other PDA device, you must disable all syncing software before starting EasyGPS. This is primarily due to most syncing software such as HotSync for Palm Pilots and ActiveSync for other Handheld and Pocket PCs use com 1 for their communication port to the PDA.

Note: If one of the devices mentioned are connected via a USB connection, it may not interfere with EasyGPS because USB does not use COM1. Just the devices connected via Serial Port may interfere and will need to be closed and disconnected before using EasyGPS.

Using EasyGPS

To use EasyGPS with AeroPlanner.com, you interact with your GPS by importing waypoints and/or routes from your GPS into EasyGPS, or create a route on AeroPlanner.com and export it to EasyGPS and then send it to your GPS unit.

Import Waypoints and Routes to AeroPlanner

You can import waypoints and routes from your GPS to AeroPlanner.com via EasyGPS. Bringing waypoints or routes from your GPS to AeroPlanner is a simple process.

1. Connect your GPS to your computer and open EasyGPS on your computer.
2. Import your information by selecting the GPS drop down menu at the top, and select either *Receive Waypoints from GPS*, or *Receive Route from GPS*.
3. Upload your information to AeroPlanner.com by right clicking on the selected route or waypoint, and select *Send Route to AeroPlanner*, or *Send Waypoint to AeroPlanner*.
4. Enter your user name and password for AeroPlanner and click the OK button when prompted. Remember your user name is your email address that you registered with AeroPlanner.



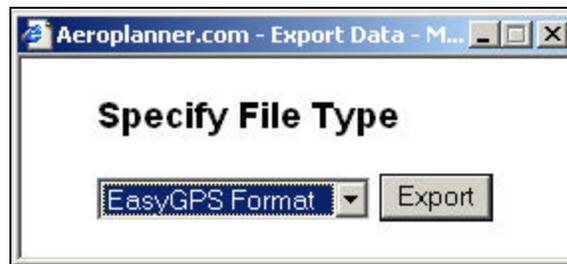
(EasyGPS Login for AeroPlanner.com)

Export Waypoints and Routes to your GPS

You can export your waypoints or routes from AeroPlanner.com to your GPS via EasyGPS. This is a simple process allowing you to easily create waypoints or routes and carry them with you in your GPS.

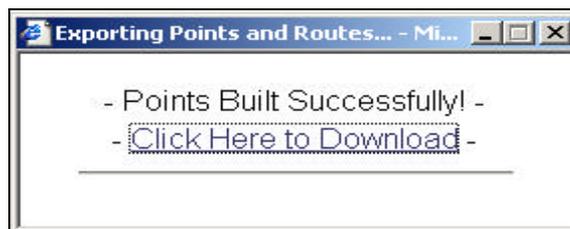
Export Waypoints

1. Click *Flight Planning* on the Home Page and click *Waypoint Builder* from the Flight Planning page.
2. Click the Export link in the top right corner of the page and the selection window will be displayed.



(File Type Window)

3. Select the file type to export and click the *Export* button.
4. Click the *Click Here to Download* link on the download window.



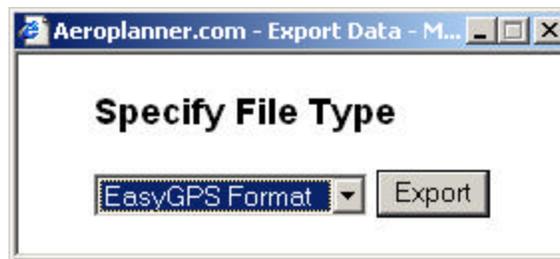
(Download Window)

5. Select *Save to Disk* and click the *OK* button to save the file to your computer.
6. Connect your GPS to your computer and open EasyGPS.
7. Click the  button on the toolbar to select the previously downloaded file.
8. Select *GPS...Send Waypoints to GPS* from the drop down menu to send all waypoints to your GPS, or right click on a selected waypoint and select *Send Waypoint to GPS*. This will send only the one waypoint you selected to your GPS and not all waypoints.

Also, after you have downloaded you may need to go back and close the *Download Window*.

Exporting Routes

1. Navigate to the Advanced Trip Planner page.
2. Build or load an existing saved route.
3. Click on the link towards the top of the page "Export Flight Plan". The File Type Window will be displayed.



(File Type Window)

4. Select one of those three options and click the Export button. The file will build and the Download Window will be displayed



(Download Window)

5. Click the "*-Click Here to Download-*" link to begin your download process.
6. Select *Save to Disk* and click the *OK* button.
7. Save this file to a location on your computer where you can find it later, and use the software program selected in step 2 to upload or capture this file.

Also, after you have downloaded you may need to go back and close the *Download Window*.

DataChunk for use in EasyGPS

Get Airport, Navaid and Fix data around any airport, or along a route in an easy to use interface to upload to your GPS.

Query our FAA and Worldwide DoD navigation databases for airport, navaid, and fix information around an airport in increments from 10 miles to 300 miles. Or enter a route and retrieve the data along the corridor - you specify the width up to 100 miles. See what data will be retrieved in a map and check the size before downloading. Then, download this data for use in EasyGPS to upload to your GPS. Use it in Flight Buddy on your palm, or select Simple for comma-delimited data that you can open in Excel spreadsheet or Access database for your own applications. DataChunks are a great way to keep your GPS updated with the latest FAA information without breaking the bank. For non Premium Subscription Members, DataChunks can be downloaded for \$4.95 on a one-time basis. Premium Subscription Members can generate and download them as many times as you wish with your paid subscription.

Once you have created or opened an existing route in either the [trip planner](#) or the [advanced trip planner](#) you can download the information to use in EasyGPS.

1. Click the "Download DataChunk" button like the one below. You will be taken to the ANF DataChunk Download page.



(Download DataChunk)

2. Enter a name for this file in the ANF Data Chunk Name field. This will be used to name the file once it is created.
3. Select the other options that you would like in the download file.
4. Verify that EasyGPS is the selected Output Format.
5. Click the Submit Query button to begin the process. The results page is displayed showing your route, coverage area, and number of items returned.
6. Click the link at the bottom right of the page with the file name you created to download your file. It will be in a compressed zipped format and you will need a tool to unzip the file. These tools such as WinZip or NetZip are available on the Internet.
7. Save the file to your computer.
8. Open the zip file and it will contain the *file.loc* file.
9. Extract the *file.loc* from the zip file to a location to be used with EasyGPS.



10. Click the  button on the toolbar to select the previously downloaded file.

EasyGPS Instruction Manual

For more information about using the EasyGPS software, visit www.easygps.com/manual.asp.

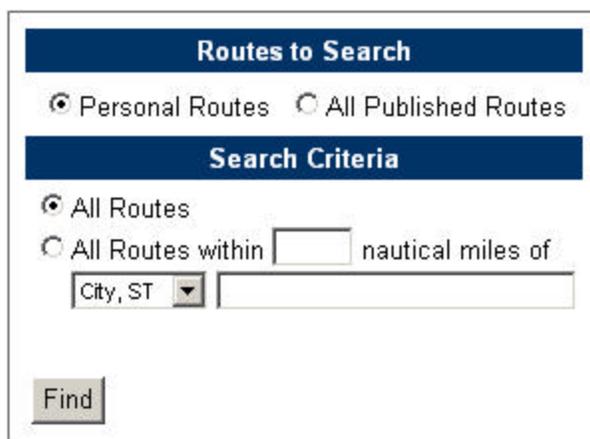
Route Viewer

The Route Viewer lets registered users of AeroPlanner search for your personal routes, or all published routes made by users of AeroPlanner, edit and save them under your own account for future use.

Personal Saved Routes

To view routes that you have saved in the route viewer:

1. Choose the *Personal Routes* selection under "Routes to Search" which is the default selection.
2. Choose *All Routes* from "Search Criteria" to view all your routes or to view routes in a specific area choose the second option and populate the relative criteria.
3. Click the *Find* button. When the screen refreshes all routes that were found will be listed. To view the routes in the planning map simply click on one of them and that route will be displayed in the Map section.
4. Click on "*Send Route to TripPlanner*" or "*Send Route to Advanced TripPlanner*" and your browser along with the route will be transferred to the selected planner.



The screenshot shows a web form titled "Route Criteria Section". It is divided into two main sections: "Routes to Search" and "Search Criteria".

- Routes to Search:** Contains two radio button options: "Personal Routes" (which is selected) and "All Published Routes".
- Search Criteria:** Contains two radio button options: "All Routes" (which is selected) and "All Routes within [] nautical miles of". Below the second option is a dropdown menu labeled "City, ST" and an adjacent text input field.
- Find:** A button located at the bottom left of the form.

(Route Criteria Section)

All Published Routes

You will be able to search on all routes that other registered AeroPlanner users have selected to Publish Route when saving. All published routes are available to all registered users.

To view published routes:

1. Choose the *All Published Routes* selection under "Routes to Search".
2. Choose *All Routes* from "Search Criteria" to view all your routes or to view routes in a specific area choose the second option and populate the relative criteria.
3. Click the Find button. When the screen refreshes all routes that were found will be listed. To view the routes in the planning map simply click on one of them and that route will be displayed in the Map section.
4. Click on "*Send Route to TripPlanner*" or "*Send Route to Advanced TripPlanner*" and your browser along with the route will be transferred to the selected planner.

Weather

The AeroPlanner weather page is your portal to a wealth of aviation and non-aviation related weather information. This is a vast collection of current and forecasted weather available to pilots today. We believe that adding this information to your existing flight planning helps you become a more knowledgeable pilot in regards to weather interpretation.

 Weather Station Get the current conditions, local QuickCast, long term forecast, and interactive weather maps.	 Weather Plot Browse and overlay various information on our interactive weather maps.
 Weather Maps: National Current Temperature Plot National Sky Conditions Today's Significant Weather Map NOAA Surface Map Weather Channel Jet Stream Weather Channel Winds NWS Storm Forecasts	 Weather Radar NWS National Radar NWS National Radar Loop National Radar with SIO/MET's Overlay National Precipitation Radar National Radar, University of Washington NLMOC Radar/QOES/Summary
 Weatherpedia Weather reference guide and links.	 Weather Watch Find current weather conditions such as thunderstorms, tornadoes, or fires.
 Weather Ticker Add airports to your custom weather ticker and always be up to date on the weather.	 Winds Aloft Winds aloft forecasts per flight level Turbulence Predictions
 Satellite Images QOES Imagery Daily Significant Event Images Color Enhanced Images Sea Surface Temps (QOES) QOES 8 Entire Atlantic Cloud Tops 3 Hr Rain Rate - US 3 Hr Rain Rate - World	 Clouds Clouds All Levels Below 6000ft 6000ft-12000ft 12000ft-18000ft above 18000ft

(Weather Index Page)

Weather Station



Weather Station

Get the current conditions, local QuickCast, long term forecast, and interactive weather maps.

The Weather Station is an area to get the local current conditions, QuickCast, long term forecast, and interactive weather maps. In addition, we provide the most recent METAR for the local area, which we display and interpret in an easy to read format.

To view the weather conditions for an area:

1. Open the Weather Station page.
2. Select *Zip Code* from the pull down menu.
3. Enter a zip code in the form entry field. You can also enter other information related to the pull down such as city and state. For example, if you wanted to view weather for Encino, California, select *City, State* in the pull down menu and then enter **encino, ca**.
4. Click the  button to search the weather station for the latest information.

Weather Station Description

On the Weather Station page you will see things such as the current conditions, long term forecast, weather maps, AIRMETS and SIGMETs. Here is a description of what all of it means.

Current Conditions

The current conditions box includes all of the current weather at almost 4000 reporting stations around the world. It shows the cloud cover, humidity, temp, wind direction, wind speed, visibility, pressure, dewpoint, current weather activity (thunderstorms, etc.), and current flight conditions. Additionally, the METAR is displayed, which contains some additional information.

Interactive Weather Maps

On this page you will see two maps displayed. The top map shows all of the Area Weather current conditions plotted by weather reporting station. These are circles, and depending on how much they are filled tells you about cloud cover. Their color describes flight conditions, while the temperatures and wind barbs are displayed as well. See a map legend below related to this map.

The next map below is the AIRMETS and SIGMETs map. It plots all of the current IFR, ICING, TURBULENCE, MTN OBSCURATION, and CONVECTIVE SIGMETs for the U.S. You will immediately see if the area you just entered is inside one of these zones. You will then be able to read the current weather advisory for that location below the map.

Using the Map

The map has a border that has directions on it. If you click the border, the map will be panned 1 full map width in that direction. You can also click on the inside of the map and it will be re-centered to wherever you clicked. When you click on a feature on the map, the page will be refreshed with all of the info about that feature. Clicking Print on the border will give you a page less populated to print.

AIRMETS and SIGMETs

These AIRMET items are considered to be *widespread* because they must be affecting or be forecast to affect an area of at least 3000 square miles at any one time. However, if the total area to be affected during the forecast period is very large, it could be that only a small portion of this total area would be affected at any one time.

AIRMETS are routinely issued for 6-hour periods beginning at 0145 UTC during Central Daylight Time and at 0245 UTC during Central Standard Time. AIRMETS are also amended as necessary due to changing weather conditions or issuance/cancellation of a SIGMET.

Any Convective SIGMET implies severe or greater turbulence, severe icing, and low-level wind shear. A Convective SIGMET may be issued for any convective situation that a forecaster feels is hazardous to all categories of aircraft.

Local QuickCast

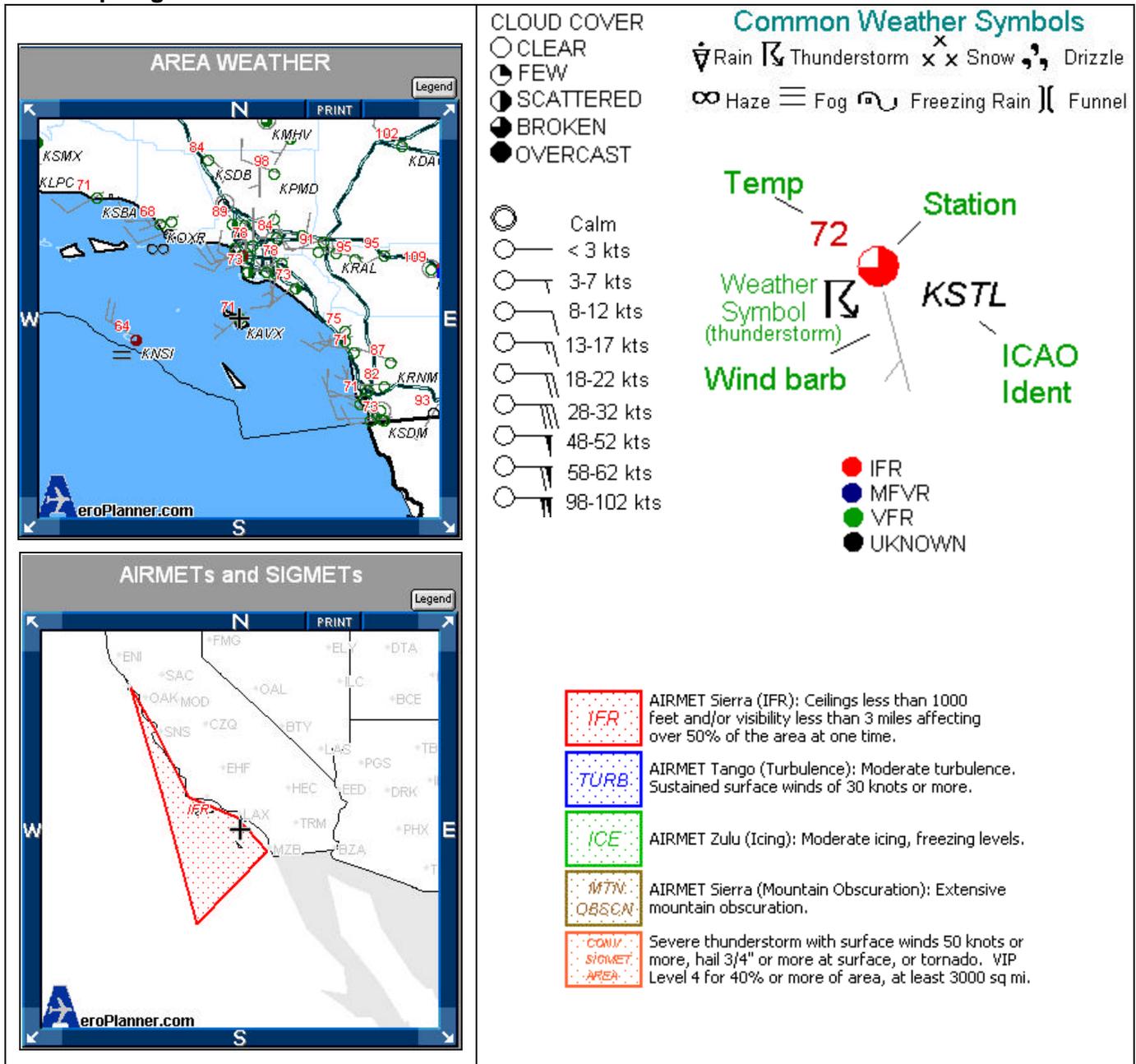
The local QuickCast on the right side of the page is derived from the NWS' city forecast. It's meant to be a quick view of next 3 days conditions with high and low temps, including the chance of precipitation. Since these are short term in nature, they are pretty reliable.

Long Term Forecast

The long term forecast, or extended forecasts, is derived from NWS' zone forecasts. The forecasts usually cover several counties and cities and have more detailed predictions and extend for 2 to 3 more days further than the city forecasts. It's usually a good idea to check the county or city list at the very bottom of this column to see what they cover. We automatically find the right zone for wherever you click on the map, or for what location you entered at the top.

Convective SIGMET bulletins are issued for the Eastern (E), Central (C), and Western (W) United States. The areas separate at 87 and 107 degrees west longitude with sufficient overlap to cover most cases when the phenomenon crosses the boundaries. Bulletins are issued hourly at Hour+55. The text of the bulletin consists of either an observation and a forecast or just a forecast. The forecast is valid for up to 2 hours.

Map Legend



Weather Plot

There are a couple of different ways you can use the AeroPlanner Weather Plot. The first would be by going directly to the weather plot page and the other would be checking the weather plot with your route on it through the Trip Planners.

Using the Weather Plot

The weather plot page can be accessed from any of the websites pages by clicking the button found on the navigation bar.

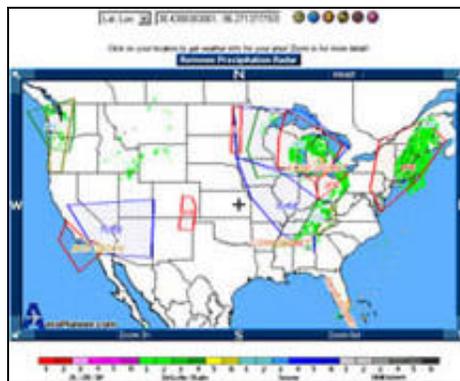


To use the weather plot page:

1. Navigate to the weather plot page.
2. Enter a latitude/longitude point, city/state, zip code, airport, navaid or fix/waypoint.
3. Click the ⚡ button to retrieve the selected weather information.

(Weather Plot Entry Form)

A map will be retrieved similar to the one below. Below the map you will find tables with information such as Winds Aloft, Area Forecast and TAF's.



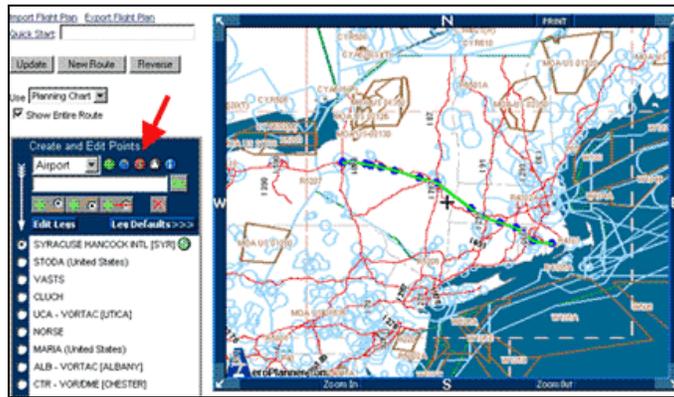
(Weather Plot Map)

Click the **Show Precipitation Radar** button to see the weather plot with precipitation radar and the showing of zones of turbulence, ice, and IFR zones.

Plot a route in the trip planners and transfer them over to the current weather plot

To plot a route in the Trip Planners and then transfer them over to the current weather is an easy process.

1. Plan or open an existing route in the Trip Planners. For example we have a route planned out from Syracuse, NY to New Bedford, MA.
2. Click the ⚡ button to transfer to the weather plot.



(Advanced Trip Planner)

You will then see a weather plot with route like the example below, our route is the purple line and you can see our route will be taking us into what appears to be some very heavy rains. Below the map you will find a table with information on the entire route including area forecasts for each zone the route goes though, AIRMET and SIGMET information, winds aloft, TAF's and NWS short range weather maps.



(Weather Plot with Route)

Weather Maps



Weather Maps:

[National Current Temperature Plot](#)

[National Sky Conditions](#)

[Today's Significant Weather Map](#)

[NOAA Surface Map](#)

[Weather Channel Jet Stream](#)

[Weather Channel Winds](#)

[NWS Storm Forecasts](#)

The links in the Weather Maps section of the weather page will take you to different sections of AeroPlanner.com, NOAA, The Weather Channel or NWS. You will find information from temperatures to winds and forecasts in map form.

Weather Radar



Weather Radar

[NWS National Radar](#)
[NWS National Radar Loop](#)
[National Radar with SIGMETs Overlaid](#)
[National Precipitation Radar](#)
[National Radar, University of Washington](#)
[NLMOC Radar/GOES/Summary](#)

The links in the Weather Radar section show 6 different radar images that are updated regularly. Clicking on each link in this section on the weather page will show you a different image.

Weatherpedia



Weatherpedia

Weather reference guide and links.

The Weatherpedia is an extensive database of weather websites.

Weather Watch



Weather Watch

Find current weather conditions such as thunderstorms, tornadoes, or fires.

The weather watch page contains links for current weather watches including: Current Weather Watches, Current Mesoscale Discussions, Current Convective Outlooks, Fire Weather Outlooks, Watch, Warning and Advisory Display.

Weather Ticker



Weather Ticker

Add airports to your custom weather ticker and always be up to date on the weather.

The weather ticker is a small window that always has current weather information for the airports of your choosing.



(Scrolling Weather Ticker)

To set up the weather ticker:

1. Add the airport code into the entry field labeled *Airport*.
2. Click the  button to add the airports you want to track.
3. Select the ticker speed. In this example, we have added 2 airports into the ticker, SYR and EWB.
4. Click the *Start Weather Ticker* link to pop up the ticker window. When you don't want it running anymore simply close the window as you would any other browser window.

Add airports to your custom weather ticker and keep it open in the corner of your desktop to always be up to date on the weather!

[Start Weather Ticker](#)

Airport <input type="text"/> Type in an airport to add or delete it from your weather ticker.	Your Airports <div style="border: 1px solid gray; padding: 2px;">syr ewb</div>	Ticker Speed Really Slow <input type="radio"/> Slow <input type="radio"/> Med <input checked="" type="radio"/> Fast <input type="radio"/>
--	--	--

(Weather Ticker Setup Page)

To delete an airport:

1. Highlight an entry in Your Airports list box.
2. Click the  button to delete the entry.

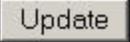
Winds Aloft



Winds Aloft
[Winds aloft forecasts per flight level](#)
[Turbulence Predictions](#)

From the winds aloft section you can click on two different options.

To find wind forecasts at different flight levels

1. Click the Winds aloft forecast per flight level link on the weather menu page.
2. Select a search criteria method from the pull down menu. City, State is the default selection.
3. Enter in the relevant criteria based on the selection made in step 2.
4. Click the  button to retrieve the wind information. You will then see 3 different forecasts (6, 12 and 24 hour) for winds at several different altitudes, wind direction and temperature as pictured below.

Winds Aloft									
Airport: SYRACUSE HANCOCK INTL [SYR] Update									
SYRACUSE HANCOCK INTL									
	6-Hour Forecast Valid 17:00-21:00 UTC			12-Hour Forecast Valid 21:00-09:00 UTC			24-Hour Forecast Valid 09:00-17:00 UTC		
	Wind Dir	Knots	Temp (C)	Wind Dir	Knots	Temp (C)	Wind Dir	Knots	Temp (C)
3000 Ft.	300	22		290	15		310	14	
6000 Ft.	300	23	+03	300	16	+04	310	19	+03
9000 Ft.	300	22	+00	310	17	+01	300	23	+02
12000 Ft.	300	24	-04	310	15	-02	290	24	-03
15000 Ft.	300	25	-17	310	29	-16	290	48	-13
24000 Ft.	290	42	-29	290	58	-25	290	57	-24
30000 Ft.	300	101	-38	290	72	-40	290	71	-40
34000 Ft.	300	109	-47	290	86	-48	290	79	-50
39000 Ft.	300	96	-55	290	87	-56	290	77	-58

(Winds Aloft Information)

Using the turbulence prediction page

The FSL's Turbulence Data Display (Experimental) is an external web site but very simple to use. First Select a valid time and forecast period, then select your altitude and then click **SEND REQUEST**.

Satellite Imagery



Satellite Images

- [GOES Imagery](#)
- [Daily Significant Event Images](#)
- [Color Enhanced Images](#)
- [Sea Surface Temps \(POES\)](#)
- [GOES 8 Entire Atlantic](#)
- [Cloud Tops](#)
- [3 Hr Rain Rate - US](#)
- [3 Hr Rain Rate - World](#)

The different satellite images can be viewed by clicking each individual link. Some links take you directly to the satellite image and some take you to a page where you have several options to choose from.

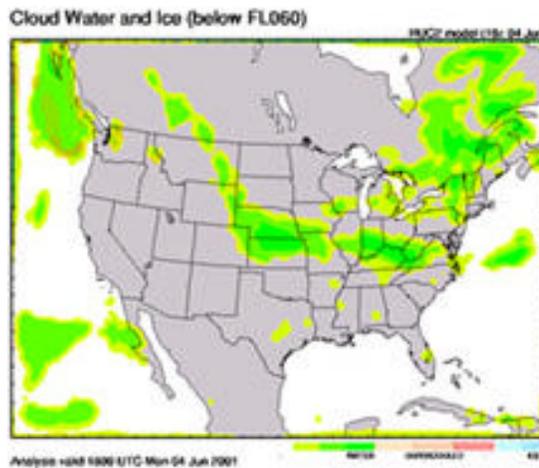
Clouds



Clouds

- [Clouds: All Levels](#)
- [Below 6000ft](#)
- [6000ft-12000ft](#)
- [12000ft-18000ft](#)
- [above 18000ft](#)

To view the cloud cover, click the link for the altitude you wish to view.



(Example Cloud Cover Below 6000ft)

Notice to Airmen

You can find the NOTAMS either by entering the FAA identifier (ex. stl bly lax) or the ICAO identifier (ex. kstl kbly klax).

1. Click the *Notams* link from the home page.
2. Enter the information into the appropriate section. If you are searching for NOTAM's at multiple locations separate them with a space.
3. Click the button to retrieve the Notam information.

Tools and Reference

This section provides you with references to information such as the Federal Aviation Regulations and Aeronautical Information Manual. In addition many E6B type of tools are offered to assist you with aviation calculations.

Flight Computer



Flight Computer
[Rhumb Line Calculator](#)
[Wind Drift Calculator](#)
[Intersect Calculator](#)
[Distance Calculator](#)
[Forward Calculator](#)
[Fuel Calculator](#)

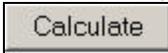
The flight computer has links for calculating items such as Rhumb Line Calculator, Wind Drift Calculator, Intersect Calculator, Distance Calculator, Forward Calculator, and Fuel Calculator. Click the link for the type of calculation you would like to perform.

Weather Calculator



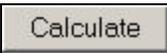
Weather Computer
Convert temperatures, winds, and pressures. Calculate windchill, heat index, and relative humidity.

The weather calculator calculates and converts various weather related items such as Temperature, wind chill, heat index, relative humidity, wind conversion, and pressure.

Windchill Calculator - this calculates wind chill based on temperature and wind speed. Enter the temperature and the wind speed and click the  button.

windchill			
Temperature (°F)	<input type="text"/>	Wind speed (mph)	<input type="text"/>
			<input type="button" value="Calculate"/>
Windchill (°F)			<input type="text"/>
			<input type="button" value="Reset"/>

(Windchill Calculator)

Heat Index - the heat index is based on temperature and relative humidity. Enter the temperature and the humidity and click the  button.

heat index			
Temperature (°F)	<input type="text"/>	Relative humidity (%)	<input type="text"/>
			<input type="button" value="Calculate"/>
Heat index (°F)			<input type="text"/>
			<input type="button" value="Reset"/>

(Heat Index Calculator)

Temperature Conversion - this converts Fahrenheit to Celsius and vice versa. Enter a number into either the left Fahrenheit or Celsius box and click the button.

temperature conversion				
Fahrenheit (°F)	<input type="text"/>	<input type="button" value="Convert"/>	Celsius (°C)	<input type="text"/>
Celsius (°C)	<input type="text"/>	<input type="button" value="Convert"/>	Fahrenheit (°F)	<input type="text"/>
				<input type="button" value="Reset"/>

(Temperature Conversion)

Relative Humidity - the humidity is calculated based on temperature and dew point. Enter the temperature and dew point and click the button.

relative humidity			
Temperature (°F)	<input type="text"/>	Dew point (°F)	<input type="text"/>
			<input type="button" value="Calculate"/>
Relative humidity (%)			<input type="text"/>
			<input type="button" value="Reset"/>

(Relative Humidity)

Wind Conversion - wind conversion will convert mph, knots and kph.

wind conversion					
Wind _i	<input type="text"/>	<input type="button" value="mph"/>	Wind _f	<input type="text"/>	<input type="button" value="mph"/>
		<input type="button" value="Convert"/>	<input type="button" value="Reset"/>		

(Wind Conversion)

Pressure Conversion - will convert millibars, atmosphere, inches of mercury, mm of mercury and Pascal's.

1. Enter a number into the top *Pressure_i* entry field
2. Select the correct label from the upper pull down menu.
3. Select the correct conversion label in the lower pull down menu.
4. Click the button for the conversion.

For example, if the barometric pressure is 1 atmosphere and you want to find what it would be in inches of Hg enter 1 into the upper entry field labeled *Pressure_i* and select atmosphere in the pull down menu, then change the lower pull down menu to *inches of Hg* and click "Convert" as shown below.

pressure conversion			
Pressure _i	<input type="text" value="1"/>	<input type="button" value="atmosphere"/>	<input type="button" value="Convert"/>
Pressure _f	<input type="text" value="29.92"/>	<input type="button" value="inches of Hg"/>	<input type="button" value="Reset"/>

(Pressure Conversion Example)

Federal Aviation Regulations (FAR)

The Federal Aviation Regulations, or FAR, describes federal aviation regulations covering many topics. A few of the included topics are certification standards for parts, airworthiness standards, noise standards, maintenance schedules and pilot certification.

Aeronautical Information Manual (AIM)

Official Guide to Basic Flight Information and ATC Procedures

The Aeronautical Information Manual, or AIM, is the FAA official guide to basic flight information and ATC procedures. Topics covered include safety information, lighting and visual aids and information on charts

The AIM consists of several chapters; all are listed below with the title of each chapter.

Preface - Subscription Information, Comments/Corrections Form, Publication Schedule, General Information

Chapter 1 - Navigation Aids

Chapter 2 - Aeronautical Lighting and Other Airport Visual Aids

Chapter 3 - Airspace

Chapter 4 - Air Traffic Control

Chapter 5 - Air Traffic Procedures

Chapter 6 - Emergency Procedures

Chapter 7 - Safety of Flight

Chapter 8 - Medical Facts for Pilots

Chapter 9 - Aeronautical Charts and Related Publications

Appendices - Bird/Other Wildlife Strike Report, Volcanic Activity Reporting Form, Abbreviations/Acronyms

Explanation of Changes - Explanation of Changes for this Basic Manual

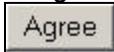
Celestial and Time Applications

This link will take you to the US Navy's Astronomical Applications Department web site. Information is provided in this link to learn about astronomy including tools for you to use.

Discussion Hangar

The Discussion Hangar is an area that you can go to and collaborate with others. This is done in a standard Internet message board-posting format with many features. In order to use the Discussion Hangar, you will also need to register. This registration is separate from the registration you may have already completed at AeroPlanner.com. We do this so people can have the ability to post anonymously, or without having to be members of AeroPlanner.com. Registration is free, and you are not required to post your real name. However, you are required to post your actual email address.

Register and Use the Discussion Hangar

1. Navigate to the hangar by clicking the *Discussion Hangar* link on the Home Page, or click the  button from the menu bar. This will take you to the Discussion Hangar page.
2. Click the *register* link located in the upper middle of the page.
3. Review the agreement.
4. Click the  button if you agree with the rules. You may click *Cancel* and exit the board if you do not agree. However, you will not be able to post in the Discussion Hangar.
5. Enter information about yourself at the Registration page.
6. Click the  to save your information and return to the Discussion Hangar.

Once you are in the Discussion Hanger section of AeroPlanner and registered you are able to use the message boards. There are a few main sections to the discussion boards that make up the forums:

Pilot Area - a discussion area for pilots

WeatherWatch - pilot reports, regional weather discussions

Industry Area - manufacturers, avionics, gps, safety

AeroMarket - buy/sell aircraft to books

Technical Help - help from site admins

Each of these sections has several different categories. Choose the topic you wish. For example, the most popular section is found under the **Pilot Area** section, and is called *Tower Talk*. This category is for general discussion about pretty much anything you want to talk about. You will see several topics covering many different things within *Tower Talk*. To post

your own topic, click the  button and begin. If you want to reply to someone's existing topic click the  button.

Smiles

You may have seen others use smiles before in email messages or other bulletin board posts. Smiles are keyboard characters used to convey an emotion, such as a smile :) or a frown :(.

This bulletin board automatically converts certain smiles to a graphical representation. For example, if you type :o in your message, it will automatically be converted to an embarrassed face 🤪. The following smiles are currently supported:

Keyboard Characters	Description	Graphic
:)	Smile	
:(Frown	
:o	Embarrassment	
:D	Big Grin	
;)	Wink	

Using HTML and/or UBB Code

You may be able to use HTML and/or UBB Code in your posts, if your administrators and moderators have those options turned on for each forum. Some forums may have either HTML or UBB Code turned off, or both turned off. Only your message board's leaders can set this. Every time you post a new message, you will be told whether UBB Code and/or HTML are enabled for that particular forum. If HTML is on, you may use any HTML tags, but please be very careful that you use proper HTML syntax. If you do not, your moderator or administrator may have to edit your post.

UBB Code is similar to HTML, but offers just a few basic functions, such as hyperlinking, image display, bolding and italicizing. Complete lists of current UBB Codes are [listed here](#).

Moderators

Moderators control individual forums. They can edit, delete, or prune any posts in their forums. If you have a question about a particular forum, you should direct it to your forum moderator.

Changing Your Profile

You may easily change any info stored in your registration profile, using the "*profile*" link located in the upper portion of each page. Simply identify yourself by typing your username and password and all of your profile information will be displayed.

You may change any items, except your username.

Customizing User Preferences

As a registered message board user, you may store your username and password in memory for up to one year at a time. This will prevent you from having to type your user name and password every time you post a note. You also have the option of changing the default number of days back to view topics. Just click on the "prefs" link and you can make either of these settings.

Cookies

This message board uses cookies to store the following information: the last time you logged in, your username and password, and your preferred "topic view", if you set it in preferences. These cookies are stored on your browser. Cookies are not used to track your movement or perform any function other than to enhance your use of the bulletin board. If your browser does not support cookies, or you have not enabled cookies on your browser, many of these timesaving features will not work properly. Also, you need to have cookies enabled in your browser if you want to enter a private forum.

You may delete all cookies set in this forum by visiting the "preferences" area of the forum and selecting the "delete cookies" link.

Editing Your Posts

You may edit or delete your own posts at any time. Just go to the topic where the post to be edited is located and you will see an  edit icon. Click the icon to edit or delete the post. No one else can edit your post, except for the forum moderator or the message board administrator. A note is generated at the bottom of each post that is edited so that every one knows when a post has been edited. Note that if your post was the start of a new topic, deleting your post will result in the removal of the entire topic (all replies after your topic will also be deleted).

Adding Signatures

You may use a signature (commonly used in email messages) on your posts. This is a new feature, so if you registered previously, you may not have been queried about storing a signature. If you click on the profile link at the top of most message board pages, you will be able to edit your profile, including your standard signature. Once you have a signature stored, you can choose to include it any post you make by checking the "include signature" box when you create your post. This message board's administrator may elect to turn the signature feature off at any time, however. If that is the case, the "include signature" option will not appear when you post a note, even if you have stored a signature. You may also change your signature at any time by changing your profile.

Note: You may not use HTML in your signature file, but you may use UBB Code (except for the UBB Code Image tag).
--

Attaching Files

For security reasons, you may not attach files to any posts. You may cut and paste text into your post, however, or use HTML and/or UBB Code (if enabled) to provide hyperlinks to outside documents.

Searching For Specific Posts

You may search for specific posts based on a word or words found in the posts, user name, date, and particular forum(s). Just click on the "search" link at the top of most pages. Note: announcements are not included in the search returns.

Announcements

Announcements are one-way communications from either a forum moderator or a message board administrator. No one may post replies to these announcements. If you want to talk about specific announcements, you will have to create a new topic in the appropriate forum.

Censoring Posts

The message board administrators have the ability to censor certain words that may be posted. This censoring is not an exact science, however, so certain words may be censored out of context. Please realize the censoring is computer based on the words that are being screened, only if screening is being performed. Words that are censored are replaced with asterisks.

Lost User Name and/or Password

Retrieving your username and password is simple, assuming that email features are turned on for this message board. All of the pages that require you to identify yourself with your username and password carry a "lost password" link that you can use to have your username and password emailed instantly to your email address of record.

Email Notification

If you create a new topic, you have the option of receiving an email notification every time someone posts a reply to your topic. Just check the email notification box on the "New Topic" forum when you create your new topic, if you want to use this feature.

Daily Active Topic List

When you visit this message board, you will see a link at the top of the list of forums called "Daily Active Topic List". Clicking on this will provide you with a list of topics in all open (non private) forums that have been posted to that day.

Searching on Private Forums

Currently, only administrators and moderators can search through private forums. We do plan to support searching of private forums for other authorized users in the future.

Archives

Archives are read-only areas that contain topics that were previously posted to one of our forums. You may not add a reply to a topic that is in an archive. Topics in an archive may have been completely removed from the original forum where they were started, or they may still exist in their forums.

What are icons?

Depending on the configuration of your forums, you may be able to associate an icon with each post that you make. There are currently 14 icons, each expressing a different emotion or identification. These icons range from a simple note to sadness to warning. These icons appear next to each topic in a forum listing and on each post. If you do not see icons, your forum administrator may not be allowing icons on this particular forum. (Thanks to Kombat03 for the icon idea!)

Pilot Logbook

The Pilot Logbook section is a place that acts very much like your paper based logbook that you may currently use. In addition, we have many unique features that you cannot find in a paper logbook, but may find in some of the electronic logbooks available today. All of this and more are included with your premium subscription. When flying you may not want to take a long your paper logbook, but leave it behind for someone to review if needed. However, knowing you may have to present a copy of your logbook on an occasion, we have a method for you to easily print your logbook to take with you. The best part of this is that it can be done from any computer that has Internet access and a printer. All of the information is stored in a secured area so only you have access to this information. This also provides a backup if something ever happened to your original logbook.



When you click Pilot Logbook from the left margin menu, or click the  button on the menu bar, you are then taken to the *Pilot Logbook Options* page. There you will find options like the ones listed below.

Description



Pilot Profile

View your log totals, add/delete aircraft, import log entries, export log entries, and edit aircraft specs

In the pilot profile you can add and delete aircraft, upload and export logs, save logs to your computer, edit your profile and edit aircraft specs. Clicking the appropriate links can complete all this.



View Log

View, add, edit, and delete entries in the logbook. Save the logbook entries locally to your computer.

This is the electronic web based logbook where you will go to add, modify, or delete entries into your logbook. You can also review previous entries related to your logged flights.



View by Aircraft

View logbook entries for a specific date or over a date span.

Here you can select the model and identification and view the hours totaled in that aircraft.



View by Date

View individual aircraft totals for any aircraft that you have an entry for.

This allows you to look up log entries by a date or a date range.



Currency Check

Check on your currency by summing by aircraft type and date ranges.

Want to know if you are still current? Maybe by a particular class? This page will allow you to search by one or all and find out where you are.



Print Log

The print log page generates a print friendly page containing all of your log entries.

Print your logbook to take with you.

Adding an Entry for the first time

You will need to have aircraft saved to your profile before adding log entries. You can add aircraft from the Aircraft Specs page in Member services, or there are links for quick aircraft entries in the logbook and profile. After you have added your aircraft they will then show up in the selection boxes to add log entries.

Adding an entry

To add data into your logbook:

1. Open the *View Log* page.
2. Enter the data into the entry fields on the *view log page*.
3. Enter the relevant information about your flight and click the

Submit Log Entry

Editing an entry

To edit an entry:

1. Select the edit button to the left of the entry that you would like to edit. That entry will now be displayed in the entry fields at the top of the page.
2. Modify any of the data for that entry.
3. Click the

Replace

button for the new data to be stored.

Deleting an entry

To delete an entry,

1. Select the edit button to the left of the entry that you would like to delete. That entry will now be displayed in the entry fields at the top of the page.
2. Click the

Delete

button to delete the entry selected.

Clearing all data from text fields

If an edit button is selected so that it's data is displayed in the top text fields, press the "Add New Entry" button to clear the text fields.

Downloading Logbook data

To download your entire logbook, click the

Save Locally

button in the View logbook section and follow the downloading instructions on that page.

Entries not showing up?

If an entry is not showing up, clicking the "Refresh" or "Reload" button on your browser.

View individual aircraft totals for certain aircraft



1. From the Pilot Logbook Options Menu, click the  button.
2. Select a date from the pull down menu where you can pick an exact date to view the logs by, or you can type in a range and click the  button to view all logs within a certain time period.



Currency Check

Check on your currency by summing by aircraft type and date ranges.

You will then see a section of the page that looks like the image below. Choose the options you want and click the  button.

Select Plane To Sum For	Select Timeframe
<input type="radio"/> Model <input type="text"/>	<input type="radio"/> From: <input type="text"/>
<input type="radio"/> Ident <input type="text"/>	<input type="radio"/> Until: <input type="text"/>
<input type="radio"/> Sum for All SEL	<input type="radio"/> Last 90 Days
<input type="radio"/> Sum for All MEL	<input type="radio"/> Last 6 Months
<input type="radio"/> Sum for All SES	
<input type="radio"/> Sum for All MES	
<input type="radio"/> Sum for All ROTOR	<input type="button" value="View Totals"/>

(Currency Check Criteria Section)

Aeropedia

What is the Aeropedia and how to find what you are looking for?

The **Aeropedia** is a database containing thousands of links to aviation related websites. The links database is divided into categories for easy navigation, but also can be searched with keywords. The number beside each category tells you how many links are listed in that category. Link categories include categories such as airlines, clubs, free downloads and historical information just to name a few.

To start using the **Aeropedia**, just click on one of the categories or type in a keyword(s) in the search box at the top and click the find button.

The screenshot shows a search interface with a search bar and a list of categories. The search bar is labeled "Search" and has a "Find" button next to it. Below the search bar, there are several categories listed with their respective link counts in brackets:

- [Selected Categories](#) [\[add URL\]](#)
- [Airlines](#) [156]
- [Aircraft Dealers/Manuf.](#) [180]
- [Aircraft Maintenance](#) [281]
- [Government](#) [90]
- [Historical](#) [133]
- [Photography](#) [155]

(Aeropedia Search)

Sorting Your Results

After you've clicked on a category, or clicked the find button, you will see listings sorted by popularity. That means the links that are clicked on the most (sorted by other users hits) appear at the top of the search. You can resort these links differently by the row at the top of the page with the sort options.

[\[Back to Categories\]](#) [Sort by rating](#) [Sort by hits](#) [Sort Alphabetically](#)

(Sort Options)

Adding links to the Aeropedia database

You may add a web site address (url) that you have found and think that it should be included in the Aeropedia database. Click the [add URL] link at the top of the categories index, or at the bottom of each search listing. This will bring up the [add url] page that looks like this:

The screenshot shows a form for adding a new URL to the database. The form has the following fields:

- Title:
- Url:
- Category:
- Description:
- Keywords:
- E-mail:
-

(Add Web Site URL)

The title should be descriptive of the web site, like the name of the company or the title on the page. The URL is the actual address that you would type in to get to this page to come up into your web browser. Notice that we put the "http://" in for you so be careful not to type it in again. It's best to just copy and paste the URL into the text box. If you entered the category from categories index, and the category will be set automatically for you. If not, then choose the most appropriate category for your link. The description should be just enough information that it allows the reader to understand what the site is all about. The keywords are words that someone might search for and find this site. If you can find an email for the site, this can be useful also.

If you have any questions or problems with using the Aeropedia or have found a problem with one of the links in the Aeropedia please contact the database manager, Dillard Munsell, at aeropedia@aeroplanner.com.

Appendix A

AeroPlanner.com Site Map

Flight Planning

[Trip Planner](#)
[Advanced Trip Planner](#)
[SmartChart](#)
[Airport Directory](#)
[Route Viewer](#)
[Waypoint Builder](#)

Notams

[Notam Lookup](#)

Aeropedia

[View Links](#)
[Add URL](#)

Help Pages

[Smart Chart Help](#)
[Airport Guide Help](#)
[Trip Planner Help](#)
[WeatherStation Help](#)
[WeatherPlot Help](#)
[Pilot Logbook Help](#)
[Discussion Hangar Help](#)
[Tools and Reference Help](#)
[AeroPedia Help](#)
[Treasure Hunt Help](#)

Sign Up

[Send To A Friend](#)
[Log In](#)

Weather

[Weather Station](#)
[Weather Plot](#)
[WeatherPedia](#)
[Weather Watch](#)
[Weather Ticker](#)
[Winds and Temps](#)
[GOES Imagery](#)

Pilot Log

[View Pilot Log](#)
[View By Date](#)
[Pilot Profile](#)
[Delete Aircraft](#)
[Currency Check](#)

Advertising

[Affiliate Program](#)
[Advertise With Us](#)

Discussion Hangar

[Discussion Board](#)

Tools And References

Flight Calculators
[Distance, Initial Course](#)
[Course, Heading](#)
[Rhumb Lines](#)
[Wind Drift](#)
[Fuel](#)
[Intersects](#)
[Forward](#)
Weather Computer
[Conversion Tools](#)

News

[Site News](#)
[Aviation Headlines](#)

Misc

[Add You Own FBO](#)
[Events Calendar](#)

This is the site map as of July 2001. With all the exciting enhancements happening, this page is subject to change on a regular basis. Therefore, we ask that you always visit www.aeroplanner.com for the latest features available.